

Current Contents Publications

GRACZOVÁ, Elena - ŠULGAN, Branislav - BARABAS, Samuel - STELTENPOHL, Pavol. Methyl acetate-methanol mixture separation by extractive distillation: Economic aspects. In *Frontiers of Chemical Science and Engineering*. Vol. 12, iss. 4 (2018), s. 670-682. ISSN 2095-0179. V databáze: CC: 000454888500007.

MATEJČEKOVÁ, Zuzana - SOLTÉSZOVÁ, Friderika - AČAI, Pavel - LIPTÁKOVÁ, Denisa - VALÍK, Ľubomír. Application of *Lactobacillus plantarum* in Functional Products Based on Fermented Buckwheat. In *Journal of food science*. Vol. 83, iss. 4 (2018), s. 1053-1062. ISSN 0022-1147. V databáze: CC: 000430123600025 ; DOI: 10.1111/1750-3841.14090.

SLÁDKOVÁ, Alexandra - STOPKA, Ján - HÁZ, Aleš - STRIŽINCOVÁ, Petra - ŠURINA, Igor - KREPS, František - BURČOVÁ, Zuzana - JABLONSKÝ, Michal. Microwave-assisted Extraction of Spruce Bark: Statistical Optimization Using Box-Behnken Design. In *BioResources*. Vol. 13, iss. 4 (2018), s. 8993-9004. ISSN 1930-2126. V databáze: CC: 000454215100132.

VALÍK, Ľubomír - AČAI, Pavel - MEDVEĎOVÁ, Alžbeta. Application of competitive models in predicting the simultaneous growth of *Staphylococcus aureus* and lactic acid bacteria in milk. In *Food Control*. Vol. 87, (2018), s. 145-152. ISSN 0956-7135. V databáze: CC: 000428606500019 ; DOI: 10.1016/j.foodcont.2017.12.018. Projekt: APVV-15-0006 122.

VARGAI, Peter - ČERVENĀNSKÝ, Ivan - MIHAL', Mário - MARKOŠ, Jozef. Design of hybrid systems with in-situ product removal from fermentation broth: Case study for 2-phenylethanol production. In *Chemical Engineering and Processing*. Vol. 134, (2018), s. 58-71. ISSN 0278-6915. V databáze: CC: 000453338400008.

DANKO, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj - JELEMENSKÝ, Ľudovít. Fault propagation behavior study of CSTR in HAZOP. In *Chemical Papers*. Vol. 72, iss. 3 (2018), s. 515-526. ISSN 0366-6352. V databáze: CC: 000425783100001.

MANDAL, Sandip - BHATTACHARYA, T.K. - VERMA, Ajit Kumar - HAYDARY, Juma. Optimization of process parameters for bio-oil synthesis from pine needles (*Pinus roxburghii*) using response surface methodology. In *Chemical Papers*. Vol. 72, iss. 3 (2018), s. 603-616. ISSN 0366-6352. V databáze: CC: 000425783100009 ; DOI: 10.1007/s11696-017-0306-5.

SCHLOSSER, Štefan - MARTÁK, Ján - BLAHUŠIAK, Marek. Specific phenomena in carboxylic acids extraction by selected types of hydrophobic ionic liquids. In *Chemical Papers*. Vol. 72, iss. 3 (2018), s. 567-584. ISSN 2585-7290. V databáze: CC: 000425783100006.

Publications Listed in Web of Science or SCOPUS

DANKO, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj - LABOVSKÁ, Zuzana [Švandová, Z.] - JELEMENSKÝ, Ľudovít. Use of LOPA Concept to Support Automated Simulation-Based HAZOP Study. In *Chemical Engineering Transactions*. Vol. 67, (2018), s. 283-288. ISSN 2283-9216. V databáze: SCOPUS: 2-s2.0-85054067472.

GRACZOVÁ, Elena - VAVRUŠOVÁ, Monika. Extractive distillation of acetone - Methanol mixture using 1-ethyl-3-methylimidazolium trifluoromethanesulfonate. In *Chemical Engineering Transactions*. Vol. 70, (2018), s. 1189-1194. ISSN 2283-9216. V databáze: SCOPUS: 2-s2.0-85051413810 ; DOI: 10.3303/CET1870199.

HAYDARY, Juma. Aspen Simulation of Two-Stage Pyrolysis/Gasification of Carbon Based Solid Waste. In *Chemical Engineering Transactions*. Vol. 70, (2018), s. 1033-1038. ISSN 2283-9216. V databáze: SCOPUS: 2-s2.0-85051389567 ; DOI: 10.3303/CET1870173.

