

Renata Matlakowska

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

615
citations

623734

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all docs

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docs citations

32
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	Postdiagenetic Changes in Kerogen Properties and Type by Bacterial Oxidation and Dehydrogenation. <i>Molecules</i> , 2022, 27, 2408.	3.8	4
2	Lanthanide-Dependent Methanol Metabolism of a Proteobacteria-Dominated Community in a Light Lanthanide-Rich Deep Environment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3947.	4.1	1
3	Occurrence of XoxF-type methanol dehydrogenases in bacteria inhabiting light lanthanide-rich shale rock. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	2
4	Biosynthesis of Tetrapyrrole Cofactors by Bacterial Community Inhabiting Porphyrine-Containing Shale Rock (Fore-Sudetic Monocline). <i>Molecules</i> , 2021, 26, 6746.	3.8	1
5	Postdiagenetic Bacterial Transformation of Nickel and Vanadyl Sedimentary Porphyrins of Organic-Rich Shale Rock (Fore-Sudetic Monocline, Poland). <i>Frontiers in Microbiology</i> , 2021, 12, 772007.	3.5	4
6	Sedimentary Cobalt Protoporphyrin as a Potential Precursor of Prosthetic Heme Group for Bacteria Inhabiting Fossil Organic Matter-Rich Shale Rock. <i>Biomolecules</i> , 2021, 11, 1913.	4.0	1
7	The Oxidative Metabolism of Fossil Hydrocarbons and Sulfide Minerals by the Lithobiontic Microbial Community Inhabiting Deep Subterrestrial Kupferschiefer Black Shale. <i>Frontiers in Microbiology</i> , 2018, 9, 972.	3.5	15
8	Extracellular Membrane Structures: A Component of the Epilithic Biofilm on the Kupferschiefer Black Shale. <i>Geomicrobiology Journal</i> , 2017, 34, 166-175.	2.0	1
9	Bacterial weathering of fossil organic matter and organic carbon mobilization from subterrestrial Kupferschiefer black shale: long-term laboratory studies. <i>Environmental Microbiology Reports</i> , 2017, 9, 459-466.	2.4	19
10	GEOMICROBIOLOGY OF SUBSURFACE MINE OF THE FORE-SUDETIC MONOCLINE. <i>Biuletyn - Panstwowego Instytutu Geologicznego</i> , 2017, , 0-0.	0.1	0
11	Determination of factors responsible for the bioweathering of copper minerals from organic-rich copper-bearing Kupferschiefer black shale. <i>Chemosphere</i> , 2016, 148, 416-425.	8.2	25
12	Diversity and role of plasmids in adaptation of bacteria inhabiting the Lubin copper mine in Poland, an environment rich in heavy metals. <i>Frontiers in Microbiology</i> , 2015, 6, 152.	3.5	83
13	Extracellular compounds produced by bacterial consortium promoting elements mobilization from polymetallic Kupferschiefer black shale (Fore-Sudetic Monocline, Poland). <i>Chemosphere</i> , 2015, 122, 273-279.	8.2	7
14	Characterization of Halomonassp. ZM3 isolated from the Zelazny Most post-flotation waste reservoir, with a special focus on its mobile DNA. <i>BMC Microbiology</i> , 2013, 13, 59.	3.3	49
15	Biotransformation of copper from Kupferschiefer black shale (Fore-Sudetic Monocline, Poland) by yeast <i>Rhodotorula mucilaginosa</i> LM9. <i>Chemosphere</i> , 2013, 91, 1257-1265.	8.2	30
16	Bioweathering of Kupferschiefer black shale (Fore-Sudetic Monocline, SW Poland) by indigenous bacteria: implication for dissolution and precipitation of minerals in deep underground mine. <i>FEMS Microbiology Ecology</i> , 2012, 81, 99-110.	2.7	72
17	Biodegradation of Kupferschiefer black shale organic matter (Fore-Sudetic Monocline, Poland) by indigenous microorganisms. <i>Chemosphere</i> , 2011, 83, 1255-1261.	8.2	32
18	Arsenic release from gold mine rocks mediated by the activity of indigenous bacteria. <i>Hydrometallurgy</i> , 2010, 104, 437-442.	4.3	41

#	ARTICLE	IF	CITATIONS
19	Biotransformation of Organic-Rich Copper-Bearing Black Shale by Indigenous Microorganisms Isolated from Lubin Copper Mine (Poland). <i>Environmental Science & Technology</i> , 2010, 44, 2433-2440.	10.0	27
20	The culturable bacteria isolated from organic-rich black shale potentially useful in biometallurgical procedures. <i>Journal of Applied Microbiology</i> , 2009, 107, 858-866.	3.1	57
21	Arsenic-Hypertolerant <i>Pseudomonads</i> Isolated from Ancient Gold and Copper-Bearing Black Shale Deposits. <i>Geomicrobiology Journal</i> , 2008, 25, 357-362.	2.0	18
22	Arsenite and Arsenate Metabolism of <i>Sinorhizobium</i> sp. M14 Living in the Extreme Environment of the Zloty Stok Gold Mine. <i>Geomicrobiology Journal</i> , 2008, 25, 363-370.	2.0	37
23	Isolation and Characterisation of Microorganisms from Copper Bearing Black Shale of Lubin Mine (Poland). <i>Advanced Materials Research</i> , 2007, 20-21, 580-580.	0.3	2
24	Biodegradation of Organic Matter and Release of Heavy Metals from the Copper Bearing Black Shale of Fore Sudetic Monocline (Poland). <i>Advanced Materials Research</i> , 2007, 20-21, 238-239.	0.3	1
25	Bioleaching Of Metals In Neutral And Slightly Alkaline Environment. , 2007, , 121-129.		6
26	Adaptive changes of chemolithoautotrophic acidophilic sulfur-oxidizing bacteria during growth in sewage sludge. <i>Canadian Journal of Microbiology</i> , 2006, 52, 1189-1198.	1.7	0
27	The growth, ferrous iron oxidation and ultrastructure of <i>Acidithiobacillus ferrooxidans</i> in the presence of dibutyl phthalate. <i>Polish Journal of Microbiology</i> , 2006, 55, 203-10.	1.7	0
28	Extracellular Polymer Produced in the Presence of Copper Minerals. <i>Geomicrobiology Journal</i> , 2005, 22, 65-73.	2.0	10
29	The method of contact angle measurements and estimation of work of adhesion in bioleaching of metals. <i>Biological Procedures Online</i> , 1999, 1, 114-121.	2.9	52
30	Title is missing!. <i>Biotechnology Letters</i> , 1998, 20, 229-233.	2.2	14
31	Microbial Impact on Arsenic Mobilization in Zloty Stok Gold Mine. <i>Advanced Materials Research</i> , 0, 71-73, 121-124.	0.3	3
32	Biotransformation of Metalloporphyrins by Microorganisms Isolated from Organic-Rich Metal-Bearing Black Shale. <i>Advanced Materials Research</i> , 0, 71-73, 709-712.	0.3	1