

Publikácie / Publications

Institute: SAVMOBIO - Ústav molekulárnej biológie SAV
Year of publication 2016~2021

Statistics publication category

ABC	Chapters in scientific monographs published abroad	14
ACB	Academic/university textbooks published in Slovak publishing houses	2
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	153
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	14
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	2
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	8
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	45
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	3
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	2
AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	1
AEMA	Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus	3
AFB	Published invited papers from domestic scientific conferences	2
AFD	Published papers from domestic scientific conferences	17
AFE	Abstracts of invited papers from foreign conferences	2
AFG	Abstracts of papers from foreign conferences	9
AFH	Abstracts of papers from domestic conferences	23
AFK	Foreign conferences posters	11
AFL	Domestic conferences posters	13
BDF	Professional papers in other domestic journals (not registered in CCC)	1
BDMA	Professional papers in foreign impacted journals registered in Web of Sciences Core Collection or Scopus	1
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	2
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	30
Count		358

ABC Chapters in scientific monographs published abroad

- ABC01 BAUER, Jacob** - BAUEROVÁ-HLINKOVÁ, Vladena. Normal mode analysis: a tool for better understanding protein flexibility and dynamics with application to homology models. In *Homology molecular modeling : perspectives and applications*. - London : IntechOpen, 2021, p. 13-30. ISBN 978-1-83962-805-4.
- ABC02 BUČEKOVÁ, Marcela - VALACHOVÁ, Ivana - MAJTÁN, Juraj. Enzým glukózo oxidáza - kľúčový faktor podmieňujúci antibakteriálne vlastnosti včelieho medu a jeho úloha v ochrane včelstva. In *Ekologie chovu včel*. - Nakladatelství Pavel Mervart, 2016, s. 97-115. ISBN 978-80-7465-215-8.
- ABC03 FURTMULLER, P.G. - ZÁMOCKÝ, Marcel - HOFBAUER, S. - OBINGER, C. Evolution, structure and biochemistry of human peroxidases. In *Mammalian heme peroxidases : diverse roles in health and disease*. - London : CRC Press, 2021, p. 3-20. ISBN 978-1-0032-1228-7.
- ABC04 JANEČEK, Štefan. Alpha-amylases from Archaea: sequences, structures and evolution. In *Biotechnology of Extremophiles : advances and challenges*. - Springer Inter. Publ., 2016, p. 505-524. ISBN 978-3-319-13521-2.
- ABC05 KORMANEC, Ján** - REŽUCHOVÁ, Bronislava - NOVÁKOVÁ, Renáta. Screening systems for stable markerless genomic deletions/integrations in *Streptomyces* species. In *Antimicrobial therapies : methods and protocols*. - New York : Springer-Verlag, Humana Press, 2021, p. 91-141. ISBN 978-1-0716-1358-0. Dostupné na: https://doi.org/10.1007/978-1-0716-1358-0_6
- ABC06 KORMANEC, Ján - ŠEVČÍKOVÁ, Beatrice - NOVÁKOVÁ, Renáta - HOMEROVÁ, Dagmar - REŽUCHOVÁ, Bronislava - MINGYAR, Erik. The complex regulatory network in the regulation of stress-response sigma factors in *Streptomyces coelicolor* A3(2). In *Stress and environmental regulation of gene expression and adaptation in bacteria*. - John Wiley & Sons, Inc., 2016, p. 328-343. ISBN 978-1-119-00488-2.
- ABC07 LEKSA, Vladimír** - SCHILLER, H.B. - STOCKINGER, H. Biotin-chasing assay to evaluate uPAR stability and cleavage on the surface of cells. In *Proteases and Cancer : methods and protocols*. - New York : Humana Press, 2018, p. 39-47. ISBN 978-1-4939-7595-2. Dostupné na: https://doi.org/10.1007/978-1-4939-7595-2_4
- ABC08 OTLEWSKA, A. - KRAKOVÁ, Lucia - PANGALLO, Domenico. Potential of culture-independent and molecular methods in the biodeterioration study of historical paper-based materials. In *A modern approach to biodeterioration assessment and the disinfection of historical book collections*. - Lodz : Lodz Univ. Technology, 2016, p. 43-55. ISBN 978-83-63929-01-5.
- ABC09 PIETRZAK, K. - OTLEWSKA, A. - DYBKA, K. - DANIELEWICZ, D. - PANGALLO, Domenico - DEMNEROVA, K. - ĐUROVIĆ, Momir - KRAKOVÁ,

