

Agata Zdarta

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

417
citations

933264

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31
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docs citations

31
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic membrane reactor in xylose bioconversion with simultaneous cofactor regeneration. <i>Biorganic Chemistry</i> , 2022, 123, 105781.	2.0	3
2	Immobilized Lipase in Resolution of Ketoprofen Enantiomers: Examination of Biocatalysts Properties and Process Characterization. <i>Pharmaceutics</i> , 2022, 14, 1443.	2.0	4
3	Nitrofurazone Removal from Water Enhanced by Coupling Photocatalysis and Biodegradation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2186.	1.8	11
4	New Biocomposite Electrospun Fiber/Alginate Hydrogel for Probiotic Bacteria Immobilization. <i>Materials</i> , 2021, 14, 3861.	1.3	12
5	Significance of the presence of antibiotics on the microbial consortium in wastewater – The case of nitrofurantoin and furazolidone. <i>Bioresource Technology</i> , 2021, 339, 125577.	4.8	5
6	Evaluation of the physico-chemical properties of hydrocarbons-exposed bacterial biomass. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111310.	2.5	3
7	Exploring Elimination Kinetics of Four 5-Nitrofuran Derivatives by Microbes Present in Rural and Municipal Activated Sludge. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	5
8	Surfactant addition in diesel oil degradation – how can it help the microbes?. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 677-686.	1.4	5
9	Multilevel changes in bacterial properties on long-term exposure to hydrocarbons and impact of these cells on fresh-water communities. <i>Science of the Total Environment</i> , 2020, 729, 138956.	3.9	4
10	Co-Immobilization of Glucose Dehydrogenase and Xylose Dehydrogenase as a New Approach for Simultaneous Production of Gluconic and Xylonic Acid. <i>Materials</i> , 2019, 12, 3167.	1.3	12
11	Increased biological removal of 1-chloronaphthalene as a result of exposure: A study of bacterial adaptation strategies. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109707.	2.9	8
12	Environmental Aspects of the Use of Hedera helix Extract in Bioremediation Process. <i>Microorganisms</i> , 2019, 7, 43.	1.6	10
13	Biological impact of octyl d-glucopyranoside based surfactants. <i>Chemosphere</i> , 2019, 217, 567-575.	4.2	14
14	Properties and potential application of efficient biosurfactant produced by <i>Pseudomonas</i> sp. KZ1 strain. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 110-117.	0.9	8
15	An Effective Production of Bacterial Biosurfactant in the Bioreactor. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2018, , 409-422.	0.4	0
16	Bacterial Biodegradation of 4-Monohalogenated Diphenyl Ethers in One-Substrate and Co-Metabolic Systems. <i>Catalysts</i> , 2018, 8, 472.	1.6	8
17	The Impact of Biosurfactants on Microbial Cell Properties Leading to Hydrocarbon Bioavailability Increase. <i>Colloids and Interfaces</i> , 2018, 2, 35.	0.9	107
18	Butylbenzene and tert-Butylbenzene – Sorption on Sand Particles and Biodegradation in the Presence of Plant Natural Surfactants. <i>Toxins</i> , 2018, 10, 338.	1.5	3

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19	Saponaria officinalis L. extract: Surface active properties and impact on environmental bacterial strains. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 209-215.	2.5	33
20	Hydrocarbon-induced changes in proteins and fatty acids profiles of <i>Raoultella ornithinolytica</i> M03. <i>Journal of Proteomics</i> , 2017, 164, 43-51.	1.2	4
21	Environmental biodegradation of halophenols by activated sludge from two different sewage treatment plants. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 1240-1246.	0.9	5
22	Impact of potent bioremediation enhancing plant extracts on <i>Raoultella ornithinolytica</i> properties. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 274-282.	2.9	4
23	Influence of saponins on the biodegradation of halogenated phenols. <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 127-134.	2.9	47
24	Sapindus saponins™ impact on hydrocarbon biodegradation by bacteria strains after short- and long-term contact with pollutant. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 207-213.	2.5	41
25	A new biosurfactant produced by soil bacterial strain and its application in bioremediation. <i>New Biotechnology</i> , 2016, 33, S126.	2.4	1
26	Hydrocarbons biodegradation by activated sludge bacteria in the presence of natural and synthetic surfactants. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1262-1268.	0.9	13
27	Alkyl polyglucosides as cell surface modification factors: influence of the alkyl chain length. <i>Toxicological and Environmental Chemistry</i> , 2016, 98, 13-25.	0.6	12
28	FISH and array CGH characterization of de novo derivative Y chromosome (Yq duplication and partial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	5
29	Rahnella sp. strain EK12: Cell surface properties and diesel oil biodegradation after long-term contact with natural surfactants and diesel oil. <i>Microbiological Research</i> , 2015, 176, 38-47.	2.5	30