

KNOWN CITATIONS (3500 -  
(without self citations, hidden self citations and cross references)

Citations are only indicators of influence and impact; they are a partial reflection of the interest of the academic community and visibility of a persons work. They say nothing about intrinsic value. That is the role of human judgment.

E. Garfield

- WILSON, WB; SANDER, DE ALDA, ML; LEE, ML; WISE, SA, SPALENKA, J., ESCOTTE-BINET, S., BAKIRI, A., HUBERT, J., RENAULT, J.-H., VELARD, F., DUCHATEAU, S., AUBERT, D., HUGUENIN, A., VILLENA, I., *Antimicrobial Agents and Chemotherapy*, **62**, Article number e01640 (2018)
- 3500., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- HASAN HÜSEYİN KARA, MUSTAFA KIRALAN, EDA ÇALIKOĞLU, ALI BAYRAK, *Türk Tarım – Gıda Bilim ve Teknoloji Dergisi*, **6**(1): 07-15 (2018) [inTurkish]
- 3501., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- K. CIURA, M. BELKA, P. KAWCZAK, T. BĄCZEK, J. NOWAKOWSKA, *Journal of Pharmaceutical and Biomedical Analysis*, 2018 in press.  
<https://doi.org/10.1016/j.jpba.2017.10.034>
- 3502., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)
- 3503., F. ANDRIC AND K. HÉBERGER, *Journal of Chromatography A* **1380**, 130-138 (2015)
- C. ROJAS, P. R. DUCHOWICZ, P. TRIPALDI, AND R. P. DIEZ, *Anales de la Asociación Química Argentina*, **104**, N°2, 173-193 (2017)
- 3504., K. HÉBERGER and M. GÖRGÉNYI, *J. Chromatogr. A*, **845**, 21-31 (1999)
- PELIN GOKFILIZ-YILDIZ, ILGI KARAPINAR, *International Journal of Hydrogen Energy*, **43**, 10655-10665 (2018)  
<https://doi.org/10.1016/j.ijhydene.2018.01.036>
- 3505., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3506., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3507., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- JING-WEN HAO, NAI-DONG CHEN, CUN-WU CHEN, FU-CHENG ZHU, DE-LIANG QIAO, YONG-JUN ZANG, JUN DAI, XIANG-WEN SONG, HAN CHEN, *Journal of Pharmaceutical and Biomedical Analysis*, **151**, 331-338 (2018)
- 3508., RÁCZ, A., HÉBERGER, K., FODOR, M. *Analytical and Bioanalytical Chemistry*, **408**, 6403-6411 (2016)
- GERGELY TÓTH, SASAN AMARI-AMIR, *Journal of Chemometrics*, **32**, e2995 pp.1-14 (2018) <https://doi.org/10.1002/cem.2995>
- 3509., RÁCZ A, HÉBERGER K, RAJKÓ R, ELEK J. *Heritage Science*. **1**(1), 2 pp.1-9 (2013)

- 3510., CHRISTIE OLAV HJ, RÁCZ A, ELEK J, HÉBERGER K. *Journal of Chemometrics*, **28**(4), 287-292 (2014)
- 3511., E. VAN GYSEGHEM, B. DEJAEGHER, R. PUT, P. FORLAY-FRICK, A. ELKIHHEL, M. DASZYKOWSKI, K. HÉBERGER, D.L. MASSART, Y. VANDER HEYDEN, *J. Pharm. Biomed. Anal.*, **41**, 141-151 (2006)
- YABIN WEN, MOHAMMAD TALEBI, RUTH I.J. AMOS, ROMAN SZUCS, JOHN W. DOLAN, CHRISTOPHER A. POHL, PAUL R. HADDAD, *Journal of Chromatography A*, **1541**, 1-11 (2018)  
<https://doi.org/10.1016/j.chroma.2018.01.053>
- 3512., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3513., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3514., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- 3515., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683- 700 (2015)
- DIDING SUHANDY, MEINILWITA YULIA, SRI WALUYO, CICIH SUGIANTI, *JTEP Jurnal Keteknikaan Pertanian*, **5**, No. 3, 195-200 (2017) <http://journal.ipb.ac.id/index.php/jtep>
- 3516., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- NANDI, S.; AHMED, S.; SAXENA, A. K., *SAR and QSAR in Environmental Research*, **29**, 151-170 (2018)
- 3517., VRACKO, M; MINOVSKI, N; HEBERGER, K, *Acta Chimica Slovenica*, **57**, 586-590 (2010)
- VASTAG, G., APOSTOLOV, S., MATIJEVIĆ, B., *Iranian Journal of Pharmaceutical Research*, **17**, (2018) 100-114
- 3518., F. ANDRIC AND K. HÉBERGER, *Journal of Chromatography A* **1380**, 130-138 (2015)
- KE, R., WEI, Z., BOGDAL, C., GÖKTAŞ, R.K., XIAO, R., *Food Chemistry*, **250**, 268-275 (2018)
- 3519., HEBERGER K, CSOMOS E, SIMON-SARKADI L, *J. Agric. Food Chem.*, **51**, 8055-8060 (2003)
- LEE, Y.-T., WANG, C.-H., CHIU, C.-H., HUANG, P.-L., SU, D.-Y., CHU, Y.-H., *Taiwanese Journal of Agricultural Chemistry and Food Science*, **55**, 30-40 (2017)
- 3520., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- KUNAL ROY, PRAVIN AMBURE, SUPRATIK KAR, PROBIR KUMAR OJHA, *Journal of Chemometrics*. 2018; e2992.  
<https://doi.org/10.1002/cem.2992>
- 3521., HÉBERGER K, RÁCZ A, BAJUSZ D. Which performance parameters are best suited to assess the predictive ability of models? In: *Advances in QSAR Modeling*. Springer; 89-104 (2017)
- ZHANG, YANG; GUO, YUEXIN; LEE, WEI-NING, *IEEE Transactions on Medical Imaging*, **37**, 337-348 (2018)
- 3522., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- KANIE, YOSHIMI; TANIUCHI, MIZUKI; KANIE, OSAMU, *Journal of Chromatography A*, **1534**, 123-129 (2018)

- 3523., BIELICKA-DASZKIEWICZ, K; VOELKEL, A; PIETRZYNSKA, M; HEBERGER, K, *J. Chromatogr. A*, **1217**, 5564-5570 (2010)  
INDELICATO, S; BONGIORNO, D; CERAULO, L; EMMANUELLO,; MAZZOTTI, F; SICILIANO, C; PIAZZESE, D  
*Food Analytical Methods*, **11**, 873-882 (2018)
- 3524., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)  
ZHANG, C., LIU, F., HE, Y. *Scientific Reports* **8**(1), 2166 (2018)
- 3525., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
SIRBU, D., CORNO, M., ULLRICH, M.S., KUHNERT, N. *Food Chemistry*, **254**, pp. 232-240 (2018)
- 3526., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)  
McEACHRAN, A.D., MANSOURI, K., NEWTON, S.R., BEVERLY, B.E.J., SOBUS, J.R., WILLIAMS, A.J., *Talanta*, **182**, 371-379 (2018)
- 3527., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)  
HUSSAIN, R.M.F., KIM, H.K., KHURSHID, M., AKHTAR, M.T., LINTHORST, H.J.M. *Metabolomics*, **14**(3), Article No. 25 (2018)
- 3528., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
PEDRETTI, A., MAZZOLARI, A., VISTOLI, G., TESTA, B., *Journal of Medicinal Chemistry*, **61**, 1019-1030 (2018)
- 3529., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
COHEN, J.M., RICE, J.W., LEWANDOWSKI, T.A., *ACS Sustainable Chemistry and Engineering*, **6**, 1941-1950 (2018)
- 3530., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
SAVORANI, F., KHAKIMOV, B., VIREECK, N., ENGELSEN, S.Ø.B. Chapter 8: *NMR Foodomics*, in: *New Developments in NMR*, pp. 183-245 (2018)
- 3531., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)  
KEUN, H.C *NMR Spectroscopy of Serum and Plasma*, Chapter 4 in: *New Developments in NMR* pp. 85-132 (2018)
- 3532., M. ALA-KORPELA, N. LANKINEN, A. SALMINEN, T.SUNA, P. SOININEN, R. LAATIKAINEN, P. INGMAN, M. JAUHAINEN, M.-R. TASKINEN, K. HÉBERGER, K. KASKI, *Atherosclerosis*, **190**, 352-358 (2007)  
VOROZHTSOV, N.N., *Khimiya Rastitel'nogo Syr'ya*, Issue 3, 2017, Pages 5-37
- 3533., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
D. JIA, S. YI, *BioResources*, **13**, 2916-2931 (2018)
- 3534., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
T. KULCSÁR Data Mining and machine learning algorithms for soft sensor development, *Ph.D theses* University of Pannonia, 2016
- 3535., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3536., K. HÉBERGER, A. P. BOROSY, *Journal of Chemometrics*, **13**, 473-489 (1999)  
LIM, HUI FANG; NAIR, PARAMESWARAN, *Seminars in Respiratory and Critical Care Medicine*, **39**, 56-63 (2018)

- 3537., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
PARK, JEIL; LEE, SHINBEOM; LEE, JAE W., *Industrial & Engineering Chemistry Research*, **57**, 2310-2321 (2018)
- 3538., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
ALLEGRI, F; BRAGA, JWB; MOREIRA, ACO; OLIVIERI, AC, *Analytica Chimica Acta*, **1011**, 20-27 (2018)
- 3539., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)  
HONGZHI LI, WENZE LI, XUEFENG PAN, JIAQI HUANG, TING GAO, LIHONG HU, HUI LI, YINGHUA LU, *Journal of Chemometrics*, **32**, e3023 (2018) <https://doi.org/10.1002/cem.3023>
- 3540., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3541., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)  
SHUXIA GUO, RALF HEINKE, STEPHAN STÖCKEL, PETRA RÖSCH, JÜRGEN POPP, THOMAS BOCKLITZ, *Journal of Raman Spectroscopy*, 2018; pp. 1–11. DOI: 10.1002/jrs.5343
- 3542., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)  
MADI AICHA, Phytochemical characterization and evaluation of biological activities of *Cleome Arabica* PhD Theses, [in French] Université des Freres Mentouri. Constantine 1, Faculté des Sciences de la Nature et de la Vie Département de Biologie et Ecologie Végétale 2017/2018
- 3543., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
MARCO MAGLIONE, Towards a global assessment of pediatric non-cystic fibrosis chronic pulmonary disorders: new insights in disease diagnosis and monitoring, *PhD theses*, Federico II University of Naples, 2016-2017
- 3544., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
COREY OSES, CORMAC TOHER, AND STEFANO CURTAROLO, Autonomous data-driven design of inorganic materials with AFLOW, *arXiv:1803.05035v1* Condensed Matter Physics, Published on 2018-03-15
- 3545., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
KASURINEN S, HAPPO MS, ROÈNKKOÈ TJ, ORASCHE J, JOKINIEMI J, KORTELAJAINEN M, TISSARI J, ZIMMERMANN R, HIRVONEN M- R, JALAVA PI., *PLoS ONE*, **13**(2): e0192453 (2018)
- 3546., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
REDDY, GNM; MANNINA, L; SOBOLEV, AP; CALDARELLI, S, *Food Analytical Methods*, **11**, 1012-1020 (2018)
- 3547., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)

- XIE, WEI-QI; GONG, YI-XIAN; YU, KONG-XIAN, *Journal of Separation Science*, **41**, 1091-1095 (2018)
- 3548., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
NEVES, ANA C. O.; MORAIS, CAMILO L. M.; MENDES, THAIS P. P.; VAZ, BG LIMA, KMG, *Scientific Reports*, **8**, Article Number: 3954 (2018)
- 3549., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLÖSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)  
YAO, S., LI, T., LI, J., LIU, H., WANG, Y. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **198**, 257-263 (2018)
- 3550., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ÖZDEMİR, İ.S., DAĞ, Ç., MAKUC, D., ERTAŞ, E., PLAVEC, J., BEKIROĞLU, S., *LWT - Food Science and Technology*, **92**, 10-15 (2018)
- 3551., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* 117, 1991-2006 (2015)  
SÁDECKÁ, J., JAKUBÍKOVÁ, M., MÁJEK, P., *Food Control*, **88**, 75-84 (2018)
- 3552., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
CHAUHAN, R., KUMAR, R., SHARMA, V., *Microchemical Journal*, **139**, 74-84 (2018)
- 3553., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 3554., HEBERGER K, CSOMOS E, SIMON-SARKADI L, *J. Agric. Food Chem.*, **51**, 8055-8060 (2003)  
AHMADI, P., CHAPOY, A, *Fluid Phase Equilibria*, **463**, 80-90 (2018)
- 3555., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
ZHANG, R., ZHANG, F., CHEN, W., YAO, H., G, J., WU, S., WU, T., DU, Y., *Chemometrics and Intelligent Laboratory Systems*, **175**, 47-54 (2018)
- 3556., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
DE, P., ROY, K., *SAR and QSAR in Environmental Research*, **29**(4), 319-337 (2018)
- 3557., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683- 700 (2015)  
HODYNA, D., KOVALISHYN, V., SEMENYUTA, I., BLAGODATNYI, V., ROGALSKY, S., METELYTSIA, L. *Computational Biology and Chemistry*, **73**, 127-138 (2018)
- 3558., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)

- STOKES, T.D., FOTEINI, M., BROWNFIELD, B., KALIVAS, J.H., MOUSDIS, G., AMINE, A., GEORGIU, C., *Applied Spectroscopy*, **72**, 432-441 (2018)
- 3559., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3560., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- SHAN, X.-L., LIU, X.-T., GONG, C., XU, X., *Analytical Sciences*, **34**, 283-289 (2018)
- 35612., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)
- JANDRIĆ, Z., CANNAVAN, A., *Authentication of Fruit Juices by Metabolomics Using UPLC-QTOF MS* in: *Fruit Juices: Extraction, Composition, Quality and Analysis*, Eds. Gaurav Rajauria, Brijesh K. Tiwari, Academic Press pp. 779-804 (2017)
- 3562., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- LIU, Q. *Journal of International Translational Medicine*, **3**, 136-144 (2015)
- 3563., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- B. MRZYGLÓD, M. HAWRYLUK, Z. GRONOSTAJSKI, A. OPALIŃSKI, M. KASZUBA, S. POLAK, P. WIDOMSKI, J. ZIEMBA, M. ZWIERZCHOWSKI, *Archives of Civil and Mechanical Engineering*, **18**, 1079-1091 (2018)
- 3564., TOMPOS, A., MARGITFALVI, J.L., TFIRST, E., HÉBERGER, K., *Applied Catalysis A: General*, **324**, 90-93 (2007)
- M. ESTEKI, Z. SHAHSAVARI, J. SIMAL-GANDARA, *Food Control*, **91**, 100-112 (2018) DOI: 10.1016/j.foodcont.2018.03.031
- 3565., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- 3566., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 3567., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- 3568., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005) (twice)
- M. N. CLIFFORD, I. A. LUDWIG, A. CROZIER, *Chemical composition of coffee beans: an overview*. In: *Achieving sustainable cultivation of coffee, Breeding and quality traits*, Edited by Dr Philippe Lashermes, Burleigh Dodds, Sci. Publishing. 2018
- 3569., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- J. T. RISTOVSKI, N. JANKOVIC, V. BORCIC, S. JAIN, Z. BUGARCIC, M. MIKOV, *Journal of Pharmaceutical and Biomedical Analysis*, **155**, 42-49 (2018)
- 3570., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3571., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3572., HÉBERGER, B. SKRBIC, *Anal. Chim. Acta*, **716**, 92-100 (2012)

- MOHANRAJ, K; KARTHIKEYAN, BS; VIVEK-ANANTH, RP; CHAND, RPB; APARNA, SR; MANGALAPANDI, P; SAMAL, *Scientific Reports*, **8**, Article Number: 4329, (2018)
- 3573., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- A. K. ZHOKHOV, A. YU. LOSKUTOV, AND I. V. RYBAL'CHENKO, *Journal of Analytical Chemistry*, **73**, 207-220 (2018).
- 3574., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- 3575., HÉBERGER, K., *Quantitative Structure - Retention Relationships*, Chapter 19 in Gas Chromatography, Ed., Poole, C.F., Oxford: Elsevier, pp. 451-475 (2012)
- 3576., O. FARKAS, I. G. ZENKEVICH, F. STOUT, J. H. KALIVAS, K. HEBERGER, *Journal of Chromatography A*, **1198-1199**, 188-195 (2008)
- Y. CHEN, K. XIONG, S. SHEN, H. WANG, S. ZHOU, L. LI, *Chinese Journal of Chemical Engineering*, **in press** 2018  
doi:10.1016/j.cjche.2018.02.013
- 3577., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- SEN YAO, TAO LI, JIEQING LI, HONGGAO LIU, YUANZHONG WANG, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **198**, 257-263 (2018)
- 3578., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- N. SCHAEFFER, H. PASSOS, M. GRAS, V. MOGILIREDDY, J. P. LEAL, G. PEREZ-SANCHEZ, J. R. B. GOMES, I. BILLARD, N. PAPAICONOMOU AND J. A. P. COUTINHO, *Physical Chemistry Chemical Physics*, **20**, 9838-9846 (2018) DOI: 10.1039/C8CP00937F.
- 3579., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- XL SHAN, XT LIU, X XU, *Anal Sci.*, **38**, 234-289 (2018)
- 3580., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)
- SHAMSARA, J., *Open Medicinal Chemistry Journal*, **11**, (2017) 212-221
- 3581., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- YASUYUKI ZUSHI AND SHUNJI HASHIMOTO, *Anal. Chem.*, **90**, 3819-3825 (2018)
- 3582., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- SEJAL SAGLANI, CLARE M. LLOYD, *Biology and Assessment of Airway Inflammation*, Chapter 7 in: Kendig's Disorders of the Respiratory Tract in Children (Ninth Edition), 2019, Pages 101-119.e4
- 3583., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- L. VALVERDE-SOM, C. RUIZ-SAMBLÁS, F. P. RODRÍGUEZ-GARCÍA, L. CUADROS-RODRÍGUEZ, *Journal of the Science of Food and Agriculture*, **98**, 4237-4244 (2018) doi: 10.1002/jsfa.8948
- 3584., ANDRÍC F, HÉBERGER K, *J Chromatogr A*, **1488**, 45-56 (2017).