Lucia - SCHOLTZ, V. - BUČKOVÁ, Mária. A modern approach to biodeterioration assessment and disinfection of historical book. In *A modern approach to biodeterioration assessment and the disinfection of historical book collections*. - Lodz : Lodz Univ. Technology, 2016, p. 81-125. ISBN 978-83-63929-01-5.

ABC10 PIETRZAK, K. - KOZIROG, A. - BUČKOVÁ, Mária - PUŠKÁROVÁ, Andrea - SCHOLTZ, V. Disinfection methods for paper. In *A modern approach to biodeterioration assessment and the disinfection of historical book collections*. - Lodz : Lodz Univ. Technology, 2016, p. 56-80. ISBN 978-83-63929-01-5.

ABC11 PUŠKÁROVÁ, Andrea - BUČKOVÁ, Mária - PANGALLO, Domenico. Biodeterioration of photographic and cinematographic materials: methods of investigation. In *Biodeterioration and preservation in art, archaeology and architecture*. - London : Archetype, 2018, p. 57-70. ISBN 978-1-9094-9264-6.

ABC12 REBETS, Y. - KORMANEC, Ján - LUZHETSKYY, A. - BERNAERTS, K. - ANNÉ, J. Cloning and expression of metagenomic DNA in *Streptomyces lividans* and subsequent fermentation for optimized production. In *Metagenomics : methods and Protocols*. - New York : Springer, 2017, p. 99-144. (2016: 0.585 - SJR, Q3 - SJR). (2017 - SCOPUS). ISBN 978-1-4939-6689-9. Dostupné na: https://doi.org/10.1007/978-1-4939-6691-2_8

ABC13 ROBERTS, M. - ROWLEY, G. - KORMANEC, Ján - ZALM, M.E. The role of alternative sigma factors in pathogen virulence. In *Foodborne pathogens : virulence factors and host susceptibility*. - Springer Inter. Publ., 2017, p. 229-303. ISBN 978-3-319-56834-8.

ABC14 SOJKA, Martin - HORNIAČKOVÁ, Miroslava - BUČEKOVÁ, Marcela - MAJTÁN, Viktor - MAJTÁN, Juraj**. Antibiofilm efficacy of honeybee products against wound biofilm. In *Biofilm, pilonidal cysts and sinuses*. - Springer, Cham, 2020, p. 89-108. ISBN 978-3-030-03076-6.

ACB Academic/university textbooks published in Slovak publishing houses

ACB01 BAUEROVÁ-HLINKOVÁ, Vladena - KABÁT, Peter - BAUER, Jacob. *Proteíny: štruktúra a funkcia*. 1. diel. štruktúra proteínov. 1. vyd. Bratislava : Vydavateľstvo Univerzity Komenského v Bratislave, 2020. 109 s. ISBN 978-80-223-4524-8

ACB02 KABÁT, Peter - BAUEROVÁ, Vladena - BAUER, Jacob. *Proteíny štruktúra a funkcia : 2. diel Funkcia proteínov*. H. Drahovská, M. Kúdelová. 1. vyd. Bratislava : Univerzita Komenského, 2021. 105 s. ISBN 978-80-223-5094-5

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

ADCA01 ABBOTT, W. - ALBER, O. - BAYER, E. - BERRIN, J.G. - BORASTON, A. - JANEČEK, Štefan. Ten years of CAZypedia: a living encyclopedia of carbohydrate-active enzymes. In *Glycobiology*, 2018, vol. 28, p. 3-8. (2017: 3.664 - IF, Q2 - JCR, 1.493 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0959-6658. Dostupné na: <https://doi.org/10.1093/glycob/cwx089>