HELLING, Alexander - KÖNIG, Hannes - SEILER, Felix - BERKHOLZ, Ralph - THOM, Volkmar - POLAKOVIČ, Milan. Retention of *acholeplasma laidlawii* by sterile filtration membranes: Effect of

cultivation medium and filtration temperature. In *PDA Journal of Pharmaceutical Science and Technology*. Vol. 72, iss. 3 (2018), s. 264-277. ISSN 1079-7440. V databáze: DOI: 10.5731/pdajpst.2017.008102 ; SCOPUS: 2-s2.0-85049737855.

JANOŠOVSKÝ, Ján - DANKO, Matej - JELEMENSKÝ, Ľudovít - LABOVSKÝ, Juraj. Computer Aided HAZOP Study Implementation Bottlenecks in Chemical Industry. In *Chemical Engineering Transactions*. Vol. 67, (2018), s. 229-234. ISSN 2283-9216. V databáze: SCOPUS: 2-s2.0-85054102899 ; DOI: 10.3303/CET1867039.

VARINY, Miroslav - HRUŠKA, Michal - MIERKA, Otto. Black liquor gasification as means of efficient cogeneration technology - A model study. In *Waste Forum [elektronický zdroj]*. Year 2018, iss. 2 (2018), s. 174-182. ISSN 1804-0195.

VARINY, Miroslav - MIERKA, Otto. Boiler performance and combusted biomass quality control improvement in an industrial biomass boiler. In *Waste Forum [elektronický zdroj]*. iss. 3 (2018), online, s. 346-358. ISSN 1804-0195. V databáze: SCOPUS: 2-s2.0-85053465128.

ILLEOVÁ, Viera - POLAKOVIČ, Milan. Design of operational temperature for immobilized glucose isomerise using an accelerated inactivation method. In *Acta Chimica Slovaca*. Vol. 11, iss. 2 (2018), s. 157-162. ISSN 1337-978X. V databáze: DOI: 10.2478/acs-2018-0022 ; WOS: 000453921700010.

ILLEOVÁ, Viera - POLAKOVIČ, Milan. Thermal inactivation kinetics of *Aspergillus oryzae* β -galactosidase in concentrated lactose solution. In *Acta Chimica Slovaca*. Vol. 11, iss. 2 (2018), s. 170-174. ISSN 1337-978X. V databáze: DOI: 10.2478/acs-2018-0024 ; WOS: 000453921700012.

ROYEN, M.J. - NOORI, A.W. - HAYDARY, Juma. Batch drying of sliced tomatoes at specific ambient conditions. In *Acta Chimica Slovaca*. Vol. 11, iss. 2 (2018), s. 134-140. ISSN 1337-978X. V databáze: DOI: 10.2478/acs-2018-0019 ; WOS: 000453921700007.

Published Conference Contributions

HAYDARY, Juma - ŠUHAIJ, Patrik. Two stage pyrolysis/gasification of solid waste for tar free high hydrogen content syngas production. In *2017 Sustainable Industrial Processing Summit And Exhibition, Volume 5 [elektronický zdroj] : Marquis International Symposium/ New and Advanced Materials & Technologies for Energy, Environment and Sustainable Development, 22-26 October 2017*. 1. vyd. Quebec : Flogen Star Outreach, 2017, CD-ROM, S. 135-144. ISBN 978-1-987820-79-9.

HAYDARY, Juma. Thermochemical recycling of organic solid waste. In *Fourth International Conference on Reuse and Recycling of Materials (ICRM 2018), 9-11 March 2018, Kottayam, Kerala, India*. 1. vyd. Kottayam, Kerala : IIUCNN, 2018, S. [4]. ISBN 978-93-5300-475-0.

BLAHUŠIAK, Marek - VARINY, Miroslav - MIERKA, Otto. Potential and limitations of modern kraft boilers design impact on utility system of a paper mill – a case study. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 214-219. ISBN 978-80-86238-77.

ČERVEŇANSKÝ, Ivan - MIHAL, Mário - MARKOŠ, Jozef. Mathematical Modeling and Simulation in Natural Flavors and Fragrances Bioproduction Intensification. In *Computer Aided Chemical Engineering : 28th European Symposium on Computer Aided Process Engineering, June 10th to 13th, 2018, Graz, Austria*. Vol. 43, (2018), s. 687-692. V databáze: DOI: 10.1016/B978-0-444-64235-6.50122-4.

DANKO, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj - LABOVSKÁ, Zuzana [Švandová, Z.] - JELEMENSKÝ, Ľudovít. On the combination of LOPA and mathematical modelling for complex hazard identification. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 420-425. ISBN 978-80-86238-77.

HRUŠKA, Michal - VARINY, Miroslav - MIERKA, Otto. Modelling the design and off-design performance of a modern recovery boiler based cogeneration unit. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 271-275. ISBN 978-80-86238-77.