- JEIL PARK, SHINBEOM LEE, AND JAE W. LEE, *Ind. Eng. Chem. Res.*, **57**, 2310-2321 (2018)
- 3585., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
GYÖNGYI VASTAG, SUZANA APOSTOLOV, BORKO MATIJEVIĆ, FATHI ASSALEH, *Journal of Chromatography B*, **1084**, 141-149 (2018)
- 3586., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)  
BAHMAN AMINI HORRI, MOHAMMADMEHDI CHOO LAEI, ANEEB CHAUDHRY, HASSAN QAALIB, *International journal of hydrogen energy in press*, (2018)
- 3587., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
VALENTE, C.C., BAUER, F.F., VENTER, F., WATSON, B., NIEUWOUDT, H.H., *Scientific Reports*, **8**, Article number 4987 (2018)
- 3588., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
YANG, W., LIAO, N., CHENG, H., LI, Y., BAI, X., DENG, C. *AIP Advances*, **8**, Article number 035216 (2018)
- 3589., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
XU, L., YU, X. LI, M., CHEN, J., WANG, X., *International Journal of Food Properties*, **20**, S2926-S2938 (2018)
- 3590., Á. KESZLER, K. HÉBERGER, and M. GUDE, *HRC-J. High Resolut. Chromatogr.*, **21**, 368-370 (1998)  
BONACCORSI, M., RATENI, G., CAVALLO, F., DARIO, P., Proceedings of IEEE Sensors Volume: 2017-December, (2017) pp. 1-3; 16th IEEE SENSORS Conference, ICSSENS 2017; Scottish Event Campus (SEC) Glasgow; United Kingdom; 30 October 2017 - 1 November 2017; Category numberCFP17SEN-ART; Code 132067
- 3591., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
SLAVCHEV, A., KOVACS, Z., KOSHIBA, H., BAZAR, G., POLLNER, B., KRASTANOV, A., TSENKOVA, R., *Journal of Near Infrared Spectroscopy*, **25**, 423-431 (2017)
- 3592., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ROMA TAULER AND HADI PARASTAR, *Angewandte Chemie International Edition* accepted (2018) DOI: 10.1002/anie.201801134
- 3593., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
SABINA PODLEWSKA AND RAFAŁ KAFEL, *Int. J. Mol. Sci.*, **19**, Article No.:1040 (2018); DOI: 10.3390/ijms19041040
- 3594., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
C. I. STOICA, I. IONUȚ, L. VLASE, B. TIPERCIUC, G. MARC, S. ONIGA, C. ARANICIU, O. ONIGA, *Biomedical Chromatography*, **2018**; e4221. <https://doi.org/10.1002/bmc.4221>
- 3595., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)



- 3596., F. ANDRIC AND K. HÉBERGER, *Journal of Chromatography A* **1380**, 130-138 (2015)
- 3597., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)  
XIAOJUN TANG, FENG ZHANG, WENJING WANG, CHUNRUI TANG, YUNTAO LIANG, FUCHAO TIAN, YONG SUN, AND HAOZHE DONG, *Spectroscopy Letters*, March 2018  
DOI10.1080/00387010.2018.1442350
- 3598., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
V. MANCEBO-CAMPOS, G. FREGAPANE, M. D. SALVADOR, *Eur. J. Lipid Sci. Technol.*, **110**, 969-976 (2008)
- 3599., K. HÉBERGER, S. KEMÉNY and T. VIDÓCZY, *Int. J. Chem. Kinet.*, **19**, 171-181 (1987)  
GUANILO CELIS, DENÍS KEMELLY, Consumption of Energizing Beverages as a Factor Associated to Alcohol Consumption in Medical Students of a Private University *PhD Theses*, Private University Antenor Orrego, Faculty of Human Medicine, Professional School of Human Medicine, Trujillo – Peru, 2017
- 3600., RÁCZ, A., HÉBERGER, K., FODOR, M. *Analytical and Bioanalytical Chemistry*, **408**, 6403-6411 (2016)  
SERESHTI, H., POURSORKH, Z., ALIAKBARZADEH, G., ZARRE, S., *Food Control*, **90**, 48-57 (2018)
- 3601., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
R. AGRAWAL, S. BELEMKAR, C. BONDE, *Chromatographia*, **81**, 565-573 (2018)
- 3602., C. WEST, M. KHALIKOVA, E. LESELLIER, K. HÉBERGER, *Journal of Chromatography A*, **1409**, 241-250 (2015)
- 3603., E. VAN GYSEGHEM, B. DEJAEGHER, R. PUT, P. FORLAY-FRICK, A. ELKIHHEL, M. DASZYKOWSKI, K. HÉBERGER, D.L. MASSART, Y. VANDER HEYDEN, *J. Pharm. Biomed. Anal.*, **41**, 141-151 (2006)
- 3604., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **539**, 1-10 (2005)
- 3605., ANDRIC F., HEBERGER K., *J. Chromatogr. A*, **1488**, 45-56 (2017)  
<https://doi.org/10.1016/j.chrom.a.2017.01.066>  
P. I. MONTEIRO, J. S. SANTOS, V. R. A. BRIZOLA, C. T. P. DEOLINDO, A. KOOT, R.A BOERRIGTER-EENLING, S. VAN RUTH, K. GEORGOULI, A. KOIDIS, D. GRANATO, *Food Control*, **91**, 276-283 (2018)
- 3606., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
A. SAYAGO, R. GONZÁLEZ-DOMÍNGUEZ, R. BELTRÁN, Á. FERNÁNDEZ-RECAMALES, *Food Chemistry*, **261**, 42-50 (2018)
- 3607., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- 3608., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)

- F. L. GEWERS, G. R. FERREIRA, H. F. DE ARRUDA, F. N. SILVA, C. H. COMIN, D. R. AMANCIO, AND L. DA F. COSTA, *arXiv:1804.02502v1* [cs.CE]
- 3609., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**, 2111-2115 (2005)
- LARA MORAN, SONIA ANDRES, PAUL ALLEN, AIDAN P. MOLONEY, *Meat Science*, **142**, 52-58 (2018)
- 3610., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- LEANDRO GABRIE RADUSKY, *PhD theses*, Bioinformatics tools for analysis structural protein at genomic scale, University of Buenos Aires, Faculty of Exact and Natural Sciences Department of Biological Chemistry, 2017 [in Spanish]
- 3611., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- BAICHUAN DENG, HONGMEI LU, CHENGQUAN TAN, JINPING DENG, YULONG YIN, Model population analysis in model evaluation *Chemometrics and Intelligent Laboratory Systems*, **172**, 223-228 (2018)
- 3612., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3613., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)
- MARIA STELLA COSIO, ANDREA ROMANO, MATTEO SCAMPICCHIO, *Olive Oil and Electronic Nose*, Chapter 9 in: *Electronic Noses and Tongues in Food Science*. <http://dx.doi.org/10.1016/B978-0-12-800243-8.00009-3>  
1st Edition, Editor: Maria Rodriguez Mendez, Series Editors: Victor Preedy Imprint: Academic Press, Elsevier, 2016.
- 3614., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- D. GRANATO, P. PUTNIK, D. B. KOVACEVIC, J. S. SANTOS, V. CALADO, R. S. ROCHA, A. G. DA CRUZ, B. JARVIS, O. YE RODIONOVA, AND A. POMERANTSEV, *Comprehensive Reviews in Food Science and Food Safety*, 2018 **in press**
- 3615., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 3616., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- GABOR JARVAS, JANOS KONTOS, GABRIELLA BABICS, ANDRAS DALLOS, *Fluid Phase Equilibria*, **468**, 9-17 (2018)
- 3617., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- 3618., TOMPOS, A., MARGITFALVI, J.L., TFIRST, E., HÉBERGER, K., *Applied Catalysis A: General*, **324**, 90-93 (2007)
- MAŁGORZATA WESOŁY, PATRYCJA CIOSEK-SKIBIŃSKA, *Sensors and Actuators B Chemical*, **267**, 570-580 (2018)
- 3619., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- WAKTOLA, H.D., MJØS, S.A., *Journal of Separation Science*, **41**, 1582-1592 (2018)
- 3620., K. HÉBERGER, *Chemometrics Intell. Lab. Syst.*, **47**, 41-49 (1999)

- PODLEWSKA, S., KAFEL, R., *International Journal of Molecular Sciences* **19**, Article number 1040 (2018)
- 3621., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- KAR, S; TUDU, B; BAG, AK; BANDYOPADHYAY, R, *Food Analytical Methods*, **11**, 1291-1302 (2018)
- 3622., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- L. EVANNO, D. LACHKAR, A. LAMALI, A. BOUFRIDI, B. SÉON-MÉNIEL, F. TINTILLIER, D. SAULNIER, S. DENIS, G. GENTA-JOUVE, J.-C. JULLIAN, K. LEBLANC, M. A. BENIDDIR, S. PETEK, C. DEBITUS, AND E. POUPON, *Eur. J. Org. Chem.*, **2018**, 2486-2497  
DOI: 10.1002/ejoc.201800047
- 3623., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- N. HOUNSOME AND B. HOUNSOME, LOBO, M.G., *Biochemistry of Vegetables: Major Classes of Primary (Carbohydrates, Amino Acids, Fatty Acids, Vitamins, and Organic Acids) and Secondary Metabolites (Terpenoids, Phenolics, Alkaloids, and Sulfur-Containing Compounds)* Chapter 2 in Handbook of Vegetables and Vegetable Processing, Edited by Muhammad Siddiq and, Mark A. Uebersax © 2018 Wiley-Blackwell Publishing Ltd.
- 3624., JAKAB A, NAGY K., HÉBERGER K., VÉKEY K., FORGÁCS E., *Rapid Commun. Mass Spectr.*, **16**, 2291-2297 (2002)
- MEGIAS-PEREZ, R; GRIMBS, S; D'SOUZA, RN; BERNAERT, H; KUHNERT, N *Food Chemistry*, **258**, 284-294 (2018)
- 3625., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- TURI, KN; ROMICK-ROSENDALE, L; RYCKMAN, KK; HARTERT, TV *Journal of Allergy and Clinical Immunology*, **141**, Issue: 4, 1191-1201, (2018)
- 3626., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- X. YIN, X. XU, Q. ZHANG AND J. XU, *Molecules*, **23**, Article No. 1001 (2018) doi:10.3390/molecules23051001
- 3627., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- M. KHARBACH, R. KAMAL, M. A. MANSOURI, I. MARMOUZI, J. VIAENE, Y. CHERRAH, K. ALAOU, J. VERCAMMEN, A. BOUKLOUZE, Y. VANDER HEYDEN, *Food Chemistry*, **263**, 8-17 (2018)
- 3628., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- WESOŁY, M, CIOSEK – SKIBIŃSKA, P., *Sensors and Actuators, B: Chemical*, **267**, 570-580(2018)
- 3629., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- SIPOS, L., GERE, A., POPP, J., KOVÁCS, S., *Journal of Chemometrics*, 32(4), e3011 (2018)

- 3630., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3631., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3632., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)  
SINGH, P., SRIVASTAVA, A.N., SHARMA, R., MATEEN, S., SHUKLA, B., SINGH, A., CHANDEL, S., *Asian Pacific Journal of Cancer Prevention*, **19**, (2018) 1053-1058
- 3633., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
STASIAK, J; KOBÁ, M; GACKOWSKI, M; BACZEK, T, *Combinatorial Chemistry & High Throughput Screening*, **21**, 125-137 (2018)
- 3634., A. DALLOS, H. S. NGO, R. KRESZ, K. HÉBERGER *J. Chromatogr. A*, **1177**, 175-182 (2008)  
DE SOUZA, A; ARISTONE, F; ARSIC, M; KUMAR, U, *Ozone-Science & Engineering*, **40**, 237-247 (2018)
- 3635., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
S. N. JIMENEZ-GARCIA, M. A. VÁZQUEZ-CRUZ, R. MIRANDA-LOPEZ, L. GARCIA-MIER, R. G. GUEVARA-GONZÁLEZ, A. A. FERREGRINO-PEREZ, *Pol. J. Food Nutr. Sci.*, (2018) **68**, No. 4, DOI: 10.2478/pjfn-2018-0003
- 3636., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
R. GOSH, *Processes*, **6**, 44; (2018) doi:10.3390/pr6050044
- 3637., C. WEST, M. KHALIKOVA, E. LESELLIER, K. HÉBERGER, *Journal of Chromatography A*, **1409**, 241-250 (2015)  
M. A. QUELAL-VÁSCONEZ, É. PÉREZ-ESTEVE, A. ARNAU-BONACHERA, J. M. BARAT, P. TALENS, *Food Control*, **92**, 183-189 (2018) DOI: 10.1016/j.foodcont.2018.05.001
- 3638., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ILKER ÜN, SALIM OK, *J Food Sci Technol*, **55**, 2476-2487 (2018) <https://doi.org/10.1007/s13197-018-3165-3>
- 3639., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- 3640., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* **117**, 1991-2006 (2015)  
NANDY, A., ROY, K., SAHA, A. *Current Computer-Aided Drug Design*, **14**(1), 54-67 (2018)
- 3641., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683- 700 (2015)  
LUAN, F., WANG, T., TANG, L., ZHANG, S., NATÁLIA DIAS SOEIRO CORDEIRO, M., *Molecules*, Article number 1002 (2018)

- 3642., C. BERTINETTO, C. DUCE, R. SOLARO, M. R. TINÉ, A. MICHELI, K. HÉBERGER, A. MILIČEVIĆ, S. NIKOLIĆ, *MATCH - Communications in Mathematical and in Computer Chemistry*, **70**, 1005-1021 (2013)  
KANG, D., PANG, X., LIAN, W., XU, L., WANG, J., JIA, H., ZHANG, B., LIU, A.-L., DU, G.-H., *RSC Advances*, **8**, 5286-5297 (2018)
- 3643., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
N. NITTHIKAN, P. LEELAPORNPISID, S. NATAKANKITKUL, W. CHAIYANA, M. MUELLER, H. VIERNSTEIN, AND K. KIATTISIN, *Journal of Nanotechnology*, **2018**, Article ID 7865024
- 3644., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
H. YISAK, M. RED-ABSHIRO AND B. S. CHANDRAVANSI, *Chemistry Central Journal*, **12**, Article No: 59 (2018)
- 3645., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
NATAN DA ROCHA LOPES, Masters Dissertation. Authentication of salinas cachaças employing pre concentration by "ring oven" and optical issuing spectroscopy in laser induced plasma (LIBS). [In portugual] Universidade Estadual De Campinas Instituto De Química, Campinas, Brasil, 2018.
- 3646., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
B. SCAGLIA, F. TAMBONE, L. CORNO, V. ORZI, Y. LAZZARINI, G. GARUTI, F. ADANI, *Science of the Total Environment*, **637-638**, 791-802 (2018)
- 3647., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
M. JACOB, A. MALKAWI, N. ALBAST, S. AL BOUGHA, A. LOPATA, M. DASOUKI, A. M. ABDEL RAHMAN, *Analytica Chimica Acta*, in press 2018
- 3648., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
SUSS, S; SOBISCH, T; PEUKERT, W; LERCHE, D; SEGETS, D *Advanced Powder Technology*, **29**, 1550-1561 (2018)
- 3649., ADAMSKA, K, VOELKEL, A, HEBERGER, K, *Journal of Chromatography A*, **1171**, 90-97 (2007)  
PETAR ZUVELA, JONATHAN DAVID, AND MING WAH WONG, *Journal of Computational Chemistry*, **39**, 953-963 (2018)
- 3650., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- 3651., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- 3652., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3653., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **536**, 71-81 (2005)
- 3654., HÉBERGER, B. SKRBIC, *Anal. Chim. Acta*, **716**, 92-100 (2012)  
YUNUS, N.A., ZAKI, N.M., ALWI, S.R.W., *Chemical Engineering Transactions*, **63**, 583-588 (2018)

- 3655., BIELICKA-DASZKIEWICZ, K; VOELKEL, A; PIETRZYNSKA, M; HEBERGER, K, *J. Chromatogr. A*, **1217**, 5564-5570 (2010)  
ABBATANGELO, M., NÚÑEZ-CARMONA, E., SBERVEGLIERI, V., ZAPPA, D., COMINI, E., SBERVEGLIERI, G., *Sensors (Switzerland)*, **18**, Issue 5, 18 May 2018, Article number 1617
- 3656., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
RYNA DWI YANUARYSKA, *Journal of Dentistry Indonesia*, **25**(1), 53-57 (2018)
- 3657, SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
S. SLAVOV, I. STOYANOVA-SLAVOVA, S. LI, J.A ZHAO, R. HUANG, M. XIA, R. BEGER, *Arch Toxicol*, **91**, 3885–3895 (2017)
- 3658., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
R. KUMAR, V. SHARMA, *Trends in Analytical Chemistry*, **105**, 191-201 (2018)
- 3659., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
GHOSH, R, *Processes*, **6**, Article number 44 (2018)
- 3660., C. WEST, M. KHALIKOVA, E. LESELLIER, K. HÉBERGER, *Journal of Chromatography A*, **1409**, 241-250 (2015)  
MILOJKOVIĆ-OPSENICA, D., ANDRIĆ, F., ŠEGAN, S., TRIFKOVIĆ, J., TEŠIĆ, Ž. *Journal of Liquid Chromatography and Related Technologies*, **41**(6), 272-281 (2018)
- 3661., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)  
HASSINA LARBI, LINDA DIDAOU, MICHEL RIGHEZZA, *Journal of the Iranian Chemical Society*, **15**, (10) 2295-2305 (2018)  
<https://doi.org/10.1007/s13738-018-1418-8>
- 3662., ANDRIC F., HEBERGER K., *J. Chromatogr. A*, **1488**, 45-56 (2017)  
PEDRO F. M. SOUSA, ANGELA DE WAARD, K. MAGNUS ABERG, *Anal. Bioanal. Chem.*, **410**, 5229-5235 (2018)  
<https://doi.org/10.1007/s00216-018-1173-9>
- 3663., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
ZHAO, QN; LV, XZ; JIA, YX; CHEN, Y; XU, GY; QU, L,J *Poultry Science*, **97**, 2239-2245 (2018)
- 3664., RÁCZ, A., VASS, A., HÉBERGER, K., FODOR, M., *Analytical and Bioanalytical Chemistry*, **407**, art. no. 8506, 2887-2898 (2015)  
EFENBERGER-SZMECHTYK, M., NOWAK, A., KREGIEL, D. *Critical Reviews in Food Science and Nutrition*, **58**, 1747-1766 (2018)
- 3665., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ZHANG, Y., ZHANG, X., QI, W., XU, J., YUAN, Z., WANG, Z., *Cellulose Chemistry and Technology*, **52**, 259-264 (2018)
- 3666., TOMPOS, A., MARGITFALVI, J.L., TFIRST, E., HÉBERGER, K., *Applied Catalysis A: General*, **324**, 90-93 (2007)

- OFORI, J.A., HSIEH, Y.-H.P., *Monoclonal antibodies as diagnostic tools for addressing food allergy and food fraud* in *Advances in Health and Disease*: **5**, 1-58, Ed: Duncan, L.T., Nova Science Publishers, 2018
- 3667., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- RAFI, M., JANNAH, R., HERYANTO, R., KAUTSAR, A., SEPTANINGSIH, D.A., *International Food Research Journal*, **25**, 643-648 (2018)
- 3668., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- PETER LANKHORST, AN-NI CHANG: *The Application of NMR in Compositional and Quantitative Analysis of Oils and Lipids* Chapter in: *Modern Magnetic Resonance*, G.A. Webb (ed.), Springer International Publishing AG 2017 2018, Pages 1743-1764  
DOI 10.1007/978-3-319-28275-6\_108-1
- 3669., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- D. HODYNA, V. KOVALISHYN, I. SEMENYUTA, V. BLAGODATNYI, S. ROGALSKY, L. METELYTSIA, *Computational Biology and Chemistry*, **73**, 127-138 (2018)
- 3670., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- FILIP LJ. ANDRIĆ, Towards polypotent natural products: The Derringer desirability approach and nonparametric ranking for multicriteria evaluation of essential oils, *Journal of Chemometrics*, **32**, e3050 (2018) <https://doi.org/10.1002/cem.3050>
- 3671., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3672., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3673., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683- 700 (2015)
- A. K. HALDER, A. S. MOURA, AND M. N. D. S. CORDEIRO, *Advanced Chemometric Modeling Approaches for the Design of Multitarget Drugs Against Neurodegenerative Diseases*, chapter in *Methods in Pharmacology and Toxicology*, Vol. 39 Springer, Springer Science+Business Media, LLC, part of Springer Nature, 2018
- 3674., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- E. M. BORGES, J. M. LAFAYETTE N. GELINSKI, V. C. DE OLIVEIRA SOUZA, F. BARBOSA JR., B. L. BATISTA, *Food Research International*, **77**, 299-309 (2015)
- 3675., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- POOLE, C.F. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **1092**, 207-219 (2018)
- 3676., ANDRIC F., HEBERGER K., *J. Chromatogr. A*, **1488**, 45-56 (2017)
- AMOS, R.I.J., HADDAD, P.R., SZUCS, R., DOLAN, J.W., POHL, C.A., *TrAC - Trends in Analytical Chemistry*, **105**, (2018) 352-359
- 3677., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)