- ADCA02 ARA, K.Z.G.** - MÄNBERGER, A. - GABRIŠKO, Marek - LINARES-PASTÉN, J.A. - JASILIONIS, A. - FRIDJÓNSSON, O.H. - HREGGVIÐSSON, G.O. - JANEČEK, Štefan - KARLSSON, E.N.**. Characterization and diversity of the complete set of GH family 3 enzymes from *Rhodothermus marinus* DSM 4253. In *Scientific Reports*, 2020, vol. 10, no. 1329. (2019: 3.998 - IF, Q1 - JCR, 1.341 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-020-58015-5>
- ADCA03 BALIOVÁ, Martina** - JURSKÝ, František**. Phosphomimetic mutation of glycine transporter glyT1 C-terminal PDZ binding motif inhibits its interactions with PSD95. In *Journal of Molecular Neuroscience*, 2020, vol. 70, p. 488–493. (2019: 2.678 - IF, Q3 - JCR, 0.861 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0895-8696. Dostupné na: <https://doi.org/10.1007/s12031-019-01435-4>
- ADCA04 BALIOVÁ, Martina - JURSKÝ, František**. Phosphorylation of Serine 157 protects the rat glycine transporter GlyT2 from calpain cleavage. In *Journal of Molecular Neuroscience*, 2020, vol. 70, p. 1216–1224. (2019: 2.678 - IF, Q3 - JCR, 0.861 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0895-8696. Dostupné na: <https://doi.org/10.1007/s12031-020-01529-4>
- ADCA05 BALIOVÁ, Martina - JURSKÝ, František**. Similarity of coomassie dye spectral absorbance dynamic of sequentially distant polymeric N-terminal segments of glycine and GABA transporters. In *ChemistrySelect*, 2019, vol. 4, p. 6304-6308. (2018: 1.716 - IF, Q3 - JCR, 0.445 - SJR, Q2 - SJR, Current Contents - CCC). (2019 - Current Contents, SCOPUS, WOS). ISSN 2365-6549. Dostupné na: <https://doi.org/10.1002/slct.201901000>
- ADCA06 BALIOVÁ, Martina - JURSKÝ, František**. Specific glycine to alanine mutation eliminates dynamic interaction of polymeric GlyT1a N-terminus with Coomassie Brilliant Blue G-250. In *Electrophoresis*, 2018, vol. 39, p. 1357-1360. (2017: 2.569 - IF, Q2 - JCR, 0.745 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0173-0835. Dostupné na: <https://doi.org/10.1002/elps.201700412>
- ADCA07 BAUER, Jacob** - BORKO, Ľubomír - PAVLOVIĆ, Jelena - KUTEJOVÁ, Eva - BAUEROVÁ-HLINKOVÁ, Vladena. Disease-associated mutations alter the dynamic motion of the N-terminal domain of the human cardiac ryanodine receptor. In *Journal of Biomolecular Structure and Dynamics*, 2020, vol. 38, p. 1054-1070. (2019: 3.310 - IF, Q2 - JCR, 0.504 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0739-1102. Dostupné na: <https://doi.org/10.1080/07391102.2019.1600027>
- ADCA08 BAUER, Jacob** - ŽOLDÁK, Gabriel**. Interpretation of single-molecule force experiments on proteins using normal mode analysis. In *Nanomaterials-Basel*, 2021, vol. 11, no. 11, no. 2795. (2020: 5.076 - IF, Q1 - JCR, 0.919 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 2079-4991. Dostupné na: <https://doi.org/10.3390/nano11112795>

