

Wojciech Smulek

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/180671/wojciech-smulek-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

50
papers

513
citations

12
h-index

19
g-index

59
ext. papers

700
ext. citations

5.1
avg, IF

4.42
L-index

#	Paper	IF	Citations
50	Multidisciplinary Studies of Folk Medicine "Five ThievesROil" (Olejek Piłłiu Złdziej) Components. <i>Molecules</i> , 2021 , 26,	4.8	3
49	Evaluation of surface active and antimicrobial properties of alkyl D-lyxosides and alkyl L-rhamnosides as green surfactants. <i>Chemosphere</i> , 2021 , 271, 129818	8.4	2
48	Novel Approach to Tooth Chemistry. Quantification of the Dental-Enamel Junction. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
47	New Biocomposite Electrospun Fiber/Alginate Hydrogel for Probiotic Bacteria Immobilization. <i>Materials</i> , 2021 , 14,	3.5	4
46	L. as a Stabilizer in Hemp Seed Oil Nanoemulsions for Potential Biomedical and Food Applications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
45	Nitrofurazone Removal from Water Enhanced by Coupling Photocatalysis and Biodegradation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
44	Biosurfactant from endophytic <i>Bacillus pumilus</i> 2A: physicochemical characterization, production and optimization and potential for plant growth promotion. <i>Microbial Cell Factories</i> , 2021 , 20, 40	6.4	10
43	Sustainable design of lignin-based spherical particles with the use of green surfactants and its application as sorbents in wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2021 , 172, 34-42	5.5	1
42	Langmuir Monolayer Techniques for the Investigation of Model Bacterial Membranes and Antibiotic Biodegradation Mechanisms. <i>Membranes</i> , 2021 , 11,	3.8	4
41	Whey Proteins as a Potential Co-Surfactant with L. as a Stabilizer in Nanoemulsions Derived from Hempseed Oil. <i>Molecules</i> , 2021 , 26,	4.8	2
40	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	11	1
39	Application of natural surfactants for improving the leaching of zinc and copper from different soils. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101926	7	1
38	Surfactant addition in diesel oil degradation - how can it help the microbes?. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 677-686	2.9	1
37	Combined Effect of Nitrofurantoin and Plant Surfactant on Bacteria Phospholipid Membrane. <i>Molecules</i> , 2020 , 25,	4.8	5
36	Plant Extracts Containing Saponins Affects the Stability and Biological Activity of Hempseed Oil Emulsion System. <i>Molecules</i> , 2020 , 25,	4.8	11
35	Removal of Bisphenol A and Its Potential Substitutes by Biodegradation. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1100-1110	3.2	19
34	Characterization of St. John's wort (<i>Hypericum perforatum</i> L.) and the impact of filtration process on bioactive extracts incorporated into carbohydrate-based hydrogels. <i>Food Hydrocolloids</i> , 2020 , 104, 105748	10.6	14

33	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	10.2	1
32	Novel Approach to Tooth Chemistry: Quantification of Human Enamel Apatite in Context for New Biomaterials and Nanomaterials Development. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
31	Modification of the Bacterial Cell Wall: Is the Bioavailability Important in Creosote Biodegradation?. <i>Processes</i> , 2020 , 8, 147	2.9	3
30	Bacteria involved in biodegradation of creosote PAH - A case study of long-term contaminated industrial area. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 187, 109843	7	21
29	Evaluation of the physico-chemical properties of hydrocarbons-exposed bacterial biomass. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111310	6	1
28	Diclofenac Degradation-Enzymes, Genetic Background and Cellular Alterations Triggered in Diclofenac-Metabolizing Strain KB4. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
27	Wetting properties of Saponaria officinalis saponins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 584, 123980	5.1	7
26	Nitrofurantoin-Microbial Degradation and Interactions with Environmental Bacterial Strains. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12
25	Environmental Aspects of the Use of Extract in Bioremediation Process. <i>Microorganisms</i> , 2019 , 7,	4.9	3
24	Aesculus hippocastanum L. extract as a potential emulsion stabilizer. <i>Food Hydrocolloids</i> , 2019 , 97, 105237.6	37.6	11
23	Three chlorotoluene-degrading bacterial strains: Differences in biodegradation potential and cell surface properties. <i>Chemosphere</i> , 2019 , 237, 124452	8.4	3
22	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	7	7
21	Biological impact of octyl d-glucopyranoside based surfactants. <i>Chemosphere</i> , 2019 , 217, 567-575	8.4	11
20	Properties and potential application of efficient biosurfactant produced by Pseudomonas sp. KZ1 strain. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019 , 54, 110-117	2.3	4
19	An Effective Production of Bacterial Biosurfactant in the Bioreactor. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2018 , 409-422	0.3	
18	Verbascum nigrum L. (mullein) extract as a natural emulsifier. <i>Food Hydrocolloids</i> , 2018 , 81, 341-350	10.6	16
17	Chitosan biocomposites with enzymatically produced nanocrystalline cellulose. <i>Polymer Composites</i> , 2018 , 39, E448-E456	3	11
16	Bacterial Biodegradation of 4-Monohalogenated Diphenyl Ethers in One-Substrate and Co-Metabolic Systems. <i>Catalysts</i> , 2018 , 8, 472	4	7

15	The Impact of Biosurfactants on Microbial Cell Properties Leading to Hydrocarbon Bioavailability Increase. <i>Colloids and Interfaces</i> , 2018 , 2, 35	3	51
14	Butylbenzene and -Butylbenzene-Sorption on Sand Particles and Biodegradation in the Presence of Plant Natural Surfactants. <i>Toxins</i> , 2018 , 10,	4.9	3
13	The ability of <i>Achromobacter</i> sp. KW1 strain to biodegrade isomers of chlorotoluene. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 2134-2141	3.5	9
12	<i>Saponaria officinalis</i> L. extract: Surface active properties and impact on environmental bacterial strains. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 150, 209-215	6	16
11	Alkyl Xylosides: Physico-Chemical Properties and Influence on Environmental Bacteria Cells. <i>Journal of Surfactants and Detergents</i> , 2017 , 20, 1269-1279	1.9	12
10	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	2.3	2
9	Exploring the Degradation of Ibuprofen by <i>Bacillus thuringiensis</i> B1(2015b): The New Pathway and Factors Affecting Degradation. <i>Molecules</i> , 2017 , 22,	4.8	38
8	Spongin-Based Scaffolds from <i>Hippospongia communis</i> Demosponge as an Effective Support for Lipase Immobilization. <i>Catalysts</i> , 2017 , 7, 147	4	29
7	Alkyl polyglucosides as cell surface modification factors: influence of the alkyl chain length. <i>Toxicological and Environmental Chemistry</i> , 2016 , 98, 13-25	1.4	12
6	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	2.3	11
5	Influence of saponins on the biodegradation of halogenated phenols. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 131, 127-34	7	35
4	<i>Sapindus</i> 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	6	29
3	Impact of Alkyl Polyglucosides Surfactant Lutensol GD 70 on Modification of Bacterial Cell Surface Properties. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 45	2.6	3
2	<i>Rahnella</i> 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	5.3	28
1	Effect of GlucoPON 215 on cell surface properties of <i>Pseudomonas stutzeri</i> and diesel oil biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2015 , 104, 129-135	4.8	12