JANOŠOVSKÝ, Ján - VARINY, Miroslav - BLAHUŠIAK, Marek - MIERKA, Otto. Consequences of energy management measures in production process on res-based cogeneration unit. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 265-270. ISBN 978-80-86238-77.

JANOŠOVSKÝ, Ján - DANKO, Matej - LABOVSKÝ, Juraj - JELEMENSKÝ, Ľudovít. Challenges in hazard identification automation. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 414-419. ISBN 978-80-86238-77.

JANOŠOVSKÝ, Ján - BARTOŠ, Matej - LABOVSKÝ, Juraj. Improvements in temperature control system of residual hydrocracker unit. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 330-335. ISBN 978-80-86238-77.

MARKOVÁ, Eva - ADAMÍKOVÁ, Jana - MOLNÁR, Tomáš - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. pH and salt concentration influence on the adsorption of proteins on Eshmuno HCX. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 393-397. ISBN 978-80-86238-77.

MIHAL', Mário - ČERVENĀNSKÝ, Ivan - MARKOŠ, Jozef. Production of 2-pheynylethanol and phenylacetic acid in silicone rubber membrane hybrid system. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 50-55. ISBN 978-80-86238-77.

VARGAI, Peter - ČERVENĀNSKÝ, Ivan - MIHAL', Mário - MARKOŠ, Jozef. Design of Biotechnological Production of 2-Phenylethanol. In *Computer Aided Chemical Engineering : 28th European Symposium on Computer Aided Process Engineering, June 10th to 13th, 2018, 2018, Graz, Austria*. Vol. 43, (2018), s. 779-784. V databáze: DOI: 10.1016/B978-0-444-64235-6.50137-6.

VARINY, Miroslav - MIERKA, Otto. Environmental and energetic aspects of variable biomass quality fed to a steam boiler. In *TVIP 2018 [elektronický zdroj] : Odpadové fórum, Aprochem & Průmyslová ekologie, 6.-8. března 2018, Hustopeče*. 1. vyd. Praha : České ekologické manažerské centrum, 2018, CD-ROM, S. [7]. ISBN 978-80-85990-12-6.

VARINY, Miroslav - HRUŠKA, Michal - MIERKA, Otto. Energetic and environmental evaluation of two black liquor processing technologies. In *TVIP 2018 [elektronický zdroj] : Odpadové fórum, Aprochem & Průmyslová ekologie, 6.-8. března 2018, Hustopeče*. 1. vyd. Praha : České ekologické manažerské centrum, 2018, CD ROM, [7] s. ISBN 978-80-85990-12-6.

VARINY, Miroslav - ILLÉS, Peter - HANUS, Kristián - ŠUPA, Ivan - MIERKA, Otto. Experiences with new steam source integration into a refinery's steam network. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 112-116. ISBN 978-80-86238-77.

VARINY, Miroslav - MIERKA, Otto - HUSÁR, Jakub. Proposal for more efficient heat recovery from black liquor in batch cooking process. In *Proceedings of the 6th International Conference on Chemical Technology, 16.-18.4.2018, Mikulov, Czech Republic [elektronický zdroj]*. 1. vyd. Česko : Czech Society of Industrial Chemistry, 2018, S. 127-131. ISBN 978-80-86238-77.

VARINY, Miroslav - HANUS, Kristián - ILLÉS, Peter. Steam network operation efficiency assessment and modelling. In *Recenzovaný sborník příspěvků mezinárodní vědecké konference MMK 2018:*

Mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky, 17.-21.12.2018 [elektronický zdroj]. 1. vyd. Hradec Králové : MAGNANIMITAS, 2018, S. 1008-1015. ISBN 978-80-87952-27-6. Projekt: APVV-15-0148 122 ; 1/0659/18 113.

VARINY, Miroslav - HANUS, Kristián - ILLÉS, Peter. A study on extensive steam network stability enhancement. In *Recenzovaný sborník příspěvků mezinárodní vědecké konference MMK 2018: Mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky, 17.-21.12.2018 [elektronický zdroj]*. 1. vyd. Hradec Králové : MAGNANIMITAS, 2018, S. 999-1007. ISBN 978-80-87952-27-6. Projekt: APVV-15-0148 122 ; 1/0659/18 113.

BARTOŠ, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj. Temperature Profile Determination in an Industrial Chemical Reactor. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov*. 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 771-776. ISBN 978-80-223-4517-0.

BARTOŠ, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj. Vývoj softvérového nástroja na vizualizáciu teplotného profilu v chemickom reaktore. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj]*. 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 221-222. ISBN 978-80-89597-99-4.

