

Dariusz Dziga

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

533
citations

13
h-index

22
g-index

31
ext. papers

647
ext. citations

4.2
avg, IF

3.72
L-index

#	Paper	IF	Citations
30	Microbial degradation of microcystins. <i>Chemical Research in Toxicology</i> , 2013 , 26, 841-52	4	94
29	First report of the cyanobacterial toxin cylindrospermopsin in the shallow, eutrophic lakes of western Poland. <i>Chemosphere</i> , 2009 , 74, 669-75	8.4	61
28	Heterologous expression and characterisation of microcystinase. <i>Toxicon</i> , 2012 , 59, 578-86	2.8	42
27	The alteration of <i>Microcystis aeruginosa</i> biomass and dissolved microcystin-LR concentration following exposure to plant-producing phenols. <i>Environmental Toxicology</i> , 2007 , 22, 341-6	4.2	40
26	Characterization of microcystin-LR removal process in the presence of probiotic bacteria. <i>Toxicon</i> , 2012 , 59, 171-81	2.8	30
25	The biodegradation of microcystins in temperate freshwater bodies with previous cyanobacterial history. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 145, 420-430	7	26
24	Verification of the role of MlrC in microcystin biodegradation by studies using a heterologously expressed enzyme. <i>Chemical Research in Toxicology</i> , 2012 , 25, 1192-4	4	25
23	Characterization of Enzymatic Activity of MlrB and MlrC Proteins Involved in Bacterial Degradation of Cyanotoxins Microcystins. <i>Toxins</i> , 2016 , 8,	4.9	25
22	Bioreactor study employing bacteria with enhanced activity toward cyanobacterial toxins microcystins. <i>Toxins</i> , 2014 , 6, 2379-92	4.9	22
21	Carbohydrate and free amino acid contents in tomato plants grown in media with bicarbonate and nitrate or ammonium. <i>Acta Physiologiae Plantarum</i> , 2005 , 27, 523-529	2.6	22
20	Heterologous expression of mlrA in a photoautotrophic host - Engineering cyanobacteria to degrade microcystins. <i>Environmental Pollution</i> , 2018 , 237, 926-935	9.3	20
19	Microcystin-LR affects properties of human epidermal skin cells crucial for regenerative processes. <i>Toxicon</i> , 2014 , 80, 38-46	2.8	19
18	Cylindrospermopsin Biodegradation Abilities of <i>Aeromonas</i> sp. Isolated from Rusała Lake. <i>Toxins</i> , 2016 , 8,	4.9	17
17	Combined treatment of toxic cyanobacteria <i>Microcystis aeruginosa</i> with hydrogen peroxide and microcystin biodegradation agents results in quick toxin elimination. <i>Acta Biochimica Polonica</i> , 2018 , 65, 133-140	2	12
16	Correlation between specific groups of heterotrophic bacteria and microcystin biodegradation in freshwater bodies of central Europe. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	10
15	The Effect of a Combined Hydrogen Peroxide-MlrA Treatment on the Phytoplankton Community and Microcystin Concentrations in a Mesocosm Experiment in Lake Ludo. <i>Toxins</i> , 2019 , 11,	4.9	9
14	All You Need Is Light. Photorepair of UV-Induced Pyrimidine Dimers. <i>Genes</i> , 2020 , 11,	4.2	8

13	Microcystinase - a review of the natural occurrence, heterologous expression, and biotechnological application of MlrA. <i>Water Research</i> , 2021 , 189, 116646	12.5	8
12	The Dark Side of UV-Induced DNA Lesion Repair. <i>Genes</i> , 2020 , 11,	4.2	7
11	Genetically Engineered Bacteria Immobilized in Alginate as an Option of Cyanotoxins Removal. <i>International Journal of Environmental Science and Development</i> , 2013 , 360-364	0.4	7
10	Wheat straw degradation and production of alternative substrates for nitrogenase of <i>Rhodobacter sphaeroides</i> . <i>Acta Biochimica Polonica</i> , 2015 , 62, 395-400	2	5
9	EXTRACELLULAR ENZYMES OF THE MICROCYSTIS AERUGINOSA PCC 7813 STRAIN ARE INHIBITED IN THE PRESENCE OF HYDROQUINONE AND PYROGALLOL, ALLELOCHEMICALS PRODUCED BY AQUATIC PLANTS(1). <i>Journal of Phycology</i> , 2009 , 45, 1299-303	3	4
8	Fruit Yield of Tomato Cultivated on Media with Bicarbonate and Nitrate/Ammonium as the Nitrogen Source. <i>Journal of Plant Nutrition</i> , 2007 , 30, 149-161	2.3	4
7	Different Gene Expression Response of Polish and Australian <i>Raphidiopsis raciborskii</i> Strains to the Chill/Light Stress. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5437	2.6	4
6	Occurrence of a single-species cyanobacterial bloom in a lake in Cyprus: monitoring and treatment with hydrogen peroxide-releasing granules. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	4
5	Biochemical and morphological alterations in rat liver Golgi complexes after treatment with bis(maltolato)oxovanadium(IV) [BMOV] or maltol alone. <i>Pathology Research and Practice</i> , 2000 , 196, 561-84	3.4	3
4	Biological Treatment for the Destruction of Cyanotoxins 2020 , 117-153		2
3	Are Bacterio- and Phytoplankton Community Compositions Related in Lakes Differing in Their Cyanobacteria Contribution and Physico-Chemical Properties?. <i>Genes</i> , 2021 , 12,	4.2	2
2	Transformation Products (TPs) of Cyanobacterial Metabolites During Treatment 2020 , 231-305		1
1	Cyanophage infections reduce photosynthetic activity and expression of CO ₂ fixation genes in the freshwater bloom-forming cyanobacterium <i>Aphanizomenon flos-aquae</i> . <i>Harmful Algae</i> , 2022 , 102215	5.3	0