

Paweł, Cyplik

List of Publications by Year in descending order

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34
papers

945
citations

430442

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454577

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docs citations

34
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation and surfactant-mediated biodegradation of diesel fuel by 218 microbial consortia are not correlated to cell surface hydrophobicity. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 545-553.	1.7	79
2	Biodegradation of rhamnolipids in liquid cultures: Effect of biosurfactant dissipation on diesel fuel/B20 blend biodegradation efficiency and bacterial community composition. <i>Bioresource Technology</i> , 2012, 111, 328-335.	4.8	73
3	Methane fermentation of the maize straw silage under meso- and thermophilic conditions. <i>Energy</i> , 2016, 115, 1495-1502.	4.5	66
4	The kinetics of nicotine degradation, enzyme activities and genotoxic potential in the characterization of tobacco waste composting. <i>Bioresource Technology</i> , 2009, 100, 5037-5044.	4.8	60
5	Biodegradation of diesel/biodiesel blends in saturated sand microcosms. <i>Fuel</i> , 2014, 116, 321-327.	3.4	58
6	Relative quantitative PCR to assess bacterial community dynamics during biodegradation of diesel and biodiesel fuels under various aeration conditions. <i>Bioresource Technology</i> , 2011, 102, 4347-4352.	4.8	54
7	Influence of oligomeric herbicidal ionic liquids with MCPA and Dicamba anions on the community structure of autochthonic bacteria present in agricultural soil. <i>Science of the Total Environment</i> , 2016, 563-564, 247-255.	3.9	49
8	Composting of oiled bleaching earth: Fatty acids degradation, phytotoxicity and mutagenicity changes. <i>International Biodeterioration and Biodegradation</i> , 2013, 78, 49-57.	1.9	43
9	Atrazine degradation by aerobic microorganisms isolated from the rhizosphere of sweet flag (<i>Acorus</i>) Tj ETQq1 1 0.784314 rgBT /Over 1.5 41	1.5	41
10	Biological Denitrification of High Nitrate Processing Wastewaters from Explosives Production Plant. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1791-1800.	1.1	38
11	Influence of soil contamination with PAH on microbial community dynamics and expression level of genes responsible for biodegradation of PAH and production of rhamnolipids. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23043-23056.	2.7	35
12	Utilization of Triton X-100 and polyethylene glycols during surfactant-mediated biodegradation of diesel fuel. <i>Journal of Hazardous Materials</i> , 2011, 197, 97-103.	6.5	32
13	Rhamnolipids Increase the Phytotoxicity of Diesel Oil Towards Four Common Plant Species in a Terrestrial Environment. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4275-4282.	1.1	32
14	Evaluating robustness of a diesel-degrading bacterial consortium isolated from contaminated soil. <i>New Biotechnology</i> , 2016, 33, 852-859.	2.4	30
15	Application of a membrane bioreactor to denitrification of brine. <i>Desalination</i> , 2007, 207, 134-143.	4.0	28
16	Antibacterial effect of the <i>Trichoderma viride</i> fungi on soil microbiome during PAH's biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 170-177.	1.9	27
17	Denitrification of industrial wastewater: Influence of glycerol addition on metabolic activity and community shifts in a microbial consortium. <i>Chemosphere</i> , 2013, 93, 2823-2831.	4.2	25
18	Biodegradation of Triton X-100 and its primary metabolites by a bacterial community isolated from activated sludge. <i>Journal of Environmental Management</i> , 2013, 128, 292-299.	3.8	24

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19	The Influence of Bacteria Causing Subclinical Mastitis on the Structure of the Cow's Milk Microbiome. <i>Molecules</i> , 2022, 27, 1829.	1.7	18
20	Heavy Metals as a Factor Increasing the Functional Genetic Potential of Bacterial Community for Polycyclic Aromatic Hydrocarbon Biodegradation. <i>Molecules</i> , 2020, 25, 319.	1.7	17
21	The Raw Milk Microbiota from Semi-Subsistence Farms Characteristics by NGS Analysis Method. <i>Molecules</i> , 2021, 26, 5029.	1.7	16
22	In Vitro Studies on Atrazine Effects on Human Intestinal Cells. <i>Water, Air, and Soil Pollution</i> , 2010, 213, 401-411.	1.1	15
23	Biological denitrification of brine: the effect of compatible solutes on enzyme activities and fatty acid degradation. <i>Biodegradation</i> , 2012, 23, 663-672.	1.5	14
24	The impact of natural and synthetic surfactants on bacterial community during hydrocarbon biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2019, 142, 191-199.	1.9	14
25	Effect of macro/micro nutrients and carbon source over the denitrification rate of <i>Haloferax denitrificans</i> archaeon. <i>Enzyme and Microbial Technology</i> , 2007, 40, 212-220.	1.6	13
26	Characterization of specific spoilage organisms (SSOs) in vacuum-packed ham by culture-plating techniques and MiSeq next-generation sequencing technologies. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 659-668.	1.7	13
27	Multidimensional Toxicity of Rhamnolipid Extracts Obtained From Creosote-Contaminated Soil. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1800053.	0.7	6
28	The Toxic Effect of Herbicidal Ionic Liquids on Biogas-Producing Microbial Community. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 916.	1.2	6
29	Genetic and chemical analyzes of transformations in compost compounds during biodegradation of oiled bleaching earth with waste sludge. <i>Bioresource Technology</i> , 2012, 114, 75-83.	4.8	5
30	Dose-Response Effect of Nitrogen on Microbial Community during Hydrocarbon Biodegradation in Simplified Model System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6012.	1.3	5
31	Assessment of soil potential to natural attenuation and autochthonous bioaugmentation using microarray and functional predictions from metagenome profiling. <i>Annals of Microbiology</i> , 2019, 69, 945-955.	1.1	4
32	High Voltage Electrochemiluminescence (ECL) as a New Method for Detection of PAH During Screening for PAH-Degrading Microbial Consortia. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 270.	1.1	2
33	Removal of nitrates from processing wastewater by cryoconcentration combined with biological denitrification. <i>Desalination and Water Treatment</i> , 2015, 54, 1903-1911.	1.0	2
34	Effect of Processing Treatment and Modified Atmosphere Packing on Carrot's Microbial Community Structure by Illumina MiSeq Sequencing. <i>Molecules</i> , 2022, 27, 2830.	1.7	1