FURDA, Patrik - VARINY, Miroslav. Návrh tepelno-energetického hospodárstva výroby Fluidný katalytický krak – modelovanie vybraných separačných procesov. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov*. 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 815-821. ISBN 978-80-223-4517-0.

FURDA, Patrik - VARINY, Miroslav. Modelovanie delenia C3 frakcie v rafinérii. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj]*. 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 227-228. ISBN 978-80-89597-99-4.

HANUS, Kristián - ŠUPA, Ivan - VARINY, Miroslav - ILLÉS, Peter. Analysis of refinery's steam network operation. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov*. 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 840-845. ISBN 978-80-223-4517-0.

HANUS, Kristián - ŠUPA, Ivan - VARINY, Miroslav - ILLÉS, Peter. Potential for improvement in a refinery's steam network operational stability. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov*. 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 846-851. ISBN 978-80-223-4517-0.

HRUŠKA, Michal - VARINY, Miroslav. Analýza a porovnanie možností výroby elektrickej energie a tepla pre proces spaľovania a splyňovania čierneho lúhu. In *Študentská vedecká konferencia 2018 Fakulty prírodných vied UKF v Nitre a Fakulta prírodných vied UMB v Banskej Bystrici : zborník recenzovaných príspevkov*. 1. vyd. Banská Bystrica : Fakulta prírodných vied Univerzita Mateja Bela v Banskej Bystrici, 2018, S. 279-285. ISBN 978-80-557-1415-8.

HRUŠKA, Michal - VARINY, Miroslav. Porovnanie výroby elektrickej energie niekoľkých modelov splyňovania čierneho lúhu s kombinovaným cyklom. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov*. 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 882-883. ISBN 978-80-223-4517-0.

HRUŠKA, Michal - VARINY, Miroslav. Modelovanie splyňovača dreveného odpadu a jeho integrácia do papierne so splyňovačom čierneho lúhu. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj]*. 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 233-234. ISBN 978-80-89597-99-4.

JÁNOŠÍKOVÁ, Šárka - STELTENPOHL, Pavol. Modelovanie extrakčnej destilácie kyseliny octovej z jej vodného roztoku. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou*

Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj /]. 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 233-234. ISBN 978-80-89597-99-4.

JEDINÁ, Dominika - VARINY, Miroslav. Analýza zmeny zdroja tepla pre rektifikačné kolóny v prostredí rafinérie. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj /].* 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 225-226. ISBN 978-80-89597-99-4.

MARKOVÁ, Eva - ADAMÍKOVÁ, Jana. Sledovanie vplyvu typu a koncentrácie soli na adsorpciu modelových proteínov na multimodálny adsorbent Capto MMC. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj /].* 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 241-242. ISBN 978-80-89597-99-4.

MATEJČÍKOVÁ, Anna - DUDÁŠ, Jozef. Analýza procesov výroby niacínu. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj /].* 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 239-240. ISBN 978-80-89597-99-4.

PÁTEREK, Filip - VARINY, Miroslav. Príčiny a možnosti prevencie zanášania odparky čierneho lúhu pri regenerácii chemikálií v papierni. In *Študentská vedecká konferencia PriF UK 2018 [elektronický zdroj] : zborník recenzovaných príspevkov.* 1. vyd. Bratislava : Prírodovedecká fakulta Univerzity Komenského v Bratislave, 2018, online, s. 1005-1010. ISBN 978-80-223-4517-0.

ŠVISTUN, Ladislav - VARINY, Miroslav. Modelovanie energetického hospodárstva a separačnej časti výroby alkylátu. In *20. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou Chémia a technológie pre život, 7.11.2018, Bratislava [elektronický zdroj /].* 1. vyd. Bratislava : FCHPT STU v Bratislave, 2018, S. 231-232. ISBN 978-80-89597-99-4.

SCHLOSSER, Štefan. Specific phenomena in extraction by hydrophobic ionic liquids and formulation of graphene oxide suspensions in ILs. In *Nano 2018, XIV International Conference on Nanostructured Materials, 24-29 June, 2018, Hong Kong.* 1. vyd. Honh Kong : City University of Hong Kong, 2018, S. 1.

ČERVENĀNSKÝ, Ivan - FEHÉR, J. - VÁCLAVÍK, L. - MARKOŠ, Jozef. Possibility of phenylacetic acid separation by electro dialysis after bioproduction. In *Workshop of Students' Presentations 2018, Membranes and Membrane Processes, 24.10.2018, Česká Lípa.* 1. vyd : Czech Membrane Platform, 2018, S. 38. ISBN 978-80-906831-3-6.