- MALLORY, E.K., ACHARYA, A., RENSI, S.E., TURNBAUGH, P.J., BRIGHT, R.A., ALTMAN, R.B., *23rd Pacific Symposium on Biocomputing*, **2018** Issue 212669, 2018, Pages 56-67. PSB 2018; Kohala Coast; United States; January 3-7 2018
- 3678., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- LI, YF; WANG, C; WANG, R; WU, YK; ZHANG, L; LIU, BF; CHENG, LM; LIU, X, *Journal of Proteomics*, **181**, 160-169 (2018)
- 3679., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLÖSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)
- BASU, A.; SARKAR, A.; BASAK, P., *International Journal of Pharmaceutical Sciences and Research*, **9**, 1921-1928 (2018)
- 3680., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)
- WANG, JB; LI, W; LI, ZP; WU, WH; TANG, XM, *Journal of Food Science*, **83**, 1542-1551 (2018)
- 3681., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)
- MEHDI NEKOEI, *Journal of Chemical Health Risks JCHR* **8**(2), 117-126(2018)
- 3682., K. HÉBERGER and M. GÖRGÉNYI, *J. Chromatogr. A*, **845**, 21-31 (1999)
- 3683., HÉBERGER K., KOWALSKA T., *Chemometr Intell Lab Syst.*, **47**, 205-217 (1999)
- 3684., HÉBERGER, K., MILCZEWSKA, K., VOELKEL, A., *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **260**, 29-37 (2005)
- SIPOS, L., LADÁNYI, M., LOSÓ, V., KÓKAI, Z., GERE, A., *Elelmiszervizsgalati Közlemenyek*, **63**, 1740-1757 (2017)
- 3685., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3686., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- WILSON, WB; HAYES, HV; CAMPIGLIA, AD; WISE, SA, *Analytical and Bioanalytical Chemistry*, **410**, 4177-4188 (2018)
- 3687., O. FARKAS, K. HÉBERGER, I. G. ZENKEVICH, *Chemometrics Intell. Lab. Syst.*, **72**, 173-184 (2004)
- T. J. RÖNKKÖ, P. I. JALAVA., M. S. HAPPO, S. KASURINEN, O. SIPPULA, A. LESKINEN, H. KOPONEN, K. KUUSPALO, J. RUUSUNEN, O. VÄISÄNEN, L. HAO, A. RUUSKANEN, J. ORASCHE, D. FANG, L. ZHANG, K. E.J. LEHTINEN, Y. ZHAOF, C. GU, Q WANG, J. JOKINIEMI, M. KOMPPULA, M-R. HIRVONEN, *Science of the Total Environment*, **639**, 1290-1310 (2018)
- 3688., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)
- ALBERTO OLIVARES ALARCOS: *M.Sc. Theses*. Universitat Politecnica de Catalunya, Facultat d'Informatica de Barcelona Barcelona, pp. 1-103 (2018)
- 3689., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- ESTEKI, M. SIMAL-GANDARA, J., SHAHSAVARI, Z, ZANDBAAF, S., DASHTAKI, E., VANDER HEYDEN, Y., *Food Control*, **93**, 165-182 (2018)



- 3690., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
D. H. NGUYEN, C. H. NGUYEN AND H. MAMITSUKA, *Bioinformatics*, **34**, i323-i332 (2018)
- 3691., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLÖSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)  
M. LI, H. ZHANG, L. LIU, B. CHEN, L. GUAN AND Y. WU, *Appl. Sci.*, **8**, 1121 pp. 1-15 (2018)
- 3692., HÉBERGER, B. SKRBIC, *Anal. Chim. Acta*, **716**, 92-100 (2012)  
S. H. BAI, I. TAHMASBIAN, J. ZHOU, T. NEVENIMO, G. HANNET, D. WALTON, B. RANDALL, T. GAMA, H. M. WALLACE, *ComputERS AND ELECTRONICS IN AGRICULTURE*, **151**, 492-500 (2018)
- 3693., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
HUNG, YUNG; VERBEKE, WIM, *Food Quality and Preference*, **70**, 21-31 (2018)
- 3694., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)  
NAVARRO, G; MARTINEZ-PINILLA, E; ORTIZ, R; NOE, V; CIUDAD, CJ; FRANCO, R, *Comprehensive Reviews in Food Science and Food Safety*, **17**, 808-826 (2018)
- 3695., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)  
XIA, XL; LUO, Y; ZHANG, QW; HUANG, Y; ZHANG, B *Journal of Agricultural and Food Chemistry*, **66**, 6348-6356 (2018)
- 3696., HEBERGER K, CSOMOS E, SIMON-SARKADI L, *J. Agric. Food Chem.*, **51**, 8055-8060 (2003)  
BRIZ, M.R.M., RUIZ, B.S., BRAVO-CLEMENTE, L, Methylxanthines: Dietary sources, bioavailability, and health benefits (Chapter 10). *Fruit and Vegetable Phytochemicals: Chemistry and Human Health: Second Edition* Elhadi M. Yahia (Editor) Volume 1, Wiley-Blackwell, pp. 183-198 (2017)
- 3697., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food Chem.*, **57**, 4224-4235 (2009)  
MSAGATI, T.A.M. *Food forensics and toxicology*, Wiley-Blackwell, pp. 1-436 (2016)
- 3698., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- 3699., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
A. P. POPOVA AND M. B. HERSHENSON, *Pediatric Research*, **in press** 2018 doi:10.1038/s41390-018-0119-4
- 3700., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
A. A. D'ARCHIVIO, F. DI DONATO, M. FOSCHI, M. A. MAGGI, AND F. RUGGIERI, *Molecules*, **23**, Article No 1851 (2018); doi:10.3390/molecules23081851

- 3701., HEBERGER, K, *TrAC - Trends Anal. Chem.*, **29**, 101-109 (2010)  
GRANDA, JM; DONINA, L; DRAGONE, V; LONG, DL; CRONIN, L, *Nature*, **559**, Issue: 7714, Pages: 377-381 (2018)  
DOI: 10.1038/s41586-018-0307-8
- 3702., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
KUMAR, V; KARNJKAR, Y; GEORGE, P; SINGH, RK; CHOWDHURY, P, *Chemical Papers*, **72**, 2055-2069 (2018)
- 3703., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
LOURENCO, JOAO MIGUEL; LEBENSZTAJN, LUIZ, *IEEE Transactions on Magnetics*, **54**, Article Number: 8202810 (2018)
- 3704., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3705., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- 3706., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3709., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683- 700 (2015)
- 3710., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)  
LEE, L. C.; LIONG, C.-Y.; JEMAIN, A. A., *Analyst*, **143**, 3526-3539 (2018)
- 3711., RÁCZ A, BAJUSZ D, FODOR M, HÉBERGER K, *Chemometrics and Intelligent Laboratory Systems*, **151**, 34-43 (2016)  
CABRERA-BAÑEGIL, M., VALDÉS-SÁNCHEZ, E., MORENO, D., AIRADO-RODRÍGUEZ, D., DURÁN-MERÁS, I., *Food Chemistry*, **270**, 162-172 (2019)
- 3712., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
JUDYCKA, U., JAGIELLO, K., GROMELSKI, M., BOBER, L., BŁAŻEJOWSKI, J., PUZYN, T. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **1095**, 8-14 (2018)
- 3713., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
LOGUE, B.A., ZHANG, Z., MANANDHAR, E., PAY, A.L., CROUTCH, C.R., PETERS, E., SOSNA, W., RIOUX, J.S., VERESS, L.A., WHITE, C.W., *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **1093-1094**, 119-127 (2018)
- 3714., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
MULIA, I, KUSUMA, W.A., AFENDI, F.M., *Telkonnika (Telecommunication Computing Electronics and Control)*, **16**, 1785-1792 (2018)
- 3715., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
BAHRAMI, G., NABIYAR, H., SADRJAVADI, K., SHAHLAEI, M., *Iranian Journal of Pharmaceutical Research*, **17**, 864-882 (2018)
- 3716., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)

- AL-ANZI, F.S., ABUZEINA, D., *Proceedings - 2017 International Conference on Engineering and MIS, ICEMIS 2017*, 29 January 2018, Pages 1-62017 International Conference on Engineering and MIS, ICEMIS 2017; University of Monastir, Monastir; Tunisia; 8-10 May 2017; Category number CFP17HAA-ART; Code 134460
- 3717., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- KIM, J; YANG, S; JO, CH; CHOI, JD; KWON, K; AHN, S; CHUN, HS; KIM, Bh, *European Journal of Lipid Science and Technology*, **120**, Article Number: 1700480 (2018)
- 3718., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)
- 3719., JAKAB A, NAGY K., HÉBERGER K., VÉKEY K., FORGÁCS E., *Rapid Commun. Mass Spectr.*, **16**, 2291-2297 (2002)
- N. M. BHATT, V. D. CHAVADA, M. SANYAL, P. S. SHRIVASTAV, *Journal of Chromatography A*, 1571 (2018) 223-230  
<https://doi.org/10.1016/j.chroma.2018.08.009>
- 3720., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)
- 3721., VRACKO, M; MINOVSKI, N; HEBERGER, K, *Acta Chimica Slovenica*, **57**, 586-590 (2010)
- 3722., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3723., HÉBERGER K, RAJKÓ R., *Journal of Chemometrics*, **16**, 436-443 (2002)
- 3724., ANDRIĆ, F., HÉBERGER, K., *Journal of Chromatography A*, **1380**, 130-138 (2015)
- WANG, Y.A,B, HUANG, H.-Y.B, ZUO, Z.-T., WANG, Y.-Z., *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **205**, 637-648 (2018)
- 3725., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- MEDINA FERRER, F., BAILEY, J.V., CORSETTI, F., MOLDOWAN, J.M., BARBANTI, S.M., CARON, D., BRYANT-HUPPERT, J., *Organic Geochemistry*, **124**, 112-122 (2018)
- 3726., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- SOLOV'eva, A.B., SAVKO, M.A., GLAGOLEV, N.N., AKSENOVA, N.A., TIMASHEV, P.S., BRAGINA, N.A., ZHDANOVA, K.A., MIRONOV, A.F., *Russian Journal of Physical Chemistry A*, **92**, 1621-1626 (2018)
- 3727., VANYUR R, HEBERGER K, JAKUS J, *J. Chem. Inf. Comput. Sci.*, **43**, 1829-1836 (2003)
- PRIETO-MARTINEZ, F.D., MEDINA-FRANCO, J.L., *Letters in Drug Design and Discovery*, **15**, 1002-1011 (2018)
- 3728., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- N. KAUR, S. CHOPRA, G. SINGH, P. RAJ, A. BHASIN, S. K. SAHOO, A. KUWAR AND N. SINGH, *Journal of Materials Chemistry B*, **6**, 4872-4902 (2018)
- 3729., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)

- RAHIMPOUR, E., KHOUBNASABJAFARI, M., JOUYBAN-GHARAMALEKI, V., JOUYBAN, A. *Analytical and Bioanalytical Chemistry* (2018) **410**, 6411-6440  
<https://doi.org/10.1007/s00216-018-1259-4>
- 3730., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
CAPANOGLU, E., KAMILOGLU, S. OZKAN, G. APAK, R., *Evaluation of antioxidant activity/ capacity measurement methods for food products in: Measurement of Antioxidant Activity and Capacity: Recent Trends and Applications*, 273-286 (2017) Eds: R. Apak, E. Capanoglu, F. Shahidi Wiley, Feb. 2018.
- 3731., A. RÁCZ, N. PAPP, E. BALOGH, M. FODOR, K. HÉBERGER, *Anal. Methods*, **7**, 4216-4224 (2015)  
OSTROUKHOVA, E., PESKOVA, I., VYUGINA, M., LEVCHENKO, S.V., *Acta Horticulturae*, **1205**, 327-337 (2018)
- 3732., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
R. SHEIKHPOUR, M. A. SARRAM, E. SHEIKHPOUR, *Information Sciences*, **468**, 14-28 (2018)
- 3733., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)  
A. SANDAK, J. SANDAK, D. JANISZEWSKA, S. HIZIROGLU, M. PETRILLO, AND P. GROSSI, *Journal of Spectroscopy*, (Hindawi) Volume 2018, Article number 6025163  
<https://doi.org/10.1155/2018/6025163>
- 3734., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
T. E MUNGURE, A. EL-DIN BEKHIT, A. CARNE, S. ROOHINEJAD, K. MALLIKARJUNAN, AND J. BIRCH, *Application of HPLC in Characterisation of Triacylglycerols and Detection of Adulteration in Cold Pressed Seed Oils*, *Encyclopedia of Food Chemistry*, 2018  
<https://doi.org/10.1016/B978-0-12-814026-0.22526-2>
- 3735., JAKAB A, NAGY K., HÉBERGER K., VÉKEY K., FORGÁCS E., *Rapid Commun. Mass Spectr.*, **16**, 2291-2297 (2002)  
G. ZHAO, H. NI, L. JIA, S. REN, AND G. FANG, *ACS Omega*, **3**, 9722-9728 (2018)
- 3736., VOELKEL, A.; MILCZEWSKA, K.; HÉBERGER, K. *Anal. Chim. Acta*, **559**, 221-226 (2006)  
U. JUDYCKA, K. JAGIELLO, M. GROMELSKI, L. BOBER, J. BŁAŻEJOWSKI, T. PUZYN, *Structural Chemistry*, 2018 **in press**  
<https://doi.org/10.1007/s11224-018-1174-5>
- 3737., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
V. CONSONNI, R. TODESCHINI, D. BALLABIO, AND F. GRISONI, *Molecular Informatics*, **37**, 1800029 (2018)
- 3738., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)  
OZEN, Z; DASH, RC; MCCARTHY, KR; CHOW, SA; RIZZO, AA; KORZHNEV, DM; HADDEN, MK, *Bioorganic & Medicinal Chemistry*, **26**, 4301-4309 (2018)

- 3739., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
ALAM, A; PANDIT, V; KUMAR, S; NAIK, KK; RAHMAN, M; VERMA, ML, *Indian Journal of Pharmaceutical Education and Research*, **52**, 480-491 (2018)
- 3740., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
WANG, YX; HU, XF; MORALES-RIVERA, CA; LI, GX; HUANG, X; HE, G; LIU, P; CHEN, G, *Journal of the American Chemical Society*, **140**, 9678-9684 (2018)
- 3741., K. HÉBERGER AND A. LOPATA, *J. Org. Chem.*, **63**, 8646-8653 (1998)  
WEN, YV; AMOS, RIJ; TALEBI, M; SZUCS, R; DOLAN, JW; POHL, CA; HADDAD, PR, *Analytical Chemistry*, **90**, 9434-9440 (2018)
- 3742., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
V. SHARMA, D. NANI, R. KUMAR, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **206**, 558-568 (2019)
- 3743., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 3744., HEBERGER K, CSOMOS E, SIMON-SARKADI L, *J. Agric. Food Chem.*, **51**, 8055-8060 (2003)  
YU-JU CHEN, Rapid Analyses of Carotenoids in Tomato Paste Using Handheld Raman Spectroscopy, Master of Science Degree, Theses, The Ohio State University,
- 3745., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ZHAOJIE CHEN, SHIMING SONG, HUILI HUANG, LULU HUANG, RONGHUA CHEN, HUIHUA TAN, XUESHENG LI, *Journal of Food Measurement and Characterization*, 2018, <https://doi.org/10.1007/s11694-018-9891-4>
- 3746., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
S. M. AZCARATE, A. DE ARAÚJO GOMES, A. MUNOZ DE LA PENA, H. C. GOICOECHEA, *Trends in Analytical Chemistry*, **107**, 151-168 (2018)
- 3747., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
TOMASSETTI, M., ANGELONI, R., CASTRUCCI, M., VISCO, G., CAMPANELLA, L., *International Journal of Environmental Analytical Chemistry*, **98**, 676-684 (2018)
- 3748., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
RAFFEE, A.F., RAHMAT, S.N., HAMID, H.A., JAFFAR, M.I., *International Journal of Engineering and Technology(UAE)*, **7**, 32-35 (2018)
- 3749., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
PÉREZ-GRIJALVA, B., GARCÍA-ZEBADÚA, J.CA, RUÍZ-PÉREZ, V.M., TÉLLEZ-MEDINA, D.I., GARCÍA-PINILLA, S., GUZMÁN-GERÓNIMO, R.I., MORA-ESCOBEDO, R. *Revista Mexicana de Ingeniera Quimica*, **17**, 13-28 (2018)
- 3750., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)

- ALEXOPOULOS, C., KAKOULIDIS, E., LAMPI, E., *Proficiency testing in environmental analysis achievements and challenges in: Chromatographic Analysis of the Environment: Mass Spectrometry Based Approaches, Fourth Edition* Eds: Leo M.L. Nollet, Dimitra A. Lambropoulou, CRC press, 371-408 (2017)
- 3751., ŠKRBIĆ, B., HÉBERGER, K., DURISIĆ-MLADENOVIC, N., *Analytical and Bioanalytical Chemistry*, **405**, 8363-8375 (2013)
- NARITA, Y., INOUE, K., *Mechanism of the inhibition by chlorogenic acids against postprandial increase in blood glucose level in: Green Coffee Bean Extract in Human Health* Eds: Debasis Bagchi, Hiroyoshi Moriyama, Anand Swaroop, SRC Press, 89-101 (2016)
- 3752., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- PHAN, A.H., MIYAKAWA, T., TANOKURA, M., *Metabolomics study of green coffee beans, in: Green Coffee Bean Extract in Human Health* Eds: Debasis Bagchi, Hiroyoshi Moriyama, Anand Swaroop, SRC Press, 89-101 (2016)
- 3753., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- ARNAUD, M.J., *Occurrence in plants and In Vitro, animal and human metabolism of chlorogenic acids, in: Green Coffee Bean Extract in Human Health* Eds: Debasis Bagchi, Hiroyoshi Moriyama, Anand Swaroop, SRC Press, 47-88 (2016)
- 3754., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- QIN, S., KROHN, B., DOWNING, J., PETROV, V., MANERA, A., *17th International Topical Meeting on Nuclear Reactor Thermal Hydraulics, NURETH 2017, Volume 2017-September, 2016 Xi'an, Shaanxi; China; 3-8 September 2017 Code 132687*
- 3755., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **539**, 1-10 (2005)
- RIGA, P., BENEDICTO, L., GIL-IZQUIERDO, Á., COLLADO-GONZÁLEZ, J., FERRERES, F., MEDINA, S. *Food Chemistry*, **272**, 227-234 (2019)
- 3756., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- K. SZENTMIHALYI: Kaleidoscope, Művelődés-, Tudomány- és Orvostörténeti Folyóirat 2018. Vol. 9. No. 16. Journal of History of Culture, Science and Medicine e-ISSN: 2062-2597  
DOI: 10.17107/KH.2018.16.171-181 [in Hungarian]
- 3757., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- ERIC BACH, SANDOR SZEDMAK, CELINE BROUARD, SEBASTIAN BOCKER AND JUHO ROUSU, *Bioinformatics*, **34**, i875-i883 (2018)
- 3758., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- COREY OSES, CORMAC TOHER, AND STEFANO CURTAROLO, *MRS Bulletin*, **43**(9) (Data-Centric Science for Materials Innovation) 670-675 (2018)
- 3759., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)

- RODRÍGUEZ, S.D., ROLANDELLI, G., BUERA, M.P., *Food Chemistry*, **274**, 392-401 (2019)
- 3760., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
KHARBACH, M., KAMAL, R., MARMOUZI, I., BARRA, I., CHERRAH, Y., ALAOUI, K., HEYDEN, Y.V., BOUKLOUZE, A., *Food Control*, **95**, 95-105 (2019)
- 3761., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
WANG, Y., ZUO, Z.-T., SHEN, T., HUANG, H.-Y. WANG, Y.-Z., *Analytical Letters*, **51**, 2790-2819 (2018)
- 3762., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
BAGHGOLI, T., MOUSAVI, M., MOHSENI BABABDANI, B., *Chemometrics and Intelligent Laboratory Systems*, **182**, 31-40 (2018)
- 3763., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)
- 3764., G. TOTH, Z. BODAI, K. HEBERGER, *J. Comput. Aid. Mol. Des.* **27**, 837-844 (2013)  
SHEYKHIZADEH, S., NASERI, A., *Journal of the Iranian Chemical Society*, **15**, 2541-2548 (2018)
- 3765., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
STEIDLE NETO, A.J., LOPES, D.C., TOLEDO, J.V., ZOLNIER, S., SILVA, T.G.F., *Journal of Agricultural Science*, **156**, 537-546 (2018)
- 3766., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ROSSETTI, F., MERKYTE, V., LONGO, E., PAVLIC, B.C, JOURDES, M.D, TEISSEDRÉ, P.-L., BOSELLI, E., *Journal of Mass Spectrometry* 2018
- 3767., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
YIN, T., GUO, T., MA, Z., WANG, Z., *IFAC-PapersOnLine*, **51**, 654-659 (2018)
- 3768., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
BAJDA, M., CHŁOŃ-RZEPA, G., ŻMUDZKI, P., CZOPEK, A., STANISZ-WALLIS, K., ŁĄTKA, K., PAWŁOWSKI, M., ZAGÓRSKA, A., *Electrophoresis*, 2018
- 3769., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)  
ZHAO, L., CHEN, M., WANG, X., YANG, J., SHI, Z., CHEN, Q., SONG, J., SHEN, W., TU, Y., *Physics Letters, Section A: General, Atomic and Solid State Physics*, **383**(1), 40-46 (2019)
- 3770., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
GOSETTI, F., BOLFI, B., MAZZUCCO, E., MANFREDI, M., ROBOTTI, E., MARENGO, E., *Natural and Artificial Flavoring Agents and Food Dyes*, 229-260 (2018)
- 3771., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)