- ADCA09 BAUER, Jacob** - PAVLOVIĆ, Jelena - BAUEROVÁ-HLINKOVÁ, Vladena. Normal mode analysis as a routine part of a structural investigation. In *Molecules*, 2019, vol. 24, no. 15, p. 3293. (2018: 3.060 - IF, Q2 - JCR, 0.757 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1420-3049. Dostupné na: <https://doi.org/10.3390/molecules24183293>
- ADCA10 BAUEROVÁ-HLINKOVÁ, Vladena** - HAJDÚCHOVÁ, Dominika - BAUER, Jacob. Structure and function of the human ryanodine receptors and their association with myopathies—present state, challenges, and perspectives. In *Molecules*, 2020, vol. 25, no. 4040. (2019: 3.267 - IF, Q2 - JCR, 0.698 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 1420-3049. Dostupné na: <https://doi.org/10.3390/molecules25184040>
- ADCA11 BEKE, Gábor - STANO, Matej - KEUČÁR, Ľuboš. Modelling the interaction between bacteriophages and their bacterial hosts. In *Mathematical Biosciences*, 2016, vol. 279, p. 27–32. (2015: 1.256 - IF, Q3 - JCR, 0.712 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0025-5564. Dostupné na: <https://doi.org/10.1016/j.mbs.2016.06.009>
- ADCA12 BEKEOVÁ, Carmen - REHÁKOVÁ, Alena - FECKOVÁ, Ľubomíra - VLČKOVÁ, Silvia - NOVÁKOVÁ, Renáta - MINGYAR, Erik - KORMANEC, Ján. Characterisation of the genes involved in the biosynthesis and attachment of the aminodeoxysuga. In *Applied Microbiology and Biotechnology*, 2016, vol. 100, p. 3177-3195. (2015: 3.376 - IF, Q2 - JCR, 1.256 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0175-7598. Dostupné na: <https://doi.org/10.1007/s00253-015-7214-9>
- ADCA13 BERTELLI, M. - KAINI, A.K. - PAOLACCI, S.** - MANARA, E. - KURTI, D. - DHULI, K. - BUSHATI, V. - MIERTUS, J. - PANGALLO, Domenico - BAGLIVO, M. - BECCARI, T. - MICHELINI, S. Hydroxytyrosol: A natural compound with promising pharmacological activities. In *Journal of Biotechnology*, 2020, vol. 309, p. 29-33. (2019: 3.503 - IF, Q2 - JCR, 0.992 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0168-1656. Dostupné na: <https://doi.org/10.1016/j.jbiotec.2019.12.016>
- ADCA14 BODIK, Michal** - KRAJČÍKOVÁ, Daniela - HAGARA, Jakub - MAJKOVÁ, Eva - BARÁK, Imrich** - ŠIFFALOVÍČ, Peter. Diffraction pattern of *Bacillus subtilis* CotY spore coat protein 2D crystals. In *Colloids and Surfaces B - Biointerfaces*, 2021, vol. 197, 111425. (2020: 5.268 - IF, Q1 - JCR, 0.939 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0927-7765. Dostupné na: <https://doi.org/10.1016/j.colsurfb.2020.111425>
- ADCA15 BÖHMER, Miloslav** - SMOLAK, D. - ŽENIŠOVÁ, K. - ČAPLOVÁ, Z. - PANGALLO, Domenico - PUŠKÁROVÁ, Andrea - BUČKOVÁ, Mária - CABICAROVÁ, T. - BUDIŠ, J. - ŠOLTÝS, K. - RUSŇÁKOVÁ, D. - KUCHTA, T. - SZEMEŠ, T. Comparison of microbial diversity during two different wine fermentation processes. In *FEMS Microbiology Letters*, 2020, vol. 367, no. fnaa150. (2019: 1.987 - IF, Q3 - JCR, 0.840 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0378-1097. Dostupné na: <https://doi.org/10.1093/femsle/fnaa150>