DANKO, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj - LABOVSKÁ, Zuzana [Švandová, Z.] - JELEMENSKÝ, Ľudovít. On the combination of LOPA and mathematical modelling for complex hazard identification. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers.* 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB kľúč, [1] s. ISBN 978-80-86238-83-8.

HAYDARY, Juma - HUSÁR, Jakub - ŠUHAIJ, Patrik. Catalytic tar cracking in biomass and waste gasification. In *VENICE2018, 7th international symposium on energy from biomass and waste gasification, 15.-18.10.2018 [elektronický dokument].* 1. vyd : IWWG - International Waste Working Group, 2018, S. [3]. ISBN 9788862650137.

JANOŠOVSKÝ, Ján - DANKO, Matej - LABOVSKÝ, Juraj - JELEMENSKÝ, Ľudovít. Challenges in hazard identification automation. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers.* 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB kľúč, [1] s. ISBN 978-80-86238-83-8.

JANOŠOVSKÝ, Ján - VARINY, Miroslav - BLAHUŠIAK, Marek - MIERKA, Otto. Consequences of energy management measures in production process on res-based cogeneration unit. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers.* 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB kľúč, [1] s. ISBN 978-80-86238-83-8.

JANOŠOVSKÝ, Ján - BARTOŠ, Matej - LABOVSKÝ, Juraj. Improvements in temperature control system of residual hydrocracker unit. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers*. 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB klíč, [1] s. ISBN 978-80-86238-83-8.

MANDAL, Sandip - HAYDARY, Juma - BHATTACHARYA, T.K. - TANNA, H.R. - HUSÁR, Jakub - HÁZ, Aleš. Valorisation of pine needles by thermal conversion to solid, liquid and gaseous fuels in a screw reactor. In *Fourth International Conference on Reuse and Recycling of Materials (ICRM 2018), 9-11 March 2018, Kottayam, Kerala, India*. 1. vyd. Kottayam, Kerala : IIUCNN, 2018, S. [1]. ISBN 978-93-5300-475-0.

MARTÁK, Ján - SCHLOSSER, Štefan. Butyric acid extraction by phosphonium ionic liquid with decanoate anion. In *2nd Advances in Green Chemistry Conference, 16.-19.4.2018, Poznan, Poľsko : Book of Abstracts*. 1. vyd. Poznan : Poznan Science and Technology Park, 2018, S. 50. ISBN 978-80-950380-0-6.

MARTÁK, Ján - BLAHUŠIAK, Marek - SCHLOSSER, Štefan. Influence of Anion and Cation of ILs on their Performance in Extraction of Butyric Acid. In *27th Conference on Molten Salts and Ionic Liquids – EuCheMSIL 2018, 7.-12.10.2018, Lisboa, Portugal : Book of Abstracts*. 1. vyd. Lisboa : University de Lisboa, Portugal, 2018, S. 155. ISBN 978-972-96653-7-0.

MIERKA, Otto - VARINY, Miroslav - JANOŠOVSKÝ, Ján. Assessment of certain industrial biomass-fired steam boiler thermal efficiency and operation reliability related aspects. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers*. 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB klíč, [1] s. ISBN 978-80-86238-83-8.

MIHAL, Mário - ČERVEŇANSKÝ, Ivan - MARKOŠ, Jozef. Production of 2-pheynylethanol and phenylacetic acid in silicone rubber membrane hybrid system. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers*. 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB klíč, [1] s. ISBN 978-80-86238-83-8.

VARINY, Miroslav - HRUŠKA, Michal - MIERKA, Otto. Comparative model study on black liquor igcc versus modern recovery boiler incorporation into the utility system of a paper mill. In *6th International Conference on Chemical technology, ICCT 2018, 16.4.-18.4.2018 Mikulov, Czech Republic [elektronický zdroj] : Book of abstracts, full papers*. 1. vyd. Prague : Czech Society of Industrial Chemistry, 2018, USB klíč, [1] s. ISBN 978-80-86238-83-8.

ADAMÍKOVÁ, Jana - MOLNÁR, Tomáš - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Purification options of recombinant human erythropoietin as therapeutic hormone. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 42-43. ISBN 978-80-89597-89-5.

ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Study of enzymatic glycosylation of an aromatic alcohol. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 61. ISBN 978-80-89597-89-5.

BARTOŠ, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj. Temperature profile visualisation in an industrial reactor. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 142. ISBN 978-80-89597-89-5.

DANKO, Matej - JANOŠOVSKÝ, Ján - LABOVSKÝ, Juraj - LABOVSKÁ, Zuzana [Švandová, Z.] - JELEMENSKÝ, Ľudovít. Complex simulation tool methodology to support HAZOP. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare,*

Slovakia 21.-25.5.2018 [elektronický zdroj]. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 143. ISBN 978-80-89597-89-5.