- TENA, N., APARICIO-RUIZ, R., KOIDIS, A., GARCÍA-GONZÁLEZ, D.L., *Food Traceability and Authenticity: Analytical Techniques*, chapter 13 (2017) Pages 232-260 in: *Analytical tools in authenticity and traceability of olive oil*, Edited by Didier Montet, Ramesh C. Ray, Taylor and Francis, 2017
- 3772., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)  
 MOREIRA, M.J.P., SARAIVA, C.M.T., DE ALMEIDA, J.M.M.M., *Spectroscopic methods for fresh food authentication: An overview in: Trends in Food Safety and Protection* Eds V Ravishankar Rai, Jamuna A Bai, pp 131-166 CRC press (2017)
- 3773., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)  
 XIE, W.-Q., GONG, Y.-X., YU, K.-X, *Biomedical Chromatography*, **32**, Article number e4288 (2018)
- 3774., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
 XIAO-WEI, H., XIAO-BO, Z., JI-YONG, S., ZHI-HUA, L., JIE-WEN, Z, *Trends in Food Science and Technology*, **81**, 90-107 (2018)
- 3775., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
 SHEYKHIZADEH, S., NASERI, A. *Journal of the Iranian Chemical Society*, **15**, 2541-2548 (2018)
- 3776., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
 BECHERINI, F., DURANTE, C., BOURGUIGNON, E., LI VIGNI, M., DETALLE, V., BERNARDI, A., TOMASIN, P., *Chemistry Central Journal*, 12, Article number 98 (2018)
- 3777., RACZ, A., HEBERGER, K., RAJKO, R., ELEK, J., *Heritage Sci.*, **1**, p. 2. (2013)  
 HUANG, Y., XIAO, H., LIU, Y., GAN, J., YAN, Q, *Chemical Biology and Drug Design*, **93**(1) 29-37 2019
- 3778., ANDRIĆ, F., HÉBERGER, K., *Journal of Chromatography A*, **1380**, 130-138 (2015)  
 SCHIPILLITI, L., BONACCORSI, I., BUGLIA, A.G., MONDELLO, L., *Food Analytical Methods*, 12(1) 121-127 (2019)
- 3779., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**. 2111-2115 (2005)  
 ZHOU, Y., LU, Z., CHENG, K., *Structural and Multidisciplinary Optimization*, **59**, 229-247 (2019)
- 3780., ORSOLYA FARKAS, KÁROLY HÉBERGER, *Journal of Chemical Information and Modeling*, **45**, 339 -346, (2005)  
 MOUSAVI, S., STANZIONE, V., MENCUCCINI, M., BALDONI, L., BUFACCHI, M., MARIOTTI, R., *European Food Research and Technology*, 2018
- 3781., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* 117, 1991-2006 (2015)



- LIM, V.J.Y., DU, W., CHEN, Y.Z., FAN, H., *Proteins: Structure, Function and Bioinformatics*, 2018
- 3782., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- WANG, S., SARRIÁ, B., MATEOS, R., GOYA, L., BRAVO-CLEMENTE, L., *International Journal of Food Sciences and Nutrition*, 2018
- 3783., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- FARAH S, FARIBA S, *Journal of Chromatographic Science*, 2018
- 3784., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- MOTOHIRO SHIMA, SHUJI ADACHI, *Japan Journal of Food Engineering*, **19**, 153-162 (2018)
- 3785., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- TAO FENG, FANGLING BING, YAN YANG, HAINING ZHUANG, RAN YE, XIAOBEI LI, ZHIMIN XU, KAI WANG, *International Journal of Food Science and Technology*, **51**, 1393-1400 (2016)
- 3786., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- ZHANG, YY; ZHANG,.; THAKUR, K; CI, AT; WANG, H; ZHANG, JG; WEI, ZJ, *Food and Chemical Toxicology*, **119**, 489-495 (2018)
- 3787., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- KIM, SANG-MIN; KANG, MOON-SEONG; JANG, MIN-WON, *Paddy and Water Environment*, **16**, 699-714 (2018)
- 3788., K. HÉBERGER, Á. KESZLER, AND M. GUDE: *Lipids*, **34**, 83-92 (1999)
- GUO, SX; KOHLER, A; ZIMMERMANN, B; HEINKE, R; STOCKEL, S; ROSCH, P; POPP, J; BOCKLITZ, T, *Analytical Chemistry*, **90**, 9787-9795 (2018)
- 3789., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- FIBIGR, JAKUB; SATINSKY, DALIBOR; SOLICH, PETR, *Analytica Chimica Acta*, **1036**, 1-15 (2018)
- 3790., RÁCZ, A., VASS, A., HÉBERGER, K., FODOR, M., *Analytical and Bioanalytical Chemistry*, **407**, art. no. 8506, 2887-2898 (2015)
- NIGMATULLIN, RR; SIDELNIKOV, AV; BUDNIKOV, HC; MAKSYUTOVA, EI, *Electroanalysis*, **30**, 2053-2065 (2018)
- 3791., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)
- KELLY, RS; SORDILLO, JE; LASKY-SU, J; DAHLIN, A; PERNG, W; RIFAS-SHIMAN, SL; WEISS, ST; GOLD, DR; LITONJUA, AA; HIVERT, MF, OKEN, E; WU, AC, *Clinical and Experimental Allergy*, **48**, 1297-1304 (2018)
- 3792., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- NORELDEEN, H.A.A., LIU, X., WANG, X., FU, Y., LI, Z., LU, X., ZHAO, C., XU, G., *International Journal of Mass Spectrometry*, **434**, 172-178 (2018)
- 3793., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)

- BAYSAROV, G.M., ZHUMATAYEVA, A.R., MUKUSHEVA, G.K., SHULTS, E.E., SEYDAKHMETOVA, R.B., ADEKENOV, S.M., *Khimiya Rastitel'nogo Syr'ya*, issue 3, 2018, Pages 215-222
- 3794., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- FIORINO, G.M., LOSITO, I., DE ANGELIS, E., ARLORIO, M., LOGRIECO, A.F., MONACI, L., *Food Research International* 2018 in press
- 3795., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- YU, Y.-R., FAN, X., CHEN, L., DONG, X., ZHAO, Y.-P., LI, B., WEI, X.-Y., MA, F.-Y., NULAHONG, A., *Fuel*, **236**, 1037-1042 (2019)
- 3796., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- LLOYD, M.K., RYB, U., EILER, J.M., *Geochimica et Cosmochimica Acta*, **242**, 1-20 (2018)
- 3797., K. HÉBERGER, S. KEMÉNY AND T. VIDÓCZY, *Int. J. Chem. Kinet.*, **19**, 171-181 (1987)
- YULIA, M., SUHANDY, D., *MATEC Web of Conferences*, 197, Article number 090033 rd Annual Applied Science and Engineering Conference, AASEC 2018; Universitas Pendidikan Indonesia Bandung; Indonesia; 18 April 2018; Code 139765 (2018)
- 3798., RÁCZ, A., GERE, A., BAJUSZ, D., HÉBERGER, K., *RSC Advances*, **8**(1) 10-21 (2018)
- NOEL, M., GILORMINI, P.-A., COGEZ, V., LION, C., BIOT, C., HARDUIN-LEPERS, A., GUÉRARDEL, Y., *Bioconjugate Chemistry*, **29**, 3377-3384 (2018)
- 3799., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLŐSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)
- PATEL, V., LALANI, R., BARDOLIWALA, D., GHOSH, S., MISRA, A., *AAPS PharmSciTech*, (2018)
- 3800., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- VEMIĆ, A., KALINIĆ, M., ČOLOVIĆ, J., ERIĆ, S., MALENOVIĆ, A., *Advances in Chromatography*: **54**, 1-42 (2017)
- 3801., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- SALDIVAR-GONZALEZ, FI; GOMEZ-GARCIA A.; DE LEON, DECP; SANCHEZ-CRUZ, N; RUIZ-RIOS, J; PILON-JIMENEZ, BA; MEDINA-FRANCO, JL, *Frontiers in Pharmacology*, **9**, Article Number: 1144 (2018)
- 3802., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- SEMENOV, V., VOLKOV, S., KHAYDUKOVA, M., FEDOROV, A., LISITSYNA, I., KIRSANOV, D., LEGIN, A., *Journal of Food Composition and Analysis*, **75**, 75-80 (2019)
- 3803., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)
- DANG, X., LIU, Z., ZHOU, Y., CHEN, P., LIU, J., YAO, X., LEI, B., *Steroids*, **140**, 83-91 (2018)
- 3804., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Chemical Data Formats, Fingerprints, and Other Molecular Descriptions for Database Analysis and Searching*, (2017)

- Comprehensive Medicinal Chemistry III, 3-8, pp. 329-378. ISBN: 978-012803200-8; 978-012803201-5 <https://doi.org/10.1016/B978-0-12-409547-2.12345-5>  
KROHN, B., QIN, S., DOWNING, J., PETROV, V., MANERA, A.,  
*Nuclear Science and Engineering*, 2018  
<https://doi.org/10.1080/00295639.2018.1507360>
- 3805., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **539**, 1-10 (2005)  
SHERMA, J., RABEL, F. *Journal of Liquid Chromatography and Related Technologies*, 2018
- 3806., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)  
P. M. KHAN, B. RASULEV, AND K. ROY, *ACS Omega*, **3**, 13374-13386 (2018)
- 3807., O. FARKAS, I. G. ZENKEVICH, F. STOUT, J. H. KALIVAS, K. HEBERGER, *Journal of Chromatography A*, **1198–1199**, 188-195 (2008)  
J. I. ALVIRA, I. HITA, E. RODRÍGUEZ, J. M. ARANDES, P. CASTAÑO, *Processes*, **6**, Article No. 243 pp. 1-15 (2018)  
<https://doi.org/10.3390/pr6120243>
- 3808., HÉBERGER, K.; NÉMETH, A.; COTARCA, L.; DELOGU, P. *Appl. Catal. A Gen.* **119**, L7–L12, (1994) doi:10.1016/0926-860X(94)85019-4.  
PORTARENA, S., ANSEMI, C., ZADRA, C., FARINELLI, D., FAMIANI, F., BALDACCHINI, C., BRUGNOLI, E., *Food Control*, **96**, 137-145 (2019)
- 3809., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)  
SONG, X.-C., LIN, Q.-B., ZHANG, Y.-C., LI, Z.B, ZENG, Y., CHEN, Z.-F., *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment* (2018)
- 3810., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
SHAHIDI, F., AMBIGAIPALAN, P., WANASUNDARA, P.K.J.P.D., Extraction and analysis of lipids, Chapter 5 *Food Lipids: Chemistry, Nutrition, and Biotechnology*, Fourth Edition 1 January 2017, Pages 131-166 Edited by Casimir C. Akoh
- 3811., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)  
LU XU, OU HU, YUWAN GUO, MENGQIN ZHANG, DAOWANG LU, CHEN-BO CAI, SHUNPING XIE, MOHAMMAD GOODARZI, HAI-YAN FU, YUAN-BIN SHE, *Chemometrics and Intelligent Laboratory Systems*, **183**, 29-35 (2018)
- 3812., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)  
PLACHKA, KATERINA; SVEC, FRANTISEK; NOVAKOVA, LUCIE, *Analytica Chimica Acta*, **1039**, 149-161 (2018)
- 3813., C. WEST, M. KHALIKOVA, E. LESELLIER, K. HÉBERGER, *Journal of Chromatography A*, **1409**, 241-250 (2015)

- KUMAR, VIKAS; SINGH, RAGHUBANSH K.; CHOWDHURY, PRADIP, *Journal of Industrial and Engineering Chemistry*, **67**, 109-122 (2018)
- 3814., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
 LU, L., FANG, C., HU, Z., HU, X., ZHU, Z., *Sensors and Actuators, B: Chemical*, **281**, 22-27 (2019)
- 3815., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
 WANG, Y., ZHANG, Q., ZHANG, Y., ZHAO, H., TAN, F., WU, X., CHEN, J., *Chemosphere*, **216**, 516-523 (2019)
- 3816., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
 CHEN, H., LIN, Z., TAN, C., *Vibrational Spectroscopy*, **99**, 178-183 (2018)
- 3817., RÁCZ, A., HÉBERGER, K., FODOR, M. *Analytical and Bioanalytical Chemistry*, **408**, 6403-6411 (2016)  
 SILVA, L.C., NEVES, B.J., GOMES, M.N., MELO-FILHO, C.C., SOARES, C.M.A., ANDRADE, C.H., PEREIRA, M., *Future Microbiology*, **13**, 1523-1535 (2018)
- 3818., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
 LI, L., LI, C., WU, Y., YANG, Y., ZHANG, Y., ZHANG, H., WU, B., LIU, L., XIE, R., *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11268 LNCS, 2018, Pages 56-64 Asia Pacific Web (APWeb) and Web-Age Information Management (WAIM) Joint Conference on Web and Big Data, APWeb-WAIM 2018; Macau; China; 23-25 July 2018 Code 219859  
 Spectroscopy-Based Food Internal Quality Evaluation with XGBoost Algorithm
- 3819., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
 MANUELLE SCHNEIDER, *M.Sc. Theses*. Determination of adulteration of the mate herb by adding saccharose by employing infrared spectroscopy (atr-ftir) in conjunction with chemometric tools, Federal University of Rio Grande Do Sul, Institute of Chemistry, 2017.
- 3820., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
 DIEGO BADERNAA, FRANCESCA CALONI, EMILIO BENFENATI, *Environ. Internat.* **122**, 21-30 (2019)  
<https://doi.org/10.1016/j.envint.2018.11.024>
- 3821., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
 YU TIAN, JUANJUAN FENG, XIUQIN WANG, CHUANNAN, LUO, MIN SUN, *Journal of Chromatography A*, **1583**, 48-54 (2019)  
<https://doi.org/10.1016/j.chroma.2018.11.018>
- 3822., KESZLER, A., HÉBERGER, K, *J. Chromatogr. A*, **845**, 337-347 (1999)  
 S. VERDURA, E. CUYÀS, J. LOZANO-SÁNCHEZ, C. BASTIDAS-VELEZ, L. LLORACH-PARÉS, S. FERNÁNDEZ-ARROYO, A.

- HERNÁNDEZ-AGUILERA, J. JOVEN, A. NONELL-CANALS, J. BOSCH-BARRERA, B. MARTIN-CASTILLO, L. VELLON, M. SANCHEZ-MARTINEZ, A. SEGURA-CARRETERO, J. A. MENENDEZ, *Carcinogenesis*, 2018,  
<https://doi.org/10.1016/10.1093/carcin/bgy159>.
- 3823., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- B. KOUTEK, M. FULEM, T. MAHNEL, P. ŠIMÁČEK, AND K. RŮŽIČKA, *J. Chem. Eng. Data*, 63(12), 4649-4661 (2018)
- 3824., K. HÉBERGER, M. GÖRGÉNYI, T. KOWALSKA, *J. Chromatogr. A*, **973**, 135-142 (2002)
- 3825., M. GÖRGÉNYI and K. HÉBERGER, *J. Chromatogr. A* **985**, 11-19 (2003)
- 3826., K. HÉBERGER, M. GÖRGÉNYI, T. KOWALSKA, *J. Chromatogr. Sci.*, **42**, 288-292(2004)
- 3827., T. KOWALSKA, K. HEBERGER, M. GÖRGÉNYI, *Acta Chromatogr.*, **13**, 60-68 (2003)
- L. A. DE SOUZA, H. C. DA SILVA, AND W. B. DE ALMEID, *ChemistryOpen*, **7**, 902-913 (2018)
- 3828., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- P. LINCIANO, L. CENDRON, E. GIANQUINTO, F. SPYRAKIS, AND D. TONDI, *ACS Infectious Diseases*, **5**(1) 9-34 (2018)  
<https://doi.org/10.1021/acsinfecdis.8b00247>
- 3829., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- F. D'SOUZA, S. UPPANGALA, G. ASAMPILLE, S. R. SALIAN, G. KALTHUR, R. TALEVI, H. S. ATREYA, S. K. ADIGA, *Scientific Reports*, **8**, 17025(2018) <https://doi.org/10.1038/s41598-018-35342-2>
- 3830., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)
- GOMES, GD; LOGINOVA, Y; VATSADZE, SZ; ALABUGIN, IV, *Journal of The American Chemical Society*, **140**, 14272-14288(2018)
- 3831., K. HÉBERGER AND A. LOPATA, *J. Org. Chem.*, **63**, 8646-8653 (1998)
- BAERENFAENGER, M.; MEYER, B., *Journal of Proteome Research*, **17**, 3693-3703 (2018)
- 3832., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLŐSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)
- DE SOUZA, A.; DA SILVA S., DEBORA A., *Nativa*, **6**, 639-647 (2018)
- 3833., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)
- AL-TAMEEMI, M., ARIF, S., CAMPIGLIA, A.D., WILSON, W.B., WISE, S.A., *Talanta*, **194**, 930-940 (2019)
- 3834., O. FARKAS, K. HÉBERGER, I. G. ZENKEVICH, *Chemometrics Intell. Lab. Syst.*, **72**, 173-184 (2004)
- NOORI, H.R., MERVIN, L.H., BOKHARAIE, V., DURMUS, Ö., EGENRIEDER, L., FRITZE, S., GRUHLKE, B., REINHARDT, G., SCHABEL, H.-H., STAUDENMAIER, S., LOGOTHETIS, N.K.,

- BENDER, A., SPANAGEL, R., *Nature Communications*, **9**, Article number 4699 (2018)
- 3835., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- ALI, N., GIRNUS, S., RÖSCH, P., POPP, J., BOCKLITZ, T. *Analytical Chemistry*, **90**, 12485-12492 (2018)
- 3836., K. HÉBERGER, S. KEMÉNY and T. VIDÓCZY, *Int. J. Chem. Kinet.*, **19**, 171-181 (1987)
- VASTAG, G., APOSTOLOV, S., MIJIN, D., GRBOVIĆ, L., KAURINOVIĆ, B., *Journal of Chemometrics*, (2018) Article number e3091
- 3837., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)
- 3838., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)
- DANKOWSKA, A., KOWALEWSKI, W., *European Food Research and Technology*, 2018 <https://doi.org/10.1007/s00217-018-3196-z>
- 3839., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)
- QUEK, M.C., CHIN, N.L., YUSOF, Y.A., LAW, C.L., TAN, S.W., *International Journal of Food Properties*, **21**, 1680-1696 (2018)
- 3840., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- ZHANG, B., HU, R., SUN, D., WU, T., LI, Y., *Journal of Chemical and Engineering Data*, 2018 <https://doi.org/10.1021/acs.jced.8b00739>
- 3841., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- BAHARUM, S.N., AZIZAN, K.A., *Metabolomics in systems biology* (Chapter 4) in *Advances in Experimental Medicine and Biology*, Volume 1102, pp. 51-68. Eds: Wan Mohd Aizat, Hoe-Han Goh, Bangi, Selangor, Springer Nature Switzerland AG, Cham, 2018
- 3842., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- KANEKO, G., USHIO, H., JI, H., *Fisheries Science*, **85**, 1-17 (2019) <https://doi.org/10.1007/s12562-018-1266-6>
- 3843., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)
- CHEN, F.-N., CHEN, P.-L., XIE, Y.-P., YING, N.-J., HAMED, H.M., YANG, Y., *Jiliang Xuebao/Acta Metrologica Sinica*, **38**, (2017) 765-769
- 3844., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- TEIXEIRA, J.A., VICENTE, A.A., DA SILVA, F.F.M., DA SILVA, J.S.A.L., MARTINS, R.M.C., *Process analytical technology*, in: *Engineering Aspects of Food Biotechnology*, (2013) Pages 266-288, Eds: Jose A. Teixeira, Antonio A. Vicente, CRC Press, 2017
- 3845., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)