- ADCA16 BUČEKOVÁ, Marcela - JARDEKOVÁ, Lucia - JURICOVÁ, Valéria - BUGÁROVÁ, Veronika - DI MARCO, Gabriele - GISMONDI, Angelo - LEONARDI, Donatella - FARKAŠOVSKÁ, Jarmila - GODOČÍKOVÁ, Jana - LAHO, Maroš - KLAUDINY, Jaroslav - MAJTÁN, Viktor - CANINI, Antonella - MAJTÁN, Juraj**. Antibacterial activity of different blossom honeys: New findings. In *Molecules*, 2019, vol. 24, no. 8, no. 1573. (2018: 3.060 - IF, Q2 - JCR, 0.757 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1420-3049. Dostupné na: <https://doi.org/10.3390/molecules24081573>
- ADCA17 BUČEKOVÁ, Marcela - SOJKA, Martin - VALACHOVÁ, Ivana - MARTINOTTI, S. - RANZATO, E. - SZEP, Z. - MAJTÁN, V. - KLAUDINY, Jaroslav - MAJTÁN, Juraj. Bee-derived antibacterial peptide, defensin-1, promotes wound re-epithelialisation in vitro and in vivo. In *Scientific Reports*, 2017, vol. 7, no. 1, art. no. 7340. (2016: 4.259 - IF, Q1 - JCR, 1.692 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-017-07494-0>
- ADCA18 BUČEKOVÁ, Marcela* - BUGÁROVÁ, Veronika* - GODOČÍKOVÁ, Jana - MAJTÁN, Juraj**. Demanding new honey qualitative standard based on antibacterial activity. In *Foods*, 2020, vol. 9, no. 1263. (2019: 4.092 - IF, Q1 - JCR, 0.661 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2304-8158. Dostupné na: <https://doi.org/10.3390/foods9091263>
- ADCA19 BUČEKOVÁ, Marcela - JURICOVÁ, Valéria - DI MARCO, G. - GISMONDI, A. - LEONARDI, D. - CANINI, A. - MAJTÁN, Juraj**. Effect of thermal liquefying of crystallised honeys on their antibacterial activities. In *Food chemistry*, 2018, vol. 269, p. 335-341. (2017: 4.946 - IF, Q1 - JCR, 1.793 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0308-8146. Dostupné na: <https://doi.org/10.1016/j.foodchem.2018.07.012>
- ADCA20 BUČEKOVÁ, Marcela - JURICOVÁ, Valéria - MONTON, E. - MARTINOTTI, S. - RANZATO, E. - MAJTÁN, Juraj**. Microwave processing of honey negatively affects honey antibacterial activity by inactivation of bee-derived glucose oxidase and defensin-1. In *Food chemistry*, 2018, vol. 240, p. 1131-1136. (2017: 4.946 - IF, Q1 - JCR, 1.793 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0308-8146. Dostupné na: <https://doi.org/10.1016/j.foodchem.2017.08.054>
- ADCA21 BUČEKOVÁ, Marcela - BURIOVÁ, Monika - PEKÁRIK, Ladislav - MAJTÁN, Viktor - MAJTÁN, Juraj**. Phytochemicals-mediated production of hydrogen peroxide is crucial for high antibacterial activity of honeydew honey. In *Scientific Reports*, 2018, vol. 8, art. no. 9061. (2017: 4.122 - IF, Q1 - JCR, 1.533 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-018-27449-3>
- ADCA22 BUČEKOVÁ, Marcela - MAJTÁN, Juraj. The MRJP1 honey glycoprotein does not contribute to the overall antibacterial activity of natural honey. In *European*

Food Research and Technology, 2016, vol. 242, p. 625–629. (2015: 1.433 - IF, Q3 - JCR, 0.728 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 1438-2377. Dostupné na: <https://doi.org/10.1007/s00217-016-2665-5>

ADCA23 BUČKOVÁ, Mária - PUŠKÁROVÁ, Andrea - ŽENIŠOVÁ, K. - KRAKOVÁ, Lucia - PIKNOVA, L. - KUCHTA, T. - PANGALLO, Domenico**. Novel insights into microbial community dynamics during the fermentation of Central European ice wine. In *International journal of food microbiology*, 2018, vol. 266, p. 42-51. (2017: 3.451 - IF, Q1 - JCR, 1.366 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0168-1605. Dostupné na: <https://doi.org/10.1016/j.ijfoodmicro.2017.11.010>