DOBČSÁNYI, Dominik - BLAHUŠIAK, Marek - SCHLOSSER, Štefan. Emulsification of solvents containing ionic liquid in mixers with various impellers. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, S. 108. ISBN 978-80-89597-89-5.

FEHÉR, Jakub - ČERVENANSKÝ, Ivan - MARKOŠ, Jozef. Study of possible separation of phenylacetic acid from fermentation broth by electrodialysis. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 112-113. ISBN 978-80-89597-89-5.

GRACZOVÁ, Elena - ŠULGAN, Branislav. Extractive distillation of tert-butyl alcohol - water system in the presence of ionic liquids and commercial solvent. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 143. ISBN 978-80-89597-89-5.

HAYDARY, Juma. Pyrolysis and gasification of organic solid waste. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 144. ISBN 978-80-89597-89-5.

HENDERSON, Rebecca - MARTÁK, Ján - BLAHUŠIAK, Marek - SCHLOSSER, Štefan. Physical and extraction properties of nanoparticle suspensions in ionic liquids. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, S. 133. ISBN 978-80-89597-89-5. Projekt: APVV-15-0494 122.

HOLLÁ, Veronika - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Effect of reaction conditions on enzymatic synthesis of tyrosol β -D-fructofuranoside. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 76. ISBN 978-80-89597-89-5.

HRUŠKA, Michal - VARINY, Miroslav. Modelling several ways of black liquor processing to increase in-house electricity production of a paper mill. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 198. ISBN 978-80-89597-89-5.

HRUŠKA, Michal - VARINY, Miroslav. Comparison of cogeneration potential of two Tomlinson recovery boiler development stages. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 199. ISBN 978-80-89597-89-5.

HUSÁR, Jakub - ŠUHAIJ, Patrik - HAYDARY, Juma. Comparison of char catalysts for tar decomposition. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 19. ISBN 978-80-89597-89-5.

JANOŠOVSKÝ, Ján - DANKO, Matej - LABOVSKÝ, Juraj - JELEMENSKÝ, Ľudovít. Strengths, weakness, opportunities and threats in computer-aided hazard identification. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 141. ISBN 978-80-89597-89-5.

KURÁK, Tomáš - KOVÁČOVÁ, Zuzana - POLAKOVIČ, Milan. Effect of multivalent and polyvalent salts on DNA and BSA binding on salt tolerant membrane. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 8. ISBN 978-80-89597-89-5.

KURILLOVÁ, Elena - GAZDOVÁ, Katarína - VARINY, Miroslav. The modification possibilities of the reactive absorption of nitrogen oxides from fertilizer production process off-gas. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 135. ISBN 978-80-89597-89-5.

LIBA, Tomáš - GRAMBLIČKA, Michal - POLAKOVIČ, Milan. Decomposition of β -cyclodextrin by commercial α -amylases. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 48. ISBN 978-80-89597-89-5.

MIHAL', Mário - ČERVENĀNSKÝ, Ivan - VARGAI, Peter - MARKOŠ, Jozef. Biotransformation of L-phenylalanine to phenylacetaldehyde using double reactor membrane hybrid system. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 45. ISBN 978-80-89597-89-5.

MOLNÁR, Tomáš - ADAMÍKOVÁ, Jana - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Purification of recombinant erythropoietin by multimodal chromatography. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 42-43. ISBN 978-80-89597-89-5.

PÁTEREK, Filip - VARINY, Miroslav. Analýza dôsledkov a prevencie zanášania odparky čierneho lúhu pri regenerácii chemikálií v procese výroby papiera a celulózy. In *Zborník prác Aplikované prírodné vedy 2018 [elektronický zdroj] : Celoslovenská študentská vedecká konferencia študentov 1., 2. a 3. stupňa vysokoškolského štúdia, Trnava, 11.4.2018*. 1. vyd. Trnava : Univerzita sv. Cyrila a Metoda v Trnave, 2018, CD-ROM, s. 57-61. ISBN 978-80-8105-925-4.

POLAKOVIČ, Milan - ADAMÍKOVÁ, Jana - ANTOŠOVÁ, Monika. Process performance and economic aspects of carrier selection for immobilization of a cheap enzyme. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 40. ISBN 978-80-89597-89-5.

ŠTEFANKO, Dominik - JELEMENSKÝ, Ľudovít. High temperature non-catalyzed supercritical water gasification: Experimental and mathematical modeling. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 145. ISBN 978-80-89597-89-5.

ŠUHAI, Patrik - HUSÁR, Jakub - HAYDARY, Juma. Catalytic gasification of refuse derived fuel in laboratory scale reactor. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, s. 20. ISBN 978-80-89597-89-5.