- D. FEKETE, G. BALÁZS, V. BÖHM, E. VÁRVÖLGYI and N. KAPPEL, *Acta Alimentaria*, Vol. **47** (4), pp. 487–494 (2018)  
<https://doi.org/10.1556/066.2018.47.4.12>
- 3846., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 3847., A. GERE, L. SIPOS, S. KOVÁCS, Z. KÓKAI, and HÉBERGER, *Chemometr. Intell. Lab. Syst.*, **161**, 130-135 (2017)
- 3848., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
R. C. GUEDES, T. RODRIGUES, *Drug target prediction using chem- and bioinformatics*, in: *Physical Sciences Reviews*, Ed. by M. Giamberini, et al. 2018 <https://doi.org/10.1515/psr-2018-0112>
- 3849., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
MI JIN PARK, DA HYE RYU, JWA YEONG CHO, IN JONG HA, JIN SEONG MOON, YOUNG-HWA KANG, *Horticulture, Environment, and Biotechnology*, **59**, 919-927 (2018)  
<https://doi.org/10.1007/s13580-018-0091-2>
- 3850., K. HÉBERGER, *Chemometrics Intell. Lab. Syst.*, **47**, 41-49 (1999)  
I. R. G. CAPOCI, D. R. FARIA, K. M. SAKITA, F. A. V. RODRIGUES-VENDRAMINI, P. DE S. BONFIM-MENDONÇA, T. C. A. BECKER, É. S. KIOSHIMA, T. I. E SVIDZINSKI, B. MAIGRET, *Bioorganic Chemistry*, **84**, 87-97 (2019)
- 3851., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
XIAOJUN TANG, WENJINGWANG, XULIANG ZHANG, ERZHEN WANG AND XUANJIANNAN LI, *Energies*, **11**, 3192 (2018)  
<https://doi.org/10.3390/en11113192>
- 3852., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
C.L. MELLOR, R.L. MARCHESE ROBINSON, R. BENIGNI, D. EBBRELL, S.J. ENOCH, J.W. FIRMAN, J.C. MADDEN, G. PAWAR, C. YANG, M.T.D. CRONIN, *Regulatory Toxicology and Pharmacology*, **101**, 121-134 (2018)  
<https://doi.org/10.1016/j.yrtph.2018.11.002>
- 3853., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
S. DEL CAÑO-OCHOA, A. RUIZ-ARACAMA, M. D. G. LORÉN, *European Journal of Lipid Science and Technology*, **2018**, 1800137  
<https://doi.org/10.1002/ejlt.201800137>
- 3854., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- 3855., R. M. ALONSO-SALCES, M. V. HOLLAND, C. GUILLOU, K. HÉBERGER in *Olive Oil: Constituents, Quality, Health Properties and Bioconversions* (Ed: D. Boskou), *IntechOpen*, **2012**, Ch. 10.
- 3856., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* **117**, 1991-2006 (2015)

- R. SRINIVAS, P. V. KLIMOVICH, E. C. LARSON, *J. Cheminform*, 10, Article No.: 56 (2018) <https://doi.org/10.1186/s13321-018-0310-y>
- 3857., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, 7, art. no. 20 (2015)
- G. P. MARTÍNEZ, M. I. MESA, Automatic classification of blood sample images based on deep neural networks [in Spanish] *Revista de Ingeniería Electrónica Automática y Comunicaciones*, Vol. 40, issue 1 (2019) p. 18-30.
- 3858., RÁCZ A, BAJUSZ D, FODOR M, HÉBERGER K, *Chemometrics and Intelligent Laboratory Systems*, 151, 34-43 (2016)
- M. ADAKALIC, B. LAZOVIC, *Brazilian Archives of Biology and Technology an International Journal*, Vol. 61: e18170767, (2018) <http://dx.doi.org/10.1590/1678-4324-2018170767>
- 3859., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, 118, 956-965 (2010)
- MANISCALCO, M; PARIS, D; MELCK, D; CHIARIELLO, N; DI NAPOLI, F; MANNO, M; IAVICOLI, I; MOTTA, A, *Toxicology Letters*, 298, 4-12 (2018) <http://dx.doi.org/10.1016/j.toxlet.2018.10.018>
- 3860., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, 175, 986-990 (2007)
- AVRAMIDOU, EVANGELIA V.; DOULIS, ANDREAS G.; PETRAKIS, PANOS V., *Journal of Food Processing and Preservation*, 42, Article Number: e13770 (2018)
- 3861., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, 552, 13-24 (2005)
- PRASENJIT DEY, TANDRA PAL, *International Journal of Convergence Computing (IJConvC)*, <http://dx.doi.org/10.1504/IJCONVC.2016.10010681>
- 3862., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, 552, 13-24 (2005)
- S. KAR, H. NASKAR, B. TUDU, R. BANDYOPADHYAY, 2018 Proceedings - 2018 4th IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2018, Kolkata Nov. Code 148351 (2018)
- 3863., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, 552, 13-24 (2005)
- PIEKARCZYK, J., RATAJKIEWICZ, H., JASIEWICZ, J., SOSNOWSKA, D., WÓJTOWICZ, A., *Journal of Photochemistry and Photobiology B: Biology*, 190, 32-41(2019)
- 3864., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, 1158, 196-214 (2007)
- MANISCALCO, M., FUSCHILLO, S., PARIS, D., CUTIGNANO, A., SANDUZZI, A., MOTTA, A., *Advances in Clinical Chemistry*, 2018 <http://dx.doi.org/10.1016/bs.acc.2018.10.002>
- 3865., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, 175, 986-990 (2007)



- A. DE SOUZA, F. ARISTONE, A. P. GARCIA, D. A S SANTOS, Study of the Association Between Nitrogen Oxides and Ozone Concentration with Meteorological Parameters [in prtogal] *Geosul, Florianópolis*, **33**, 164-183 (2018)
- 3866., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)
- A.A. OJUGO, D. OTAKORE, *Journal of Computer Sciences and Applications*, **6**, 82-90 (2018)
- 3867., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- A. MINTESNOT AND N. DECHASSA, *East African Journal of Sciences*, **12**(2) 87-100 (2018)
- 3868., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- S. ROQUES, C. DEBORDE, N. RICHARD, S. SKIBA-CASSY, A. MOING, AND B. FAUCONNEAU, *Reviews in Aquaculture* (Wiley), pp. 1-22 (2018)
- 3869., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)
- E. HATZAKIS, Nuclear Magnetic Resonance (NMR) Spectroscopy in Food Science, *Comprehensive Reviews in Food Science and Food Safety*, **18**(1) 189-220 (2019) CRF3-2018-0172;  
<http://dx.doi.org/10.1111/1541-4337.12408>
- 3870., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- 3871., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- MATTHEW JOHN BIGERT, Selectivity Optimization in Tandem Column Liquid Chromatography Using the Eluent Composition as the Tuning Variable, *MSc.Thesis*, University of Minnesota, 2018
- 3872., ANDRIĆ F, HÉBERGER K, *J Chromatogr A*, **1488**, 45-56 (2017).
- VASTAG, G; APOSTOLOV, S; KAURINOVIC, B; GRBOVIC, L, *JPC-Journal of Planar Chromatography-Modern TLC*, **31**, 497-504 (2018) <http://dx.doi.org/10.1556/1006.2018.31.6.10>
- 3873., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)
- SANCHEZ-CRUZ, NORBERTO; MEDINA-FRANCO, JOSE L., *Journal of Cheminformatics*, **10**, Article Number: 55 (2018)
- 3874., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- KAUR, N; CHOPRA, S; SINGH, G; RAJ, P; BHASIN, A; SAHOO, SK; KUWAR, A; SINGH, N, *Journal of Materials Chemistry B*, **6**, 4872-4902 (2018)
- 3875., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)
- HE, Y; WANG, JZ; WANG, MZ; ZHANG, JF, *Journal of Mass Spectrometry*, **53**, 1078-1085 (2018)
- 3876., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)

- HUI CHEN, CHAO TAN, ZAN LIN, HONGJIN LI, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **211**, 280-286 (2019) <https://doi.org/10.1016/j.saa.2018.12.003>
- 3877., RÁCZ, A., HÉBERGER, K., FODOR, M. *Analytical and Bioanalytical Chemistry*, **408**, 6403-6411 (2016)  
MALIKA DRIRA, HAZEM JABEURA AND MOHAMED BOUAZIZ, Chemometric Characterization of Chemlali Extra-Virgin Olive Oil Adulteration Mixed with Soybean Oil, Corn Oil and Sunflower Oil, preprint, 2018
- 3878., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
G. P. MARTÍNEZ, M. I MESA, Detection of Impurities in Blood Samples Analysis through Deep Neural Networks [in Spanish], 19th del 26 al 30 de noviembre de 2018 convencion científica de ingeniería y arquitectura, Habana 2018
- 3879., RÁCZ A, BAJUSZ D, FODOR M, HÉBERGER K, *Chemometrics and Intelligent Laboratory Systems*, **151**, 34-43 (2016)  
OULAÏ A. C., DJË K. M., EBA K. P., ADIMA A. A. AND KOUADIO E. J. P., *GSC Biological and Pharmaceutical Sciences*, **5**(02), 116–125 (2018)
- 3880., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
HENRI HAKKARAINEN, *PhD Thesis*, Genotoxicity of the A549 cells from the different combustion exposures detected with thermo-ALI-system, University of Eastern Finland, 2018
- 3881., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
RUOQIU ZHANG, FEIYU ZHANG, WANCHAO CHEN, QIN XIONG, ZENGKAI CHEN, HEMING, YAO, JIONG GE, YUN HU, YIPING DU, *Chemometrics and Intelligent Laboratory Systems*, **184**, 132-141 (2019) <https://doi.org/10.1016/j.chemolab.2018.11.015>
- 3882., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
D. MATHIEU, *ACS Omega*, **3**, 17049–17056 (2018)
- 3883., ADAMSKA, K, VOELKEL, A, HEBERGER, K, *Journal of Chromatography A*, **1171**, 90-97 (2007)  
D. GHOSH, J. A. BERNSTEIN, G. K. K. HERSHEY, M. E. ROTHENBERG AND T. B. MERSHA, *Frontiers in Immunology*, **9**, Article No. 2727 (2018)
- 3884., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
E. TOLA, K. A. AL-GAADI, R. MADUGUNDU, A. G. KAYAD, A. A. ALAMEEN, H. F. EDREES, M. K. EDRRIS, *Int J Agric & Biol Eng*, **11**(No.6) 13-19 (2018)
- 3885., F. STOUT, J. H. KALIVAS, K. HÉBERGER, *Appl. Spectr.*, **61**, 85-95 (2007)  
N. PALLAVICINI, E. ENGSTRÖM, D. C. BAXTER, B. ÖHLANDER, J. INGRI, S. HAWLEY, C. HIRST, K. RODUSHKINA, AND I. RODUSHKIN, *Journal of Spectroscopy*, **2018**, Article ID 7408767, pp. 1-17 <https://doi.org/10.1155/2018/7408767>

- 3886., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**, 2111-2115 (2005)
- STRAHINJA Z. KOVAČEVIĆ, MILICA Ž. KARADŽIĆ, DAJANA V. VUKIĆ, VLADIMIR R. VUKIĆ, SANJA O. PODUNAVAC-KUZMANOVIĆ, LIDIJA R. JEVRIĆ, JOVANA J. AJDUKOVIĆ, *Journal of Molecular Graphics and Modelling*, **87**, 240-249 (2019)  
<https://doi.org/10.1016/j.jmgm.2018.12.010>.
- 3887, HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3888., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3889., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- G. DARGÓ, A. VINCZE, J. MÜLLER, H. J. KISS, Z. ZS. NAGY, G. T. BALOGH, *European Journal of Pharmaceutical Sciences*, **128**, 232-239 (2019)  
<https://doi.org/10.1016/j.ejps.2018.12.012>
- 3890., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- PROBST, D., REYMOND, J.-L., *Journal of Cheminformatics*, **10**, Article number 66 (2018)
- 3891., RÁCZ A, BAJUSZ D, FODOR M, HÉBERGER K, *Chemometrics and Intelligent Laboratory Systems*, **151**, 34-43 (2016)
- LEE, D.Y., KANG, K.B., KIM, J., KIM, H.J., SUNG, S.H., *Natural Product Sciences*, **24**, 164-170 (2018)
- 3892., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- SQUEO, G., CAPONIO, F., PARADISO, V.M., SUMMO, C., PASQUALONE, A., KHMELINSKII, I., SIKORSKA, E., *Journal of the Science of Food and Agriculture*, 2018  
<https://doi.org/10.1002/jsfa.9461>
- 3893., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- INNAMORATO, V., LONGOBARDI, F., LIPPOLIS, V., CORTESE, M., LOGRIECO, A.F., CATUCCI, L., AGOSTIANO, A., DE GIROLAMO, A., *Food Analytical Methods*, (2018)
- 3894., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- LI, L., LI, B., ZHANG, Q., GONG, L., MENG, X., *Oxidation Communications*, **39**, 118-131 (2016)
- 3895., NÉMETH, A., HÉBERGER, K, *Oxidation Communications*, **19**(4), 467-475 (1996)
- BARNES, P.J., Chronic Obstructive Pulmonary Disease Exacerbations, 1 January **2008**, Pages 417-428
- 3896., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- CHEN, ZJ; SONG, SM; HUANG, HL; HUANG, LL; CHEN, RH; TAN, HH; LI, XS, *Journal of Food Measurement and Characterization*, **12**, 2735-2746 (2018)
- 3897., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)

- S. MARTÍNEZ-LÓPEZ, B. SARRIÁ, R. MATEOS, L. BRAVO-CLEMENTE, *European Journal of Nutrition*, <https://doi.org/10.1007/s00394-018-1726-x>
- 3898., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- P. ŽUVELA, M. SKOCZYLAS, J. J. LIU, T. BĄCZEK, R. KALISZAN, M. WAH WONG, AND B. BUSZEWSKI, *Chemical Reviews*, <https://doi.org/10.1021/acs.chemrev.8b00246>
- 3899., C. WEST, M. KHALIKOVA, E. LESELLIER, K. HÉBERGER, *Journal of Chromatography A*, **1409**, 241-250 (2015)
- 3900., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3901., K. HÉBERGER, *Chemometrics Intell. Lab. Syst.*, **47**, 41-49 (1999)
- 3902., ANDRÍC F, HÉBERGER K, *J Chromatogr A*, **1488**, 45-56 (2017).
- 3903., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- E. RODRÍGUEZ-ALONSO, F. J. VERGELDT, A. JAN VAN DER GOO, *Magn Reson Chem.* **2019**; 1–4. <https://doi.org/10.1002/mrc.4815>
- 3904., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- L YUAN, Y TIAN, S. DING, Y LIU, F. CHEN, T ZHANG, W TU, J CHEN, Q-N HU, *Bioinformatics*, **35**, 1603-1604 (2019)
- <https://doi.org/10.1093/Bioinformatics/bty838>
- 3905., BAJUSZ, D., RÁ CZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- NASSER SAIF AL-KAABI, Assessment for Enhancing Bioremediation of Hydrocarbons In Qatari Soils, *Ph.D. Theses*, Qatar University, College of Arts And Sciences, 2018
- 3906., KACZOREK, E., BIELICKA-DASZKIEWICZ, K., HÉBERGER, K., KEMÉNY, S., OLSZANOWSKI, A., VOELKEL, A., *Brazilian Journal of Microbiology*, **45**, 117-126 (2014)
- R. PAL, G. JANA, S. SURAL, P. K. CHATTARAJ, *Chem Biol Drug Des.* **2018**; 1–13. <https://doi.org/10.1111/cbdd.13428>
- 3907., C. BERTINETTO, C. DUCE, R. SOLARO, M. R. TINÉ, A. MICHELI, K. HÉBERGER, A. MILIČEVIĆ, S. NIKOLIĆ, *MATCH - Communications in Mathematical and in Computer Chemistry*, **70**, 1005-1021 (2013)
- A. TSUKUI, P. H. VENDRAMINI, R. GARRETT, M. BRÍGIDA S. SCHOLZ, M. N. EBERLIN, H. R. BIZZO, C. M. REZENDE, *LWT - Food Science and Technology*, (2019)
- <https://doi.org/10.1016/j.lwt.2018.12.078>
- 3908., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- KOVAČEVIĆ, S. Z., KARADŽIĆ, M. Ž., VUKIĆ, D. V., VUKIĆ, V. R. A PODUNAVAC-KUZMANOVIĆ, S. O., JEVRIĆ, L. R., AJDUKOVIĆ, J. J., *Journal of Molecular Graphics and Modelling*, **87**, 240-249 (2019)
- 3909., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3910., ANDRÍC F, HÉBERGER K, *J Chromatogr A*, **1488**, 45-56 (2017).
- HANEDAR, A., GÜNEŞ, E., KAYKIOĞLU, G., ÇELIK, S.Ö., CABI, E., *Environmental Monitoring and Assessment*, **191**(1), Article Number: 42 (2019)

- 3911., KEYMEULEN R, GORGENYI M, HEBERGER K, PRIKSANE A. VAN LANGENHOVE H, *Atmosph. Environ.*, **35**, 6327-6335 (2001)  
BYRNE, R., SCHNEIDER, G., *Methods in Molecular Biology*, **1888**, 273-309 (2019) [https://doi.org/10.1007/978-1-4939-8891-4\\_16](https://doi.org/10.1007/978-1-4939-8891-4_16)
- 3912., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
DISSANAYAKE, DMSLB., MORIMOTO, T., MURAYAMA, Y., RANAGALAGE, M., HANDAYANI, H.H., *Sustainability* (Switzerland), **11**(1), Article number 25 (2018)
- 3913., ORSOLYA FARKAS, KÁROLY HÉBERGER, *Journal of Chemical Information and Modeling*, **45**, 339 -346, (2005)  
VARGA, Á., GÁSPÁR, I., JUHÁSZ, R., LADÁNYI, M., HEGYESVECSERI, B., KÓKAI, Z., MÁRKI, E., *Journal of Food Process Engineering*, Article number e12941 (2018)
- 3914, HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3915., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3916., HÉBERGER, K., KOLLÁR-HUNEK, K. Computer code for method and model comparison (ranking and grouping, as well). (2017) Retrieved from: <http://aki.ttk.mta.hu/srd/>
- 3917., A. GERE, L. SIPOS, S. KOVÁCS, Z. KÓKAI, and HÉBERGER, *Chemometr. Intell. Lab. Syst.*, **161**, 130-135 (2017)
- 3918., RÁCZ, A., GERE, A., BAJUSZ, D., HÉBERGER, K., *RSC Advances*, **8**(1) 10-21 (2018)  
GHISONI, S., LUCINI, L., ANGILLETTA, F.A, ROCCHETTI, G., FARINELLI, D., TOMBESI, S.D TREVISAN, M., *Food Research International* (2018)  
<https://doi.org/10.1016/j.foodres.2018.12.052>
- 3919., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)  
C. DE FORD, K.A PENCHALAIHAH, A. KREFT, M. HUMAR, W. HEYDENREUTER, M. KANGANI, S. A. SIEBER, L. F. TIETZE, AND I. MERFORT, *Journal of Natural Products*, **82**, 16-26 (2019)
- 3920., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
FARNE, H; GROVES, HT; GILL, SK; STOKES, I; MCCULLOCH, S; KAROLY, E; TRUJILLO-TORRALBO, MB; JOHNSTON, SL; MALLIA, P; TREGONING, JS, *Frontiers in Cellular and Infection Microbiology*, **8**, Article Number: 432 (2018)  
<https://doi.org/10.3389/fcimb.2018.00432>
- 3921., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
DE SOUZA, LEONARDO A.; DA SILVA, HAROLDO C.; DE ALMEIDA, WAGNER B., *Chemistryopen*, **7**(11), 902-913 (2018)
- 3922., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
QIN, SM, KROHN, B; DOWNING, J; PETROV, V; MANERA, *Nuclear Technology*, **205**, 213-225 (2019)
- 3923., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **539**, 1-10 (2005)

