

## Articles in magazines

CABADAJ, P. -- ILLEOVÁ, V. -- ČERVEŇANSKÝ, I. -- RUPČÍKOVÁ, V. -- KRAJČOVIČ, T. -- BUČKO, M. -- POLAKOVIČ, M. Investigation of process stability of a whole-cell biocatalyst with Baeyer-Villiger monooxygenase activity in continuous bioreactors. *Environmental Technology and Innovation*, 30. p. 1--10. articles in magazines ADC

KARKESZOVÁ, K. -- ANTOŠOVÁ, M. -- KARNIŠOVÁ POTOCKÁ, E. -- MASTIHUBA, V. -- POLAKOVIČ, M. Medium engineering of phenylethanoid transfructosylation catalysed by yeast beta-fructofuranosidase. *Bioprocess and Biosystems Engineering*, 46. p. 237--249. articles in magazines ADC

NAYAB, A K. -- VALÍK, L. -- AČAI, P. Sorption isotherm modelling of chilgoza pine nuts (*Pinus gerardiana*). *LWT Food Science and Technology*, 174. p. 1--6. articles in magazines ADC

OSTRIHOŇOVÁ, M. -- CABADAJ, P. -- POLAKOVIČ, M. Design of frontal chromatography separation of 1-phenylethanol and acetophenone using a hydrophobic resin. *Separation and Purification Technology*, 314. p. 1--10. articles in magazines ADC

OSTRIHOŇOVÁ, M. -- GRAMBLIČKA, M. -- POLAKOVIČ, M. Industrial hydrophobic adsorbent screening for the separation of 1-phenylethanol and acetophenone. *Food and Bioproducts Processing*, 137. p. 124--134. articles in magazines ADM

TATARUCH, M. -- ILLEOVÁ, V. -- MILACZEWSKA, A. -- BOROWSKI, T. -- MIHAĽ, M. -- POLAKOVIČ, M. Inactivation and aggregation of R-specific 1-(4-hydroxyphenyl)-ethanol dehydrogenase from *Aromatoleum aromaticum*. *International Journal of Biological Macromolecules*, 234. p. 1--12. articles in magazines ADC

## Contributions in anthologies, chapters in monographs/textbooks, abstracts

FURDA, P. -- VARINY, M. Pushing the boundaries of simulation-based optimization with parallel genetic algorithm interface. In Book of abstracts of the 10th International Conference on Chemical Technology. Praha, Česko: AMCA spol. s r.o., 2023, p. 162. ISBN 978-80-88214-40-3. contributions in anthologies, chapters in monographs/textbooks, abstracts BFA

KŠIŇANOVÁ, M. -- VARINY, M. Operation analysis of a trigeneration unit. In Book of abstracts of the 10th International Conference on Chemical Technology. Praha, Česko: AMCA spol. s r.o., 2023, p. 161. ISBN 978-80-88214-40-3. contributions in anthologies, chapters in monographs/textbooks, abstracts BFA

PODOLSKÝ, S. -- VARINY, M. Initial analysis of integration of heavy residues gasification plant into oil refinery as a possible way of industry decarbonisation. In Book of abstracts of the 10th International Conference on Chemical Technology. Praha, Česko: AMCA spol. s r.o., 2023, p. 64. ISBN 978-80-88214-40-3. contributions in anthologies, chapters in monographs/textbooks, abstracts BFA

ŘEŽUCHA, M. -- LAUERMANN, M. -- JENTSCH, R. -- DAHASH, A. -- VARINY, M. Enhanced drying - heat-pumps, moisture monitoring, drying kinetics. In Book of abstracts of the 10th International Conference on Chemical Technology. Praha, Česko: AMCA spol. s r.o., 2023, p. 86. ISBN 978-80-88214-40-3. contributions in anthologies, chapters in monographs/textbooks, abstracts BFA

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VARINY, M. -- JANOŠOVSKÝ, J. -- ČERVEŇANSKÝ, I. -- FURDA, P. -- ČERŇANSKÁ, B. -- HUCÍK, M. -- KÁLLAY, D. Optimizing steam power in industry - decarbonization opportunity. In Book of abstracts of the 10th International Conference on Chemical Technology. Praha, Česko: AMCA spol. s r.o., 2023, p. 59. ISBN 978-80-88214-40-3. contributions in anthologies, chapters in monographs/textbooks, abstracts        BFA

VARINY, M. -- JANOŠOVSKÝ, J. -- HUCÍK, M. -- DIMIC, D. Zámena parných turbín za elektromotory. In PETRÁŠ, D. -- ŠVECOVÁ, Z. Vykurowanie 2023. Bratislava: Slovenská spoločnosť pre techniku prostredia, 2023, p. 145--150. ISBN 978-80-8284-006-6. contributions in anthologies, chapters in monographs/textbooks, abstracts        AFD