VARGAI, Peter - ČERVENĀNSKÝ, Ivan - MIHAL', Mário - MARKOŠ, Jozef. Comparison of hybrid systems for 2-phenylethanol production. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klúč, S. 60. ISBN 978-80-89597-89-5.

VARINY, Miroslav - HANUS, Kristián - ILLÉS, Peter. Efficient low pressure steam utilization produced from waste heat source in a refinery. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 146. ISBN 978-80-89597-89-5.

MARKOVÁ, Eva - ADAMÍKOVÁ, Jana - MOLNÁR, Tomáš - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. pH and salt concentration influence on the adsorption of proteins on Eshmuno HCX. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 71-75. ISBN 978-80-89597-89-5.

OSTRIHOŇOVÁ, Marta - ADAMÍKOVÁ, Jana - MOLNÁR, Tomáš - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Recombinant human erythropoietin separation by mixed-mode chromatography. In *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018 [elektronický zdroj]*. 1. vyd. Bratislava : Slovak Society of Chemical Engineering, 2018, USB klíč, s. 62-70. ISBN 978-80-89597-89-5.

ADAMÍKOVÁ, Jana - OČKOVÁ, M. - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Protein adsorption behavior in multimodal cation exchange resin. In *ISPPP 2018, 38th International Symposium on the Separation of Proteins, Peptides and Polynucleotides, Berlin, 4.-7.11.2018*. 1. vyd. Rakúsko : acib GmbH (Austrian Centre of Industrial Biotechnology), 2018, S. 69. Projekt: APVV-14-0474 122.

BÁLEŠ, Vladimír - TIMÁR, Pavel - FURDÍKOVÁ, Katarína - KREPS, František. Modelling of esters production during winemaking fermentation. In *CHISA 2018, 23rd International Congress of Chemical and Process Engineering, 25.-29.8.2018, Praha*. 1. vyd. Praha : Česká společnost chemického inženýrství, 2018, S. 1.

ČERVEŇANSKÝ, Ivan - MIHAL, Mário - MARKOŠ, Jozef. Design of bioreactor - in situ product separation hybrid system for natural compounds production. In *25th International Conference on Chemical Reaction Engineering ISCRE 25, May 20-23, 2018, Florence, Italy*. 1. vyd. Milan : The Italian Association of Chemical Engineering, 2018, [2] s.

ČERVEŇANSKÝ, Ivan - MIHAL, Mário - MARKOŠ, Jozef. Effective bioproduction of natural aromas with coupled bioreactor-pertraction-adsorption hybrid system. In *25th International Conference on Chemical Reaction Engineering ISCRE 25, May 20-23, 2018, Florence, Italy*. 1. vyd. Milan : The Italian Association of Chemical Engineering, 2018, [2] s.

GRAMBLIČKA, Michal - KURÁK, Tomáš - POLAKOVIČ, Milan. Internal structure of chromatographic membranes analyzed by microscopic techniques. In *ISPPP 2018, 38th International Symposium on the Separation of Proteins, Peptides and Polynucleotides, Berlin, 4.-7.11.2018*. 1. vyd. Rakúsko : acib GmbH (Austrian Centre of Industrial Biotechnology), 2018, S. 73.

HENDERSON, Rebecca - MARTÁK, Ján - BLAHUŠIAK, Marek - SCHLOSSER, Štefan. Suspensions of graphene oxide nanoparticles in ionic liquids. In *8th International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale, 13.-17.8.2018, Hangzhou, China*. 1. vyd. Hangzhou : Zhejiang University, China, 2018, S. 100.

HUSÁR, Jakub - ŠUHAIJ, Patrik - HAYDARY, Juma - GAZDOVÁ, Katarína. The influence of gasifier conditions on catalytic decomposition of tar in dual pyrolysis-gasification reactor. In *2nd International Conference on Bioresource Technology for Bioenergy, Bioproducts & Environmental Sustainability (BIORESTEC), 16.-19.9.2018, Meliá Sitges, Spain [elektronický zdroj]*. 1. vyd : Elsevier, 2018, S. [1].

KURÁK, Tomáš - POLAKOVIČ, Milan. Influence of chromatographic conditions for the adsorption of bovine serum albumin and salmon DNA on salt tolerant membrane adsorbent. In *ESBES 2018, 12th European Symposium on Biochemical engineering sciences, 9-12 September 2018, Lisbon [elektronický zdroj] : Book of Abstracts*. 1. vyd. Frankfurt am Main : Dachema, 2018, online, s. 141.