- WEST, CAROLINE, LC GC NORTH AMERICA, 36(12), 882-885 (2018)
- 3924., ANDRIĆ, F., HÉBERGER, K., *Journal of Chromatography A*, **1380**, 130-138 (2015)
- 3925., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3926., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3927., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- M ESTEKI, J REGUEIRO, J SIMAL-GÁNDARA, *Comprehensive Reviews in Food Science and Food Safety*, 2019  
<https://doi.org/10.1111/1541-4337.12419>
- 3928., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- J-L. WOLFENDER, P-M. ALLARD, M. KUBO, E. F. QUEIROZ, *Metabolomics Strategies for the Dereplication of Polyphenols and Other Metabolites in Complex Natural Extracts*, Chapter 7 in Recent Advances in Polyphenol Research, Volume 6, Editor(s): H. Halbwirth K. Stich, V. Cheynier, S. Quideau, John Wiley & Sons Ltd. 2019  
<https://onlinelibrary.wiley.com/doi/book/10.1002/9781119427896>
- 3929., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- JONATHAN CARDOSO SILVA, Ph.D. Theses, *Optimisation-based methodologies for complex data analysis*, Kings College, London 2018
- 3930., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- HAWRYLUK M, MRZYGLÓD B., *Journal of Mining & Metallurgy. Section B: Metallurgy*. **54**(3), 323-337 (2018)
- 3931., TOMPOS, A., MARGITFALVI, J.L., TFIRST, E., HÉBERGER, K., *Applied Catalysis A: General*, **324**, 90-93 (2007)
- L. OLMO-GARCÍA, K. WENDT, N. KESSLER, A. BAJOUB, A., FERNÁNDEZ-GUTIÉRREZ, C. BAESSMANN, A. CARRASCO-PANCORBO, *European Journal of Lipid Science and Technology*, **121**, Issue 3, Article number 1800336 (2019)  
<https://doi.org/10.1002/ejlt.201800336>
- 3932., R. M. ALONSO-SALCES, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* 117, 1991-2006 (2015)
- 3933., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- SHUXIA GUO: *Chemometrics and Statistical Analysis in Raman Spectroscopy-based Biological Investigations*, PhD Theses, Friedrich Schiller University Jena, 2018
- 3934., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- W. LI, C. FANG, J. LIU, J. CUI, H. LI, T. GAO, H. LI, L. HU, Y. LU, *Journal of Chemometrics*, **33**, Article No: e3109 pp. 1-19 (2019)  
<https://doi.org/10.1002/cem.3109>
- 3935., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3936., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)

- V. PATHAK, A. K. PATHAK AND R. C. REYNOLDS, *ACS Combinatorial Science*, (2019)  
<https://doi.org/10.1021/acscombsci.8b00136>
- 3937., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
S. CHAHINE AND A. Z. TONG, *AIMS Agriculture and Food*, **4**(1) 27-40 (2019) <https://doi.org/10.3934/agrfood.2019.1.27>
- 3938., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)  
BLANKA VRBKOVÁ *Ph.D. Theses*, Development of methods for the determination of biologically active substances by means of separation techniques and mass spectrometry [in Czech], Masarykova Univerzita, Přírodovědecká fakulta Ústav chemie, Brno 2017
- 3939., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)  
SZEDLJAK, I; KOVACS, A; KUN-FARKAS, G; BERNHARDT, B; KRALIK, S; SZANTAI-KOHEGYI, K, *Hungarian Journal of Industry and Chemistry*, **46**, 37-42 (2018) <https://doi.org/10.1515/hjic-2018-0016>
- 3940., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)  
S. SÜß, W. LIN, O. GETMANENKO, L. PFLUG, T. SOBISCH, W. PEUKERT, D. LERCHE, D. SEGETS, *Particuology*,  
<https://doi.org/10.1016/j.partic.2018.05.010>
- 3941., ADAMSKA, K, VOELKEL, A, HEBERGER, K, *Journal of Chromatography A*, **1171**, 90-97 (2007)  
K. PASTOR, V. VUJASINOVIĆ, A. MARJANOVIĆ JEROMELA, D. VUJIĆ, D. JOVANOVIĆ and M. AČANSKI, *J. Serb. Chem. Soc.*, **83**(0) 1-9 (2018)
- 3942., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
K. ZAY, A. GERE, *LWT – Food science and Technology*, **103**, 162-168 (2019)
- 3943., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)
- 3944., A. GERE, L. SIPOS, S. KOVÁCS, Z. KÓKAI, and K. HÉBERGER, *Chemometr. Intell. Lab. Syst.*, **161**, 130-135 (2017)
- 3945., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3946., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 3947., HÉBERGER K, RAJKÓ R., *Journal of Chemometrics*, **16**, 436-443 (2002)
- 3948., RAJKÓ, R., HÉBERGER, K. *Chemometrics and Intelligent Laboratory Systems*, **57**(1), 1-14 (2001)  
TÁSSIA BRENA BARROSO CARNEIRO DA COSTA, *Master Theses*, Metabolomics applied to the diagnosis and staging of liver diseases (In portugul), Federal University of Pernambuco, Recife, Brasil
- 3949., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
MUSSAVIRA, S.; BINDHU, O. S., *Research Journal of Pharmaceutical Biological and Chemical Sciences*, **10**(1) 1317-1332 (2019)

- 3950., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
PLA MARTÍNEZ, G.; IRIZAR MESA, M., *Ingeniería Electrónica, Automática y Comunicaciones*, pp. 18-30 Published: 2019-04
- 3951., RÁCZ A, BAJUSZ D, FODOR M, HÉBERGER K, *Chemometrics and Intelligent Laboratory Systems*, **151**, 34-43 (2016)  
H-R. MAO, C-Q. LIU, Z-Q. ZHAO, *Earth-Science Reviews*, **190**, 439-459(2019)
- 3952., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**. 2111-2115 (2005)  
A MANERA, P. BARDET, V. PETROV, S. QIN, High-resolution time-resolved Experiments on mixing and entrainment of buoyant jets in stratified environments, *PROJECT 14-6552 (Final Report)* March 29, 2018
- 3953., P. FORLAY-FRICK, E. VAN GYSEGHEM, K. HÉBERGER and Y. VANDER HEYDEN, *Anal. Chim. Acta*, **539**, 1-10 (2005)  
F. SAFDEL AND F. SAFA, *Journal of Chromatographic Science*, **2018**, 1-8 <https://doi.org/10.1093/chromsci/bmy081>
- 3954., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
E. FRAUENHOFER, J. CHO, J. YU, Z. AL-SAIGH, J. KIM, *Journal of Chromatography A*. 2019 <https://doi.org/10.1016/j.chroma.2019.01.076>
- 3955., KOLODZIEJEK, J., VOELKEL, A., HEBERGER, K., *J. Pharm. Sci.*, **102**, 1524-1531 (2013)  
JACOB DAVIES, Metal-Free Visible-Light Promoted Generation of Nitrogen-Centred Radicals via Photoredox Catalysis, *Ph.D. Thesis* University of Manchester Faculty of Science and Engineering. The School of Chemistry, 2018
- 3956., K. HÉBERGER AND A. LOPATA, *J. Org. Chem.*, **63**, 8646-8653 (1998)  
L. VARADI, M. BREEDON, F. F. CHEN, A. TRINCHI, I. S. COLE, AND G. WEI, *RSC Advances*, **9**, Article No. 3994 (2019)
- 3957., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
A. ROTONDO, L. MANNINA, A. SALVO, *Food Analytical Methods*, **12**, 1238-1245 (2019) <https://doi.org/10.1007/s12161-019-01460-4>
- 3958., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)  
A. D. DE MATOS, M. MARANGON, M. MAGLI, M. CIANCIABELLA, S. PREDIERI, A. CURIONI, S. VINCENZI, *Food Chemistry*, **286**, 78-86 (2019)  
<https://doi.org/10.1016/j.foodchem.2019.01.216>
- 3959., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)  
A. A. D'ARCHIVIO, *Molecules*, **24**, Article No. 632 (2019); <https://doi.org/10.3390/molecules24030632>
- 3960., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
M. Ž. KARADŽIĆ, L. R. JEVRIĆ, S. O. PODUNAVAC KUZMANOVIĆ, S. Z. KOVAČEVIĆ, EV. S. LONČAR, *Journal of Liquid Chromatography & Related Technologies*, **38**(6) 662-669 (2015)



- 3961., F. ANDRIĆ and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)
- 3962., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)
- 3963., ANDRIĆ, F., HÉBERGER, K., *Journal of Chromatography A*, **1380**, 130-138 (2015)  
I. ORHAN, B. ÖZÇELİK, M. KARTAL, S. ASLAN, B. SENER, AND M. ÖZGÜVEN, *Acta Biologica Cracoviensia Series Botanica* **49**(2) 61-68 (2007)
- 3964., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)  
I. R. G. CAPOCIA, D. R. FARIA, K. M. SAKITA, F. A. V. RODRIGUES-VENDRAMINI, P. DE S. BONFIM-MENDONÇA, T. C. A. BECKER, É. S. KIOSHIMA, T. I. ESTIVALET S., B. MAIGRET, *Bioorganic Chemistry*, **84**, 87-97 (2019)
- 3965., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
S. M. MOSTAFAVI, H. MALEKZADEH, AND M. S. TASKHIRI, *Journal of Computational and Theoretical Nanoscience*, **16**, 151-156 (2019)
- 3966., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
NIE M, MENG L, CHEN X, HU X, LI L, YUAN L, SHI W, *Journal of Chemometrics*, **2019**; e3113. <https://doi.org/10.1002/cem.3113>
- 3967., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 3968., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013) (Erratum: **132**(18) 179-180 (2014))
- 3969., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)  
J. D. MANZANO, A. M. DE LA PEÑA, I. D. MERÁS, *Food Analytical Methods* 2019 <https://doi.org/10.1007/s12161-019-01471-1>
- 3970., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
S. BLOTEVOGEL, E. SCHRECK, S. AUDRY, G. D. SALDI, J. VIERS, P. COURJAULT-RADÉ, J. DARROZES, L. ORGOGOZO, P. OLIVA, *Geoderma*, **343**, 72-85 (2019)
- 3971., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
R. E. IBRAHIM, W. EL-HOUSEINY, A. BEHAIRY, M. F. MANSOUR, Y. M. ABD-ELHAKIM, *Aquaculture*, **505**, 225-234 (2019) <https://doi.org/10.1016/j.aquaculture.2019.02.050>
- 3972., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
GIRAUDO, A; GRASSI, S; SAVORANI, F; GAVOCI, G; CASIRAGHI E, GEOBALDO, F, *Food Control*, **99**, 137-145 (2019)
- 3973., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
QUELAL-VASCONEZ, MA; LERMA-GARCIA, MJ; PEREZ-ESTEVE, E; ARNAU-BONACHERA, A; BARAT, JM; TALENS, P, *Food Control*, **99**, 68-72 (2019)  
<https://doi.org/10.1016/j.foodcont.2018.12.028>

- 3974., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
YING YANG, WEIMEI MAI, JINGYI GAO, ZHE HU, JIANQIAO XU, SHICHUN ZOU, *Journal of Separation Science*, 2019  
<https://doi.org/10.1007/s00604-019-3258-3>
- 3975., PIETRZYNSKA, M; VOELKEL, A; HEBERGER, K; BIELICKA-DASZKIEWICZ, K; KACZMAREK, M, *Analytica Chimica Acta*, **751**, 182-188 (2012)  
V. CANUTI, S.T FROST, L. A. LERNO, C. K. TANABE, J. ZWEIGENBAUM, B. ZANONI, AND S. E. EBELER, *J. Agric. Food Chem.* **67**, 2647-2659 (2019)
- 3976., CSOMOS E, HEBERGER K, SIMON-SARKADI L, *J. Agric. Food Chem.*, **50**, 3768-3774 (2002)  
WANG, YL; PARK, H; LIN, H; KITOVA, EN; KLASSEN, JS *Analytical Chemistry*, **91**, 2140-2147 (2019)
- 3977., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLÖSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)  
XIAN ZENG, ZHENG JIAB, ZHIQIANG HE, WEIHONG CHEN, XUDONG LU, HUILONG DUAN, HAOMIN LIA, *International Journal of Medical Informatics*, **124**, 97-103 (2019)
- 3978., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
VU DANG HOANG, *InTech open* 2019  
<https://doi.org/10.5772/intechopen.84589>
- 3979., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
JHA, SK; YADAVA, RDS; HAYASHI, K; PATEL, N, *Chemometrics and Intelligent Laboratory Systems*, **185**, 18-31 (2019)
- 3980., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
JA OFORI, Y-H P. HSIEH, *Monoclonal antibodies as diagnostic tools for addressing food allergy and food fraud*. Chapter 1 In: *Advances in Health and Disease*, Vol. 5, Ed.: L.T. Duncan, Nova Science Publishers, 2018.
- 3981., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)  
SHI, T., ZHU, M., ZHOU, X., HUO, X., LONG, Y., ZENG, X., CHEN, Y., *Food Chemistry*, **287**, 30 July 2019, Pages 46-54
- 3982., R. M. ALONSO-SALCES, K. HÉBERGER, M. V. HOLLAND, J. M. MORENO-ROJAS, C. MARIANI, G. BELLAN, F. RENIERO, C. GUILLOU, *Food Chemistry*, **118**, 956-965 (2010)
- 3983., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)  
GUTIÉRREZ ORTIZ, A.L., BERTI, F., SOLANO SÁNCHEZ, W., NAVARINI, L., COLOMBAN, S., CRISAFULLI, P., FORZATO, C., *Food Chemistry*, **286**, 459-466 (2019)
- 3984., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food Chem.*, **57**, 4224-4235 (2009)  
CABRERA-BAÑEGIL, M., VALDÉS-SÁNCHEZ, E., MUÑOZ DE LA PEÑA, A., DURÁN-MERÁS, I., *Talanta*, **199**, 652-661 (2019)

- 3985., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
RIBA, J.-R., GONZÁLEZ, N., CANALS, T., CANTERO, R.,  
*Computers and Chemical Engineering*, **124**, 197-205 (2019)
- 3986., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
de PAULA LIMA, J., FARAH, A. *Journal of Food Composition and Analysis*. **78**, 75-85 (2019)
- 3987., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
KEMPIŃSKA, D., CHMIEL, T., KOT-WASIK, A., MRÓZ, A., MAZERSKA, Z., NAMIEŚNIK, J., *TrAC - Trends in Analytical Chemistry*, **113**, 54-73 (2019)
- 3988., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)  
PHELAN, J.P., LANG, S.B., SIM, J., BERRITT, S., PEAT, A.J., BILLINGS, K., FAN, L., MOLANDER, G.A., *Journal of the American Chemical Society*, **141**, 3723-3732 (2019)
- 3989., HÉBERGER, K., WALBINER, M., FISCHER, H., *Angewandte Chemie International Edition in English*, **31**(5), 635-636 (1992)  
HUFFMAN, B.J., SHENVI, R.A., *Journal of the American Chemical Society*, **141**(8) 3332-3346 (2019)
- 3990., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
PADULA, D., SIMPSON, J.D., TROISI, A., *Materials Horizons*, **6**(2) 343-349 (2019)
- 3991., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
LI, H., HU, X., SUN, B., ZHANG, F., SUN, J., HUANG, M., SUN, X., *Journal of Chinese Institute of Food Science and Technology*, **19**, 183-189 (2019)
- 3992., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)  
FANG, X., WANG, Z., SONG, W., LI, S., LIN, W., *Journal of the Taiwan Institute of Chemical Engineers* (2019)  
<https://doi.org/10.1016/j.jtice.2019.02.024>
- 3993., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
LIYANAGE, R., GIDDEN, J., WILKINS, C.L., LAY, J.O., Jr., *Rapid Communications in Mass Spectrometry* (2019)  
<https://doi.org/10.1002/rcm.8349>
- 3994., JAKAB A, NAGY K., HÉBERGER K., VÉKEY K., FORGÁCS E., *Rapid Commun. Mass Spectr.*, **16**, 2291-2297 (2002)  
LONGOBARDI, F., CASIELLO, G., CENTONZE, V., CATUCCI, L., AGOSTIANO, A, *Food Analytical Methods* (2019)  
<https://doi.org/10.1007/s12161-019-01458-y>
- 3995., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)

- BIN ABU BAKAR, M.A., BIN ABDULLAH, A.H., BIN AHMAD SA'AD, F.S., *Advances in Science, Technology and Engineering Systems*, **4**, Issue 1, 200-216 (2019)
- 3996., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- HASSANPOURYOUBAND, A., FARAHANI, M.V., YANG, J. TOHIDI, B., CHUVILIN, E., ISTOMIN, V., BUKHANOV, B., *Industrial and Engineering Chemistry Research*, **58**, Issue 8, 3377-3394 (2019)
- 3997., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- REBOLLO-HERNANZ, M., MARTÍN-CABREJAS, M.A., AGUILERA, Y., *Food Chemistry, Function and Analysis*, (2019) Pages 215-234
- 3998., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)
- A.V. TKACHEV, *Russian Journal of Bioorganic Chemistry*, **44**, Issue 7, 813-833 (2018)
- 3999., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- ZAY, K., SOMOGYI, L., SOÓS, A., *Elelmiszervizsgalati Kozlemenyek*, **64**, Issue 2, 2053-2069 (2018)
- 4000., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)
- 4001., A. GERE, L. SIPOS, S. KOVÁCS, Z. KÓKAI, and K. HÉBERGER, *Chemometr. Intell. Lab. Syst.*, **161**, 130-135 (2017)
- TOMPOS, B, *Elelmiszervizsgalati Kozlemenyek*, **64**, Issue 2, 1991-2005 (2018)
- 4002., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)
- 4003., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)
- KOVAČEVIĆ, S., KARADŽIĆ, M., PODUNAVAC-KUZMANOVIĆ, S., JEVRIĆ, L., IVANOVIĆ, E., VOJNOVIĆ, M., *Acta Chimica Slovenica*, **65**, Issue 3, 483-491 (2018)
- 4004., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)
- 4005., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 4006., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- BENNY GURALNIK AND REZA SOHBATI, *Fundamentals of Luminescence Photo and Thermochronometry*, Chapter 11 in: *Advances in Physics and Applications of Optically and Thermally Stimulated Luminescence*, Eds. R. Chen and V. Pagonis, World Scientific, Europe, pp. 399-437 (2019) [https://doi.org/10.1142/9781786345790\\_0011](https://doi.org/10.1142/9781786345790_0011)
- 4007., K. HÉBERGER, S. KEMÉNY and T. VIDÓCZY, *Int. J. Chem. Kinet.*, **19**, 171-181 (1987)
- ZHANG, SHENG; CHANG CAMPAGNE, CHRISTINE; SALAUEN, FABIEN, *Applied Sciences-Basel*, **9**, Article Number: 402 (2019)
- 4008., BIELICKA-DASZKIEWICZ, K; VOELKEL, A; PIETRZYNSKA, M; HEBERGER, K, *J. Chromatogr. A*, **1217**, 5564-5570 (2010)
- SCHRIPSEMA, J., *METABOLOMICS*, **15**, Article Number: 39, (2019)

