MichaÅ, ZÅ,och

List of Publications by Year
in descending order

32	766	567281 15	526287 27
papers	citations	h-index	g-index

33	33	33	1007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of siderophores by plant-associated metallotolerant bacteria under exposure to Cd 2+. Chemosphere, 2016, 156, 312-325.	8.2	121
2	Metabolic potential and community structure of endophytic and rhizosphere bacteria associated with the roots of the halophyte Aster tripolium L.. Microbiological Research, 2016, 182, 68-79.	5.3	69
3	Identification of Microorganisms by Modern Analytical Techniques. Journal of AOAC INTERNATIONAL, 2017, 100, 1607-1623.	1.5	50
4	Mechanism study of intracellular zinc oxide nanocomposites formation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 553, 349-358.	4.7	50
5	Analysis of bacteria associated with honeys of different geographical and botanical origin using two different identification approaches: MALDI-TOF MS and 16S rDNA PCR technique. PLoS ONE, 2019, 14, e0217078.	2.5	50
6	Efficiency of microbially assisted phytoremediation of heavy-metal contaminated soils. Environmental Reviews, 2018, 26, 316-332.	4.5	47
7	Lactococcus lactis as a safe and inexpensive source of bioactive silver composites. Applied Microbiology and Biotechnology, 2017, 101, 7141-7153.	3.6	41
8	Strain-specific bioaccumulation and intracellular distribution of Cd2+ in bacteria isolated from the rhizosphere, ectomycorrhizae, and fruitbodies of ectomycorrhizal fungi. Environmental Science and Pollution Research, 2015, 22, 3055-3067.	5.3	37
9	Modeling of phytoextraction efficiency of microbially stimulated Salix dasyclados L. in the soils with different speciation of heavy metals. International Journal of Phytoremediation, 2017, 19, 1150-1164.	3.1	32
10	Use of Lactobacillus paracasei strain for zearalenone binding and metabolization. Toxicon, 2020, 181, 9-18.	1.6	31
11	Transcriptomic profiling of the salt stress response in excised leaves of the halophyte Beta vulgaris ssp. maritima. Plant Science, 2016, 243, 56-70.	3.6	30
12	The influence of different pH on the electrophoretic behaviour of Saccharomyces cerevisiae modified by calcium ions. Scientific Reports, 2018, 8, 7261.	3.3	30
13	A new approach to identifying pathogens, with particular regard to viruses, based on capillary electrophoresis and other analytical techniques. TrAC - Trends in Analytical Chemistry, 2021, 139, 116250.	11.4	21
14	A study of zearalenone biosorption and metabolisation by prokaryotic and eukaryotic cells. Toxicon, 2019, 169, 81-90.	1.6	17
15	Profiling of VOCs released from different salivary bacteria treated with non-lethal concentrations of silver nitrate. Analytical Biochemistry, 2019, 578, 36-44.	2.4	17
16	Cadmiumâ€affected synthesis of exopolysaccharides by rhizosphere bacteria. Journal of Applied Microbiology, 2019, 127, 713-723.	3.1	16
17	Metabolic profiles of microorganisms associated with the halophyteSalicornia europaeain soils with different levels of salinity. Ecoscience, 2014, 21, 114-122.	1.4	15
18	Cadmiumâ€induced changes in the production of siderophores by a plant growth promoting strain of Pseudomonas fulva. Journal of Basic Microbiology, 2018, 58, 623-632.	3.3	15

#	Article	IF	Citations
19	Lipidomic analysis of lactic acid bacteria strains by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Dairy Science, 2020, 103, 11062-11078.	3.4	12
20	Culturomics Approach to Identify Diabetic Foot Infection Bacteria. International Journal of Molecular Sciences, 2021, 22, 9574.	4.1	12
21	Study on Molecular Profiles of Staphylococcus aureus Strains: Spectrometric Approach. Molecules, 2020, 25, 4894.	3.8	11
22	Response of Birch and Alder Root Endophytes as Well as Rhizosphere and Bulk Soil Microorganisms to Heavy Metal Pollution. Polish Journal of Ecology, 2014, 62, 37-53.	0.2	7
23	Problems with identifyingÂand distinguishing salivary streptococci: a multi-instrumental approach. Future Microbiology, 2020, 15, 1157-1171.	2.0	7
24	Study on carbapenemase-producing bacteria by matrix-assisted laser desorption/ionization approach. PLoS ONE, 2021, 16, e0247369.	2.5	7
25	The Influence of Different Forms of Silver on Selected Pathogenic Bacteria. Materials, 2020, 13, 2403.	2.9	6
26	Identification, Structure and Characterization of Bacillus tequilensis Biofilm with the Use of Electrophoresis and Complementary Approaches. Journal of Clinical Medicine, 2022, 11, 722.	2.4	5
27	Analysis of microbiologically stimulated biomass of Salix viminalis L. in the presence of Cd2+ under in vitro conditions â€“ implications for phytoremediation. Acta Biologica Cracoviensia Series Botanica, 2015, 57, 67-78.	0.5	3
28	Identification of Bacteria Associated with Post-Operative Wounds of Patients with the Use of Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry Approach. Molecules, 2021, 26, 5007.	3.8	3
29	Lacticaseibacillus paracasei as a Modulator of Fatty Acid Compositions and Vitamin D3 in Cream. Foods, 2022, 11, 1659.	4.3	2
30	Microbial assisted phytoextraction of Cd2+ by Salix viminalis under in vitro culture conditions. Dendrobiology, 0, 82, 66-77.	0.6	1
31	New sources of lactic acid bacteria with potential antibacterial properties. Archives of Microbiology, 2022, 204, .	2.2	1
32	Modern Approaches for Microorganismsâ€™ Identification. , 2022, , 833-861.		0