ADCA24 BUKOVSKÁ, Gabriela** - UGORČÁKOVÁ, Jana - HALGAŠOVÁ, Nora - BOCÁNOVÁ, Lucia - TKÁČOVÁ, Adela. The BFK20 phage replication origin confers a phage-encoded resistance phenotype to the industrial strain *Brevibacterium flavum*. In *FEMS Microbiology Letters*, 2019, vol. 366, no. 8, no. fnz090. (2018: 1.994 - IF, Q3 - JCR, 0.770 - SJR, Q3 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 0378-1097. Dostupné na: <https://doi.org/10.1093/femsle/fnz090>

ADCA25 CSÖLLEIOVÁ, Dominika - KNIRSCHOVÁ, Renáta - REŽUCHOVÁ, Bronislava - HOMEROVÁ, Dagmar - ŠEVČÍKOVÁ, Beatrice - MATULOVÁ, Mária - NUÑEZ, L.E. - NOVÁKOVÁ, Renáta - FECKOVÁ, Ľubomíra - JAVOROVÁ, Rachel - CORTÉS, J. - KORMANEC, Ján**. An efficient system for stable markerless integration of large biosynthetic gene clusters into *Streptomyces* chromosomes. In *Applied Microbiology and Biotechnology*, 2021, vol. 105, p. 2123–2137. (2020: 4.813 - IF, Q1 - JCR, 1.074 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0175-7598. Dostupné na: <https://doi.org/10.1007/s00253-021-11161-w>

ADCA26 DANKO, Martin** - MOSNÁČKOVÁ, Katarína - VYKYDALOVÁ, Anna - KLEINOVÁ, Angela - PUŠKÁROVÁ, Andrea - PANGALLO, Domenico - BUJDOŠ, Marek - MOSNÁČEK, Jaroslav. Properties and degradation performances of biodegradable poly(lactic acid)/poly(3-hydroxybutyrate) blends and keratin composites. In *Polymers : Open Access Polymer Science Journal*, 2021, vol. 13, art. no. 2693, [18] p. (2020: 4.329 - IF, Q1 - JCR, 0.770 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 2073-4360. Dostupné na: <https://doi.org/10.3390/polym13162693>

ADCA27 FARKAS, Bence - BUJDOŠ, Marek - POLÁK, Filip - MATULOVÁ, Michaela - CESNEK, Martin - DUBORSKÁ, Eva - ZVĚŘINA, Ondřej - KIM, Hyunjung - DANKO, Martin - KISOVÁ, Zuzana - MATÚŠ, Peter - URÍK, Martin**. Bioleaching of manganese oxides at different oxidation states by filamentous fungus *Aspergillus niger*. In *Journal of Fungi*, 2021, vol. 7, art. no. 808, [15] p. (2020: 5.816 - IF, Q1 - JCR, 1.702 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 2309-608X. Dostupné na: <https://doi.org/10.3390/jof7100808>

ADCA28 FARKAS, Bence - VOJTKOVÁ, Hana - BUJDOŠ, Marek - KOLENČÍK, Marek - ŠEBESTA, Martin - MATULOVÁ, Michaela - DUBORSKÁ, Eva -

DANKO, Martin - KIM, Hyunjung - KUČOVÁ, Kateřina - KISOVÁ, Zuzana - MATÚŠ, Peter - URÍK, Martin**. Fungal Mobilization of Selenium in the Presence of Hausmannite and Ferric Oxyhydroxides. In *Journal of Fungi*, 2021, vol. 7, art. no. 810, [10] p. (2020: 5.816 - IF, Q1 - JCR, 1.702 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 2309-608X. Dostupné na: <https://doi.org/10.3390/jof7100810>

ADCA29 FARKAŠOVSKÁ, Jarmila - GODÁNY, Andrej. Characterization of the N-terminal catalytic domain of Lyt μ 1/6, an Endolysin from *Streptomyces aureofaciens* phage μ 1/6. In *Current Microbiology*, 2016, vol. 73, p. 602–610. (2015: 1.519 - IF, Q4 - JCR, 0.618 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0343-8651. Dostupné na: <https://doi.org/10.1007/s00284-016-1100-2>

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