MOLNÁR, Tomáš - ADAMÍKOVÁ, Jana - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Separation of recombinant human erythropoietin from a cultivation broth concentrate using a multimodal

chromatographic resin. In *ESBES 2018, 12th European Symposium on Biochemical engineering sciences, 9-12 September 2018, Lisbon [elektronický zdroj]* : Book of Abstracts. 1. vyd. Frankfurt am Main : DacheMa, 2018, online, s. 181.

MOLNÁR, Tomáš - ADAMÍKOVÁ, Jana - ANTOŠOVÁ, Monika - POLAKOVIČ, Milan. Effect of process conditions on recombinant human erythropoietin separation by multimodal chromatography. In *ISPPP 2018, 38th International Symposium on the Separation of Proteins, Peptides and Polynucleotides, Berlin, 4.-7.11.2018*. 1. vyd. Rakúsko : acib GmbH (Austrian Centre of Industrial Biotechnology), 2018, S. 70. Projekt: APVV-14-0474 122.

POLAKOVIČ, Milan - HOLLÁ, Veronika - ANTOŠOVÁ, Monika. Development for a biocatalytic process of tyrosol β -D-fructofuranoside production. In *ESBES 2018, 12th European Symposium on Biochemical engineering sciences, 9-12 September 2018, Lisbon [elektronický zdroj]* : Book of Abstracts. 1. vyd. Frankfurt am Main : DacheMa, 2018, online, s. 18.

POLAKOVIČ, Milan - ŠIMKO, Ivan - ILLEOVÁ, Viera - GRAMBLIČKA, Michal. Development of a chromatographic process for the recovery of 2-phenylethanol from a post-biotransformation mixture. In *Bioflavour 2018, Biotechnology of Flavours, Fragrance and Functional Ingredients, 18.-21. September 2018, Frankfurt am Main, Germany* : Book of Abstracts. 1. vyd. Frankfurt am Main : DECHEMA e.V, 2018, S. 147.

ŠUHAJ, Patrik - HAYDARY, Juma - HUSÁR, Jakub - STELTENPOHL, Pavol - ŠUPA, Ivan. Refuse-derived fuel gasification in a pyrolysis/gasification unit with catalyst based on clay minerals. In *2nd International Conference on Bioresource Technology for Bioenergy, Bioproducts & Environmental Sustainability (BIORESTEC), 16.-19.9.2018, Meliá Sitges, Spain [elektronický zdroj]*. 1. vyd : Elsevier, 2018, S. [1].

VALÍK, Ľubomír - AČAI, Pavel. The update concepts in food microbiology education: An introduction of knowledge and skills for predictive microbiology and microbiological risk assessment in foods, Slovakia. In *26th International ICFMH Conference - FoodMicro 2018, September 3rd – 6th 2018, Berlin, Germany* : Book of Abstracts. 1. vyd. Berlin : Freie Universität Berlin, 2018, S. 27.

Other Publications

BÁLEŠ, Vladimír - FURDÍKOVÁ, Katarína - TIMÁR, Pavel. Modelling of the production of fermentative aromas during winemaking fermentation. In *Agriculture & Food*. Vol. 6, (2018), s. 1-6. ISSN 1314-8591. Projekt: APVV-15-0333 122.

FEHÉR, J. - ČERVEŇANSKÝ, Ivan - MARKOŠ, Jozef. Studium možnej separácie kyseliny fenylactovej z fermentačného média pomocou konvenčnej elektrodialýzy. In *Chemagazín*. Roč. 28, č. 5 (2018), s. 18-20. ISSN 1210-7409.

TIMÁR, Pavel - FURDÍKOVÁ, Katarína - BÁLEŠ, Vladimír. Concentration profiles of aroma compounds during winemaking. In *Agriculture & Food*. Vol. 6, (2018), s. 7-14. ISSN 1314-8591. Projekt: APVV-15-0333 122.

BÁLEŠ, Vladimír - TIMÁR, Peter - FURDÍKOVÁ, Katarína. Simulácie porúch chladenia vinifikátora počas fermentácie hroznového muštu. In *Vinič a víno*. Roč. 18, č. 1 (2018), s. 14-15. ISSN 1335-7514.

DOMIN, Ján - FURDÍKOVÁ, Katarína - BÁLEŠ, Vladimír - TIMÁR, Pavel. Síra vo vinárstve. In *Vinič a víno*. Roč. 18, č. 2 (2018), s. 54-55. ISSN 1335-7514.

BLAHUŠIAK, Marek (ed.) - MIHAL, Mário (ed.). *Proceedings of the 45th International Conference of the Slovak Society of Chemical Engineering, Tatranské Matliare, Slovakia 21.-25.5.2018* [elektronický zdroj]. 1. vyd. Bratislava Slovak Society of Chemical Engineering 2018. USB kľúč, 273 s. ISBN 978-80-89597-89-5.