- 4009., A. RÁCZ, F. ANDRIC, D. BAJUSZ, K. HEBERGER, K., *Metabolomics*, **14**, Article Number: UNSP 29 (2018)  
V. SAYELI, J. NADIPELLY, P. KADHIRVELU, B. V. CHERIYAN, J. SHANMUGASUNDARAM, V. SUBRAMANIAN, *Inflammopharmacology*, <https://doi.org/10.1007/s10787-019-00579-4>
- 4010., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
A. GIMENO, M. J. OJEDA-MONTES, S. TOMÁS-HERNÁNDEZ, A. CERETO-MASSAGUÉ, R. BELTRÁN-DEBÓN, M. MULERO, G. PUJADAS, AND S. GARCIA-VALLVÉ, *International Journal of Molecular Sciences*, **20**, Article No. 1375 (2019)  
<https://doi.org/10.3390/ijms20061375> www.mdpi
- 4011., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
XIAO-HANG HU, JIAN-CHAO ZHOU, HONG-ZE YANG, IOP Conf. Series: *Journal of Physics: Conf. Series* **1176** (2019) 042021  
<https://doi.org/10.1088/1742-6596/1176/4/042021>
- 4012., HEBERGER K, CSOMOS E, SIMON-SARKADI L, *J. Agric. Food Chem.*, **51**, 8055-8060 (2003)  
S. RASCHKA, *Current Opinion in Structural Biology*, **55**, 17-24 (2019)
- 4013., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
GEENA MARIYA JOSE, MAHADEVAN RAGHAVANKUTTY, AND G MURALEEDHARA KURUP, *Journal of Bioactive and Compatible Polymers*, **34**(2) 150-162 (2019)
- 4014., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
NATARAJAN, SB; CHANDRAN, SP; KHAN, SH; NATARAJAN, P; RENGARAJAN, K., *Current Nutrition & Food Science*, **15**, 3-10 (2019) <https://doi.org/10.2174/1573401313666171003150503>
- 4015., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
IDAKWO, G; LUTTRELL, J; CHEN, MJ; HONG, HX; ZHOU, ZX; GONG; ZHANG, CY, *Journal of Environmental Science and Health Part C-Environmental Carcinogenesis & Ecotoxicology Reviews*, **36**(4) 169-191 (2018) <https://doi.org/10.1080/10590501.2018.1537118>
- 4016., HÉBERGER K, RAJKÓ R., *SAR QSAR Environ. Res.*, **13**, 541-554 (2002)  
Mulu Gebrekidan, Mesfin Redi-Abshiro, Bhagwan Singh Chandravanshi, Estifanos Ele, Ahmed M. Mohammed1 and Hassen Mamo2 Gebrekidan et al / *Chemistry International* 5(4) (201)
- 4017., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
N. E. MOUSTAFA, K. EL-K. F. MAHMOUD, *Separation Science Plus* **2019** pp. 1-10. <https://doi.org/10.1002/sscp.201900016>
- 4018., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
JINGXIA CUI, WENZE LI, CHAO FANG, SHUNTING SU, JIAOYANG LUAN, TING GAO, LIHONG HU, YINGHUA LU, AND GUANHUA CHEN, *IEEE Access*, **7** (2019) 38397-38706  
<https://doi.org/10.1109/ACCESS.2019.2905928>
- 4019., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 4020., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)

- 4021., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)  
L. L. PEREIRA, A. P. MORELI, T. R. MOREIRA, C. S. T. CATEN, J. P. P. MARCATE, D. G. DEBONA, R. C. GUARÇONI, *Agriculture Sciences*, **10**, 395-411 (2019)
- 4022., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
R. OCHOA, C. A. RODRIGUEZ, AND A. F. ZULUAGA, *Molecular Informatics*, **38**, Art Number: 1800126 (2019)
- 4023., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
F. C. P. RIBEIRO, A. S. OLIVEIRA, A. ARAÚJO, W. MARINHO, M. P. SCHNEIDER, L. PINTO, A. A. GOMES, *Microchemical Journal*, **147**, 622-627 (2019)
- 4024., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
TAN, CHIN XUAN, *Journal of Functional Foods*, **54**, 381-392 (2019)
- 4025., JAKAB A, HEBERGER K, FORGACS E, *J. Chromatogr A*, **976**, 255-263 (2002)  
G. SQUEO, S. GRASSI, V. M. PARADISO, C. ALAMPRESE, F. CAPONIO, *Food Control*, **102**, 149-156 (2019)  
<https://doi.org/10.1016/j.foodcont.2019.03.027>
- 4026., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
JULIUS OKELLO, CARL JOHAN LAGERKVIST, NORMAN KWI-KIRIZA, ROLAND BROUWER, ABDUL NAICO, SIMON HECK AND GORDON PRAIN, *Scaling up sweetpotato through agriculture and nutrition In-depth study on household production, nutrition and consumption in Beira, Mozambique*, International Potato Center, Mozambique, 2019 ISBN: 978-92-9060-521-8  
<https://doi.org/10.4160/9789290605218>
- 4027., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)  
XUE-CHAO SONG, MAGDALENA WRONA, CRISTINA NERIN, QIN-BAO LIN, HUAI-NING ZHONG, *Food Packaging and Shelf Life*, **20**, 100318 (2019)
- 4028., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
K. VUKOVIC, D. GADALETA AND EMILIO BENFENATI, *J Cheminform*, **11**, 27 (2019) <https://doi.org/10.1186/s13321-019-0350-y>
- 4029., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
BELAYA, NI; BELYI, AV; TIKHONOVA, GA; UDALOV YS; ANDRIYENKO, GO, *Izvestiya Vysshikh Uchebnykh Zavedenii Khimiya I Khimicheskaya Tekhnologiya*, **62**, 38-42 (2019)  
<https://doi.org/10.6060/ivkkt.20196202.5822>
- 4030., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
K. CIURA, A. RUTECKA, A. SZEWCZYK, P. KAWCZAK, T. BĄCZEK, J. NOWAKOWSKA, *Journal of the Iranian Chemical Society* **16**, 1019–1027 (2019)  
<https://doi.org/10.1007/s13738-018-01576-0>

- 4031., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
G. PETROVIC, J.-L. ALEIXANDRE-TUDO, A. BUICA, *OENO One*, **53**(2) 107-127 (2019)
- 4032., RÁCZ, A., GERE, A., BAJUSZ, D., HÉBERGER, K., *RSC Advances*, **8**(1) 10-21 (2018)  
A. A. D'ARCHIVIO \* AND A. GIANNITTO, *Int. J. Mol. Sci.* **20**, 2120; (2019) <https://doi.org/10.3390/ijms20092120>
- 4033., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- 4034., K. HÉBERGER, *Chemometrics Intell. Lab. Syst.*, **47**, 41-49 (1999)
- 4035., A. DALLOS, H. S. NGO, R. KRESZ, K. HÉBERGER *J. Chromatogr. A*, **1177**, 175-182 (2008)  
M. TEJEIRA AND M. CELEIRO, *SAR/QSAR Chapter 21 in: Advances in Plant Ecophysiology Techniques*, eds A.M. Sanches-Moreiras M.J. Reigosa, pp 347-361 (2018)  
[https://doi.org/10.1007/978-3-319-93233-0\\_21](https://doi.org/10.1007/978-3-319-93233-0_21)
- 4036., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
MUSSAVIRA, S., BINDHU, O.S., *Dusunen Adam*, **10**(1) 1317-1332 (2019)
- 4037., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)  
BHAKTA, R., KHILLARE, P.S., JYETHI, D.S., *Aerosol Science and Engineering*, 2019 <https://doi.org/10.1007/s41810-019-00041-6>
- 4038., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
APOSTOLOV, S., VASTAG, G., MRDJAN, G., NAKOMČIĆ, J., STOJILJKOVIĆ, I., *Journal of Liquid Chromatography and Related Technologies*, (2019)  
<https://doi.org/10.1080/10826076.2019.1590207>
- 4039., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
COSTA, M.C.A., CARVALHO, P.O.M., FERREIRA, M.M.C., *Journal of Chemometrics*, Article number e3131 (2019)
- 4040., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)  
ARSIĆ, M., MIHAJLOVIĆ, I., NIKOLIĆ, D., ŽIVKOVIĆ, Ž., PANIĆ, M., *Ozone-Science & Engineering*, **41**, (2019)  
<https://doi.org/10.1080/01919512.2019.1598844>
- 4041., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
ZHOU, Q., LIU, S., LIU, Y., SONG, H., *Royal Society Open Science*, **6**(3) Article number 190002 (2019)
- 4042., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* **117**, 1991-2006 (2015)  
GUTIÉRREZ-CAPITÁN, M., BRULL-FONTSERÈ, M., JIMÉNEZ-JORQUERA, C., *Sensors (Switzerland)* **19**, Issue 6, 2 March 2019, Article number 1435

- 4043., L. SIPOS, Z. KOVÁCS, V. SÁGI-KISS, T. CSIKI, Z. KÓKAI, A. FEKETE, K. HÉBERGER, *Food Chemistry*, **135**, 2947-2953 (2012)  
DAS, K., MOURYA, G.K., 2nd International Conference on Energy, Power and Environment: Towards Smart Technology, ICEPE 20184 March 2019, Article number 8658849 June 2018;
- 4044., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
YOU, J., MCLEOD, R.D., HU, P., *Computational Biology and Chemistry*, **80**, 90-101 (2019)
- 4045., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
da COSTA, R.A., SILVA, J.C.F., CRUZ, J.N., SILVA, S.O., SILVA, L.B., CONCEIÇÃO, G.S., SANTOS, C.B.R., ELLENA, J.A., ARRUDA, A.C., ARRUDA, M.S.P., BRASIL, D.S.B., *Chemical Data Collections*, **21**, Article number 100215 (2019)
- 4046., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
TEYE, E., AMUAH, C.L.Y., MCGRATH, T., ELLIOTT, C., *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **217**, 147-154 (2019)
- 4047., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ESTEKI, M., SHAHSAVARI, Z., SIMAL-GANDARA, J., *Food Research International*, **122**, 303-317 (2019)
- 4048., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
JIMÉNEZ-CARVELO, A., GONZÁLEZ-CASADO, A., BAGUR-GONZÁLEZ, M.G., CUADROS-RODRÍGUEZ, L., *Food Research International*, **122**, 25-39 (2019)
- 4049., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
QIU, B., ZHANG, M., XIE, Y., QU, X., LI, X., *Mechanical Systems and Signal Processing*, **128**, 429-445 (2019)
- 4050., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
WORKU, M., UPADHAYAY, H.R., LATRUWE, K., TAYLOR, A., BLAKE, W., VANHAECKE, F., DUCHATEAU, L., BOECKX, P., *Food Chemistry*, **290**, (2019) 295-307
- 4051., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**. 2111-2115 (2005)  
RAMOS, M., BURGOS, N., BARNARD, A., EVANS, G., PREECE, J., GRAZ, M., RUTHES, A.C., JIMÉNEZ-QUERO, A., MARTÍNEZ-ABAD, A., VILAPLANA, F., NGOC, L.P., BROUWER, A., VAN DER BURG, B., DEL CARMEN GARRIGÓS, M., JIMÉNEZ, A., *Food Chemistry*, **292**, (2019) 176-187
- 4052., ZSIGMOND, A.R., VARGA, K., KÁNTOR, I., URÁK, I., MAY, Z., HÉBERGER, K., *Journal of Food Composition and Analysis*, **72**, 15-21(2018)  
S KAUSAR AND A. O. FALCAO, *Molecules*, **24**, 1698 (2019)  
<https://doi.org/10.3390/molecules24091698>



- 4053., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
L CIRNU AND J. HARRINGTON, Jr. *Transactions of the Kansas Academy of Science*, **122**(1-2) 87-95 (2019)
- 4054., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)  
L. A TAVADYAN\* and S. H MINASYAN, *J. Chem. Sci.* **131**, 40 (2019) <https://doi.org/10.1007/s12039-019-1618-5>
- 4055., O. FARKAS, J. JAKUS, K. HÉBERGER, *Molecules*, **9**, 1079-1088 (2004)  
A. SAYAGO, R. GONZÁLEZ-DOMÍNGUEZ, J. URBANO, Á. FERNÁNDEZ-RECAMALES, *LWT - Food Science and Technology*, **111**, 99-104 (2019) <https://doi.org/10.1016/j.lwt.2019.05.009>.
- 4056., R. M. ALONSO-SALCES\*, N. SEGEBARTH, S. GARMÓN-LOBATO, M. V. HOLLAND, J. M. MORENO-ROJAS, J. A. FERNÁNDEZ-PIERNA, V. BAETEN, S. R. FUSELLI, B. GALLO, L. ANGEL BERRUETA, F. RENIERO, C. GUILLOU, K. HÉBERGER, *European Journal of Lipid Science and Technology* **117**, 1991-2006 (2015)
- 4057., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
KANGDE BAO, CHAOJUN ZHANG, SHENGGU XIE, GUIFANG FENG, SHIYU LIAO, LIETAO CAI, JIAJIA HE, YUEQIN GUO AND CHENGXI JIANG, *Molecules*, **24**, 1767 (2019)  
<https://doi.org/10.3390/molecules24091767>
- 4058., RÁCZ, A., VASS, A., HÉBERGER, K., FODOR, M., *Analytical and Bioanalytical Chemistry*, **407**, art. no. 8506, 2887-2898 (2015)  
BEHKAMI, S., ZAIN, S.M., GHOLAMI, M., KHIR, M.F.A. *Food Chemistry*, **294**, 309-315 (2019)
- 4059., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
GRAEPEL, R., TER BRAAK, B., ESCHER, S.E., FISHER, C., GARDNER, I., KAMP, H., KROESE, D., LEIST, M., MONÉ, M.J., PASTOR, M., VAN DE WATER, B., *Current Opinion in Toxicology*, **15**, 33-39 (2019)
- 4060., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
MERLI, D., SPELTINI, A., DONDI, D., LONGHI, D., MILANESE, C., PROFUMO, A., *Arabian Journal of Chemistry*, **12**, 549-558 (2019)
- 4061., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
GOLKHORSHIDI, F., SOROOSHIAN, A., JAFARI, A.J., BAGHANI, A.N., KERMANI, M., KALANTARY, R.R., ASHOURNEJAD, Q., DELIKHOON, M., *Atmospheric Pollution Research*, **10**, 921-930 (2019)
- 4062., KEYMEULEN R, GORGENYI M, HEBERGER K, PRIKSANE A. VAN LANGENHOVE H, *Atmosph. Environ.*, **35**, 6327-6335 (2001)  
BARLOTTA, A., PIRILLO, P., STOCCHERO, M., DONATO, F., GIORDANO, G., BONT, L., ZANCONATO, S., CARRARO, S., BARALDI, E., *Journal of Infectious Diseases*, **219**, 1216-1223 (2019)
- 4063., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)

- KALIVAS, J.H., *Data Handling in Science and Technology*, **31**, 345-370 (2019)
- 4067., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 4068., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 4069., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- 4070., KALIVAS, J.H., HÉBERGER, K., ANDRIES, E., *Analytica Chimica Acta*, **869**, 21-33 (2015)
- ADIGUZEL, A.C., CAKAR, F., SENKAL, B.F., CANKURTARAN, O., GURSEL, Y.H., KARAMAN, F., *Thermal Science*, **23**, S193-S202 (2019)
- 4071., KOLODZIEJEK, J., VOELKEL, A., HEBERGER, K., *J. Pharm. Sci.*, **102**, 1524-1531 (2013)
- WENZE LI, WEI MIAO, JINGXIA CUI, CHAO FANG, SHUNTING SU, HONGZHI LI, LIHONG HU, YINGHUA LU, AND GUANHUA CHEN, *Journal of Chemical Information and Modeling*, 2019  
<https://doi.org/10.1021/acs.jcim.8b00878>
- 4072., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- KEDZIORA-KOCH, KAMILA; RYKOWSKA, IWONA; WASIAK, WIESLAW, *Analytical Letters*, **52**, 1681-1698 (2019)
- 4073., PIETRZYNSKA, M; VOELKEL, A; HEBERGER, K; BIELICKA-DASZKIEWICZ, K; KACZMAREK, M, *Analytica Chimica Acta*, **751**, 182-188 (2012)
- HORI, K., KOH, F.H., TSUMURA, K., *Food Analytical Methods*, 2019  
<https://doi.org/10.1007/s12161-019-01525-4>
- 4074., Á. KESZLER, K. HÉBERGER, and M. GUDE, *HRC-J. High Resolut. Chromatogr.*, **21**, 368-370 (1998)
- BOLOGNESI, C., CIRILLO, S.B, CHIPMAN, J.K., *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, 2019  
<https://doi.org/10.1016/j.mrgentox.2019.05.004>
- 4075., HÉBERGER, K., KOLAREVIĆ, S., KRAČUN-KOLAREVIĆ, M., SUNJOG, K., GAČIĆ, Z., KLJAJIĆ, Z., MITRIĆ, M., VUKOVIĆ-GAČIĆ, B., *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **771**, 15-22 (2014)
- EDWARD J. SOARES, ALEXANDRA J. CLIFFORD, CAROLYN D. BROWN, RYAN R. DEAN AND AMBER M. HUPP, *Separations*, **6**, 28 (2019)
- 4076., ANDRÍC F, HÉBERGER K, *J Chromatogr A*, **1488**, 45-56 (2017).
- YE WANG, ZHI-TIAN ZUO, HENG-YU HUANG AND YUAN-ZHONG WANG, *Roy Soc. Open sci.* **6**, 190399.  
<http://dx.doi.org/10.1098/rsos.190399>
- 4077., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- A. KACZMAREK, M. MUZOLF-PANEK, J. TOMASZEWSKA-GRAS, P. KONIECZNY, *Pol. J. Food Nutr. Sci.*, **69**(2) 191-201 (2019)
- 4078., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- PETAR ŽUVELA, JONATHAN DAVID, XIN YANG, DEJIAN HUANG AND MING WAH WONG, *Int. J. Mol. Sci.* **20**, Article No. 2328 pp. 1-20 (2019)
- 4079., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)

- HUANG, C.-H., LAI, Y.-T., CUI, S.-M., YU, R.-C., CHENG, K.-C., *Taiwanese Journal of Agricultural Chemistry and Food Science*, **56**, 113-120 (2018)
- 4080., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
AL-HAKEIM, H.K., AL-FADHEL, S.Z., AL-DUJAILI, A.H., CARVALHO, A., SRISWASDI, S.F, MAES, M., *Molecular Neurobiology* 2019  
<http://dx.doi.org/10.1007/s12035-019-01647-0>
- 4081., RÁCZ, A., GERE, A., BAJUSZ, D., HÉBERGER, K., *RSC Advances*, **8**(1) 10-21 (2018)  
SHI, J., HU, X., ZOU, X., GUO, Z., HOLMES, M., TAHIR, H.E., HUANG, X., LI, Z., *Journal of Near Infrared Spectroscopy* 2019  
<http://dx.doi.org/10.1177/0967033519852012>
- 4082., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
ZHAO, L., WANG, Q., MA, K., *ACS Sustainable Chemistry and Engineering* 7(12) 10544-10551 (2019)  
<http://dx.doi.org/10.1021/acssuschemeng.9b01093>
- 4083., BIELICKA-DASZKIEWICZ, K; VOELKEL, A; PIETRZYNSKA, M; HEBERGER, K, *J. Chromatogr. A*, **1217**, 5564-5570 (2010)  
XIA, Y., ZHANG, H., *SAR and QSAR in Environmental Research* 30(7), 477-490 (2019)  
<http://dx.doi.org/10.1080/1062936X.2019.1619621>
- 4084., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **29**(9) 661-674. (2018)  
BACHMANN, R., SHAKIBA, N., FISCHER, M., HACKL, T., *Journal of Proteome Research* 18(6) 2458-2466 (2019)  
<http://dx.doi.org/10.1021/acs.jproteome.8b00985>
- 4085., R.M. ALONSO-SALCES, J.M. MORENO-ROJAS, M.V. HOLLAND, F. RENIERO, C. GUILLOU, AND K. HÉBERGER, *J. Agr. Food Chem.* **58**, 5586-5596 (2010)
- 4086., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)  
KOVAČEVIĆ, S., LONČAREVIĆ, I., PAJIN, B., FIŠTEŠ, A., VASILJEVIĆ, I., LAZOVIĆ, M., MRKAJIĆ, D., KARADŽIĆ BANJAC, M., PODUNAVAC-KUZMANOVIĆ, S., *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment* 2019  
<http://dx.doi.org/10.1080/19440049.2019.1606455>
- 4087., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)
- 4088., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 4089., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)  
PORTNOVA, S.V., YAMSHCHIKOVA, Y.F., KRASNYYKH, E.L., *Russian Journal of Physical Chemistry A*, **93**(3) 577-583 (2019)
- 4090., M. GÖRGÉNYI, K. HÉBERGER, *J. Chromatogr. Sci.*, **37**, 11-16 (1999)
- 4091., A.A. PAVLOVSKII, K. HEBERGER, I.G. ZENKEVICH, *Journal of Chromatography A*, **1445**, 126-134 (2016)

- VARGA, P., UHLÍK, P., LEXA, J., ŠURKA, J., BIZOVSKÁ, V., HUDEC, P., PÁLKOVÁ, H., *Monatshefte für Chemie*, **150**, 1025-1040 (2019)
- 4092., STRZEMIECKA, B; HEBERGER, K; VOELKEL, *J. Appl. Polym. Sci.*, **127**, 3839-3847 (2013)
- AWAD, H., ALLEN, K.J.H., ADAMKO, D.J., EL-ANEED, A., *Journal of Chromatography B*, **1122-1123**, 29-38 (2019)
- 4093., CARRARO, S., REZZI, S., RENIERO, F., HÉBERGER, K., GIORDANO, G., ZANCONATO, S., GUILLOU, C., BARALDI, E., *American Journal of Respiratory and Critical Care Medicine*, **175**, 986-990 (2007)
- FUJII, T., KAWASAKI, S.-I., *Journal of Supercritical Fluids*, **152**, Article number 104550 (2019)
- 4094., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- SUSS,.; LIN, W; GETMANENKO, O; PFLUG, L; SOBISCH, PEUKERT, W; LERCHE, D; SEGETS, D, *Particuology*, **44**, 71-79 (2019) <http://dx.doi.org/10.1016/j.partic.2018.05.010>
- 4095., ADAMSKA, K, VOELKEL, A, HEBERGER, K, *Journal of Chromatography A*, **1171**, 90-97 (2007)
- ARSIC, M; MIHAJLOVIC, I; NIKOLIC, D; ZIVKOVIC, Z; PANIC, M *Ozone-Science & Engineering*, 2019  
<http://dx.doi.org/10.1080/01919512.2019.1598844>
- 4096., A. LENGYEL, K. HÉBERGER, L. PAKSY, O. BÁNHIDI, R. RAJKÓ. *Chemosphere* **57**, 889-896 (2004)
- SENGUPTA, D; TIMILSINA, U; MAZUMDER,.; MUKHERJEE, A; GHIMIRE, D; MARKANDEY, M; UPADHYAYA, K; SHARMA, D; MISHRA, N; JHA, T BASU, S; GAUR, R, *European Journal of Medicinal Chemistry*, **174**, 66-75 (2019)  
<http://dx.doi.org/10.1016/j.ejmech.2019.04.051>
- 4097., VANYUR R, HEBERGER K, JAKUS J, *J. Chem. Inf. Comput. Sci.*, **43**, 1829-1836 (2003)
- DONATELLA BÁLINT, AND LORENTZ JÄNTSCHI, *Symmetry*, **11**, Article No. 779; (2019) <http://dx.doi.org/10.3390/sym11060779>
- 4098., A. RÁCZ, N. PAPP, E. BALOGH, M. FODOR, K. HÉBERGER, *Anal. Methods*, **7**, 4216-4224 (2015)
- PENG, C.-Y., ZHANG, Y.-L., SONG, W., CAI, H.-M., WANG, Y., GRANATO, D, *Food Chemistry*, **297**, Article number 124963 (2019)
- 4099., F SERRA, C G. GUILLOU, F RENIERO, L BALLARIN, M I. CANTAGALLO, M WIESER, S S. IYER, K HÉBERGER, F VANHAECKE, *Rapid Commun. Mass Spectr.* **19**. 2111-2115 (2005)
- BERNASCONI, C., PELKONEN, O., ANDERSSON, T.B., STRICKLAND, J., WILK-ZASADNA, I., ASTURIOL, D., COLE, T., LISKA, R., WORTH, A., MÜLLER-VIEIRA, U., RICHERT, L., CHESNE, C., COECKE, S., *Toxicology in Vitro*, **60**, 212-228 (2019)
- 4100., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- GAJSKI, G., ŽEGURA, B., LADEIRA, C., NOVAK, M., SRAMKOVA, M., POURRUT, B., DEL BO, C., MILIĆ, M., GUTZKOW, K.B., COSTA, S.J, DUSINSKA, M., BRUNBORG, G.,

- COLLINS, A., *Mutation Research - Reviews in Mutation Research*, **781**, 130-164 (2019)
- 4101., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
ASAMENEW, G., KIM, H.-W., LEE, M.-K., LEE, S.-H., LEE, S., CHA, Y.-S., LEE, S.H., YOO, S.M., KIM, J.-B., *Food Chemistry: X* **2**, Article number 100033 (2019)
- 4102., ALONSO-SALCES RM, SERRA F, RENIERO F, HEBERGER K, *J. Agr. Food. Chem.*, **57**, 4224-4235 (2009)  
DAVIES, I.W., *Nature*, **570**(7760), 175-181 (2019)
- 4103., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
WANG, Y.-Y., LI, J.-Q., LIU, H.-G., WANG, Y.-Z, *Molecules*, **24**, Article number 2210 (2019)
- 4104., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
GONZALEZ-FERNANDEZ, I., IGLESIAS-OTERO, M.A., ESTEKI, M., MOLDES, O.A., MEJUTO, J.C., SIMAL-GANDARA, J., *Critical Reviews in Food Science and Nutrition* **59**, 1913-1926 (2019)
- 4105., S. REZZI, D. E. AXELSON, K. HÉBERGER, F. RENIERO, C. MARIANI AND C. GUILLOU, *Anal. Chim. Acta*, **552**, 13-24 (2005)  
DE RYBEL, N., VAN STEENBERGE, P.H.M., REYNIERS, M.-F., D'HOOGHE, D.R., MARIN, G.B., *Macromolecules*, **52**(12) 4555-4569 (2019)
- 4106., HEBERGER K; FISCHER H, *Int. J. Chem. Kinet.*, **25**, 249-263 (1993)  
EBEJER, J.-P., FINN, P.W., WONG, W.K., DEANE, C.M., MORRIS, G.M., *Journal of Chemical Information and Modeling*, **59**(6) 2600-2616 (2019)
- 4107., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
WALTER, S.V., ENNEN-ROTH, F., BÜNING, D., DENIZER, D., ULBRICHT, M., *ACS Applied Bio Materials*, **2**(6), pp. 2464-2480 (2019)
- 4108., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)  
PUTRI, A.R., ROHMAN, A., RIYANTO, S., *International Journal of Applied Pharmaceutics*, **11**(3), pp. 195-199 (2019)
- 4109., HÉBERGER, K. Chemoinformatics-multivariate mathematical-statistical methods for data evaluation, *Medical Applications of Mass Spectrometry*, pp. 141-169 (2008)  
<http://dx.doi.org/10.1016/B978-044451980-1.50009-4>  
WANG, Y., ZUO, Z.-T., HUANG, H.-Y., WANG, Y.-Z. *Royal Society Open Science*, **6**(5),190399 (2019)
- 4110., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
CHOI, Y., KIM, M., LEE, J., *Journal of the Korean Society of Food Science and Nutrition*, **48**(3) 372-384 (2019)
- 4111., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)

- PAJARITO, B.B., *IEEE Journal of Selected Topics in Quantum Electronics*, **26**(1) 282-291 (2019)
- 4112., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)  
DIMITRIĆ, N., SPREMO, N., VRANEŠ, M., BELIĆ, S., KARAMAN, M., KOVAČEVIĆ, S., KARADŽIĆ, MB, PODUNAVAC-KUZMANOVIĆ, S., KOROLIJA-CRKVENJAKOV, D., GADŽURIĆ, S., *RSC Advances*, **9**(31) 17905-17912 (2019)
- 4113., HÉBERGER K., KOLLÁR-HUNEK K., *J. Chemometr.*, **25**, 151-158 (2011)
- 4114., KOLLÁR-HUNEK K., HÉBERGER K., *Chemometrics and Intelligent Laboratory Systems*, **127**, 139-146 (2013)
- 4115., VRACKO, M; MINOVSKI, N; HEBERGER, K, *Acta Chimica Slovenica*, **57**, 586-590 (2010)  
RAKIĆ, M., FURTULA, B., *Journal of Chemometrics*, e3138 (2019)
- 4116., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
VERSCHUEREN, R.H., SCHMAUCK, J., PERRYMAN, M.S., YUE, H.-L., RIEGGER, J., SCHWEITZER-CHAPUT, B, BREUGST, M., *Chemistry - A European Journal* (2019)  
<http://dx.doi.org/10.1002/chem.201901439>
- 4117., K. HÉBERGER AND A. LOPATA, *J. Org. Chem.*, **63**, 8646-8653 (1998)
- 4118., HÉBERGER, K., LOPATA, A., JÁSZBERÉNYI, J.Cs. *Journal of Physical Organic Chemistry*, **13**(3) 151-156 (2000)  
ŽUVELA, P., LIN, K., SHU, C., ZHENG, W., LIM, C.M., HUANG, Z., *Analytical Chemistry* (2019)
- 4119., HEBERGER, K, *TRAC - Trends Anal. Chem.*, **29**, 101-109 (2010)  
CHER HAAN LAU AND LEE SUAN CHUA, *ChemEngineering*, **3**, 64 (2019)
- 4120., BIELICKA-DASZKIEWICZ, K; VOELKEL, A; PIETRZYNSKA, M; HEBERGER, K, *J. Chromatogr. A*, **1217**, 5564-5570 (2010)  
KEVIN VERVIER, HILARY P. BROWNE, TREVOR D. LAWLEY, CarboLogR: a Shiny/R application for statistical analysis of bacterial utilisation of carbon sources, *bioRxiv* preprint first posted online Jul. 8, 2019; <http://dx.doi.org/10.1101/695676>.
- 4121., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
BRYAN B. PAJARITO, *Sci Eng Compos Mate*, **26**, 282-291 (2019)
- 4122., S. REZZI, I. GIANI, K. HÉBERGER, D. E. AXELSON, V. M. MORETTI, F. RENIERO, C. GUILLOU, *J. Agr. Food Chem.*, **55**, 9963-9968 (2007)  
C. JACQUEMARD, V-K. TRAN-NGUYEN, M. N. DRWAL, D. ROGNAN AND E. KELLENBERGER, *Molecules*, **24**, 2610 (2019)  
<http://dx.doi.org/10.3390/molecules24142610>
- 4123., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *Journal of Cheminformatics*, **10**, Article No. 48 (2018)  
P. MOROZZI, A. ZAPPI, F. GOTTARDI, M. LOCATELLI AND D. MELUCCI, *Molecules*, **24**, 2602 (2019)  
<http://dx.doi.org/10.3390/molecules24142602>
- 4124., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)

- K. J. OLEJAR, A. RICCI, S. SWIFT, Z. ZUJOVIC, K. C. GORDON, B. FEDRIZZI, A. VERSARI AND P. A. KILMARTIN, *Antioxidants*, **8**, 232; (2019) <http://dx.doi.org/10.3390/antiox8070232>
- 4125., A. RÁCZ, N. PAPP, E. BALOGH, M. FODOR, K. HÉBERGER, *Anal. Methods*, **7**, 4216-4224 (2015)  
YU WEI, WEI LI, TENGFEI DU, ZHANGYONG HONG AND JIANPING LIN, *Int. J. Mol. Sci.* **20**, 3572(2019)  
<http://dx.doi.org/10.3390/ijms20143572>
- 4126., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
HEBA ELMANSI, JENNY JEEHAN NASR, AZZA H. RAGEH, MOHAMED I. EL-AWADY, GHADA S. HASSAN, HATEM A. ABDEL-AZIZ AND FATHALLA BELAL, *BMC Chemistry*, **13**:84 (2019) <https://doi.org/10.1186/s13065-019-0607-6>
- 4127., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)  
ALI ASHTIANI ABDI, FARAHNAZ NOURMOHAMMADIAN, TAYEBEH AMERI, *Journal of Molecular Modeling*, **25**, 224 (2019)  
<https://doi.org/10.1007/s00894-019-4110-8>
- 4128., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
JANAINA AITH BARBARÁ, *Ph.D. Theses*, Evaluation of the Influence of Maturation and Maceration on the Phenolic and Volatile Profile of San Francisco Valley Red Syrah Wine by Chromatographic Techniques [In Portuguese]; Rio Grande Do Sul Federal University 2019 April.
- 4129., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- 4130., K. HÉBERGER and M. GÖRGÉNYI, *J. Chromatogr. A*, **845**, 21-31 (1999)  
D. M. RAJATHEI, S. PARTHASARATHY AND S. SELVARAJ, *Current Computer-Aided Drug Design*, **15**, 000-000 (2019)  
<https://doi.org/10.2174/1573409914666181011144810>
- 4131., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)  
D. COZZOLINO, A. POWER, J. CHAPMAN, *Food Analytical Methods*, <https://doi.org/10.1007/s12161-019-01605-5>
- 4132., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
S. R. MARTINEZ, C. C. PAVANI, M. S. BAPTISTA, M. C. BECERRA, M. A. QUEVEDO AND S. R. RIBONE, *Journal of biomolecular Structure & Dynamics*, June 2019
- 4133., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
P. KASHYAP, A. KUMAR, R. PRAVESH KUMAR, K. KUMAR, *Atmospheric Pollution Research*,  
<https://doi.org/10.1016/j.apr.2019.07.004>
- 4134., KEYMEULEN R, GORGENYI M, HEBERGER K, PRIKSANE A. VAN LANGENHOVE H, *Atmosph. Environ.*, **35**, 6327-6335 (2001)

- M. V. F. ANDRADE, F. R. SANTOS, A. H. B. OLIVEIRA, R. F. NASCIMENTO, R. M. CAVALCANTE, *Marine Pollution Bulletin*, **146** 703-710 (2019)
- 4135., M. GÖRGÉNYI, J. DEWULF, H. VAN LANGENHOVE, K. HÉBERGER, *Chemosphere*, **65**, 802-810 (2006)
- N. M. BHATT, V. D. CHAVADA, M. SANYAL, P. S. SHRIVASTAV, *Biomedical Chromatography*, (2019) <https://doi.org/10.1002/bmc.4666>
- 4136., F. ANDRIĆ, D. BAJUSZ, A. RÁCZ, S. ŠEGAN, K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **127**, 81-93. (2016)
- D. D. MATYUSHIN, A. YU. SHOLOKHOVA, A. K. BURYAK, *Journal of Chromatography A*, (2019) <https://doi.org/10.1016/j.chroma.2019.460395>
- 4137., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)
- 4138., O. FARKAS, K. HÉBERGER, I. G. ZENKEVICH, *Chemometrics Intell. Lab. Syst.*, **72**, 173-184 (2004)
- 4139., O. FARKAS, I. G. ZENKEVICH, F. STOUT, J. H. KALIVAS, K. HEBERGER, *Journal of Chromatography A*, **1198–1199**, 188-195 (2008)
- K. CIURA, P. KAWCZAK, K. E. GREBER, H. KAPICA, J. NOWAKOWSKA, T. BACZEK, I: *Journal of Pharmaceutical and Biomedical Analysis*, (2019) <https://doi.org/10.1016/j.jpba.2019.07.015>
- 4140., ANDRIĆ, F., HÉBERGER, K., *Journal of Chromatography A*, **1380**, 130-138 (2015)
- 4141., F. ANDRIC and K. HÉBERGER, *Journal of Pharmaceutical and Biomedical Analysis*, **115**, 183-191 (2015)
- H. KANEKO, *Journal of Chemometrics*. Article No. e3171 (2019) <https://doi.org/10.1002/cem.3171>
- 4142., A. RÁCZ, D. BAJUSZ, K. HÉBERGER, *SAR and QSAR in Environmental Research*, **26**, 683-700 (2015)
- C. Z. GÓMEZ-CASTRO, M. LÓPEZ-MARTÍNEZ, J. HERNÁNDEZ-PINEDA, J. G. TRUJILLO-FERRARA, I. I. PADILLA-MARTÍNEZ, *J. Mol. Recognit.* (2019) e2801. <https://doi.org/10.1002/jmr.2801>
- 4143., ANITA RÁCZ, DÁVID BAJUSZ, KÁROLY HÉBERGER, *Journal of Cheminformatics*, **10**, Article number: 48 (2018)
- J. F. KOLMAR, O. THUM, AND F. BAGANZ, *Biotechnol. J.* 1800581 (2019)
- 4145., ADAMSKA, K, VOELKEL, A, HEBERGER, K, *Journal of Chromatography A*, **1171**, 90-97 (2007)
- B. S. KARTHIKEYAN, J. RAVICHANDRAN, K. MOHANRAJ, R.P. VIVEK-ANANTH, A. SAMAL, *Science of the Total Environment*, **692**, 281-296 (2019)
- 4146., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)
- J. ZHANG, Z. TIAN, Y. MA, F. SHAO, J. HUANG, HAO WU, AND L. TIAN, *Journal of Food Quality*, Article ID 7525201, (2019) <https://doi.org/10.1155/2019/7525201>
- 4147., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)
- R. BARBOSA-CORNELIO, F. CANTOR, E. COY-BARRERA AND D. RODRÍGUEZ, *Insects*, **10**, 241; (2019)



- <https://doi.org/10.3390/insects10080241>
- 4148., K. HEBERGER, *J. Chromatogr A*, **1158**, 273-305 (2007)  
S. LAZZARO & N. OGRINC & L. LAMONT & G. VECCHIO & G. PAPPALARDO & R. M. A. HEEREN, *Analytical and Bioanalytical Chemistry*, (2019)  
<https://doi.org/10.1007/s00216-019-02030-7>
- 4149., L. A. BERRUETA, R. M. ALONSO-SALCES, K. HÉBERGER, *J. Chromatogr. A*, **1158**, 196-214 (2007)  
Francijara Araújo Da Silva, PhD.Theses, *Genotoxicity And Comparative Cytogenomics In Manaus, Amazone Polluted Igarapes Fish*, Instituto Nacional De Pesquisas [in Portuguese] Manaus, Amazonas 2019
- 4150., SUNJOG, K; KOLAREVIC, S; HEBERGER, K; GACIC, Z; KNEZEVIC-VUKCEVIC, J; VUKOVIC-GACIC, B; LENHARDT, M, *Analytical and Bioanalytical Chemistry*, **405**, 4879-4885 (2013)  
JING LIANG, JIANHUI ZHU, MENGMENG WANG, AMIT G. SINGAL, MOBOLAJI ODEWOLE, SOFIA KAGAN, VERONICA RENTERIA, SUYU LIU, NEEHAR D. PARIKH, DAVID M. LUBMAN, *Scientific Reports*, **9**, 11580 (2019) |
- 4151., T. IMRE, T. KREMMER, K. HÉBERGER, É. MOLNÁR-SZÖLLÖSI, K. LUDÁNYI, G. PÓCSFALVI, A. MALORNI, L. DRAHOS, K. VÉKEY, *Journal of Proteomics*, **71**, 186-197 (2008)  
MIRANDA-QUINTANA, RA; KIM, TD; HEIDAR-ZADEH, F; AYERS, PW, *Journal of Mathematical Chemistry*, **57**, 1755-1769 (2019)
- 4152., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Chemical Data Formats, Fingerprints, and Other Molecular Descriptions for Database Analysis and Searching*, (2017)  
Comprehensive Medicinal Chemistry III, 3-8, pp. 329-378. ISBN: 978-012803200-8; 978-012803201-5 <https://doi.org/10.1016/B978-0-12-409547-2.12345-5>  
LENA Y.E. EKANEY, FIDELE NTIE-KANG, Chemical similarity methods for analysing secondary metabolite structures *DeGruyter Physical Sciences Reviews* (Manuscript ID PSR.2018.0129.R1)
- 4153., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
K. PARK, Y.-J. KO, P. DURAI AND C.-H. PAN, *Nucleic Acids Research*, **2019** No. 1 <https://doi.org/10.1093/nar/gkz743>
- 4154., BAJUSZ, D., RÁCZ, A., HÉBERGER, K., *Journal of Cheminformatics*, **7**, art. no. 20 (2015)  
A. TORMA, CS. ORBÁN, ZS. BODOR AND CS. BENEDEK, *Acta Alimentaria*, **48**, 297-305 (2019)  
<https://doi.org/10.1556/066.2019.48.3.3>
- 4155., GERE, A., SIPOS, L., HÉBERGER, K., *Food Quality and Preference*, **43**, 88-96 (2015)

The updation of citation record is too tedious and needs large amount of time not available any more.

It is recommended to follow my record at:

1) Web of Sci: Web of Science Researcher ID: A-4195-2011

2) Scopus: Scopus Author ID: 7003466436

3) Google scholar: <https://scholar.google.com/citations?hl=en&user=nWaAOrsAAAAJ>