Renata Matlakowska

List of Publications by Year
in descending order

32	615	623734	610901
papers	citations	14 h-index	24 g-index

32	32	32	574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diversity and role of plasmids in adaptation of bacteria inhabiting the Lubin copper mine in Poland, an environment rich in heavy metals. Frontiers in Microbiology, 2015, 6, 152.	3.5	83
2	Bioweathering of Kupferschiefer black shale (Fore-Sudetic Monocline, SW Poland) by indigenous bacteria: implication for dissolution and precipitation of minerals in deep underground mine. FEMS Microbiology Ecology, 2012, 81, 99-110.	2.7	72
3	The culturable bacteria isolated from organic-rich black shale potentially useful in biometallurgical procedures. Journal of Applied Microbiology, 2009, 107, 858-866.	3.1	57
4	The method of contact angle measurements and estimation of work of adhesion in bioleaching of metals. Biological Procedures Online, 1999, 1, 114-121.	2.9	52
5	Characterization of Halomonassp. ZM3 isolated from the Zelazny Most post-flotation waste reservoir, with a special focus on its mobile DNA. BMC Microbiology, 2013, 13, 59.	3.3	49
6	Arsenic release from gold mine rocks mediated by the activity of indigenous bacteria. Hydrometallurgy, 2010, 104, 437-442.	4.3	41
7	Arsenite and Arsenate Metabolism ofSinorhizobiumsp. M14 Living in the Extreme Environment of the Zloty Stok Gold Mine. Geomicrobiology Journal, 2008, 25, 363-370.	2.0	37
8	Biodegradation of Kupferschiefer black shale organic matter (Fore-Sudetic Monocline, Poland) by indigenous microorganisms. Chemosphere, 2011, 83, 1255-1261.	8.2	32
9	Biotransformation of copper from Kupferschiefer black shale (Fore-Sudetic Monocline, Poland) by yeast Rhodotorula mucilaginosa LM9. Chemosphere, 2013, 91, 1257-1265.	8.2	30
10	Biotransformation of Organic-Rich Copper-Bearing Black Shale by Indigenous Microorganisms Isolated from Lubin Copper Mine (Poland). Environmental Science & Technology, 2010, 44, 2433-2440.	10.0	27
11	Determination of factors responsible for the bioweathering of copper minerals from organic-rich copper-bearing Kupferschiefer black shale. Chemosphere, 2016, 148, 416-425.	8.2	25
12	Bacterial weathering of fossil organic matter and organic carbon mobilization from subterrestrial <scp>K</scp>upferschiefer black shale: longâ€term laboratory studies. Environmental Microbiology Reports, 2017, 9, 459-466.	2.4	19
13	Arsenic-HypertolerantPseudomonadsIsolated from Ancient Gold and Copper-Bearing Black Shale Deposits. Geomicrobiology Journal, 2008, 25, 357-362.	2.0	18
14	The Oxidative Metabolism of Fossil Hydrocarbons and Sulfide Minerals by the Lithobiontic Microbial Community Inhabiting Deep Subterrestrial Kupferschiefer Black Shale. Frontiers in Microbiology, 2018, 9, 972.	3.5	15
15	Title is missing!. Biotechnology Letters, 1998, 20, 229-233.	2.2	14
16	Extracellular Polymer Produced in the Presence of Copper Minerals. Geomicrobiology Journal, 2005, 22, 65-73.	2.0	10
17	Extracellular compounds produced by bacterial consortium promoting elements mobilization from polymetallic Kupferschiefer black shale (Fore-Sudetic Monocline, Poland). Chemosphere, 2015, 122, 273-279.	8.2	7
18	Bioleaching Of Metals In Neutral And Slightly Alkaline Environment. , 2007, , 121-129.		6

#	Article	IF	Citations
19	Postdiagenetic Bacterial Transformation of Nickel and Vanadyl Sedimentary Porphyrins of Organic-Rich Shale Rock (Fore-Sudetic Monocline, Poland). Frontiers in Microbiology, 2021, 12, 772007.	3.5	4
20	Postdiagenetic Changes in Kerogen Properties and Type by Bacterial Oxidation and Dehydrogenation. Molecules, 2022, 27, 2408.	3.8	4
21	Microbial Impact on Arsenic Mobilization in Zloty Stok Gold Mine. Advanced Materials Research, 0, 71-73, 121-124.	0.3	3
22	Isolation and Characterisation of Microorganisms from Copper Bearing Black Shale of Lubin Mine (Poland). Advanced Materials Research, 2007, 20-21, 580-580.	0.3	2
23	Occurrence of XoxF-type methanol dehydrogenases in bacteria inhabiting light lanthanide-rich shale rock. FEMS Microbiology Ecology, 2021, 97, .	2.7	2
24	Biodegradation of Organic Matter and Release of Heavy Metals from the Copper Bearing Black Shale of Fore Sudetic Monocline (Poland). Advanced Materials Research, 2007, 20-21, 238-239.	0.3	1
25	Biotransformation of Metalloporphyrins by Microorganisms Isolated from Organic-Rich Metal-Bearing Black Shale. Advanced Materials Research, 0, 71-73, 709-712.	0.3	1
26	Extracellular Membrane Structures: A Component of the Epilithic Biofilm on the Kupferschiefer Black Shale. Geomicrobiology Journal, 2017, 34, 166-175.	2.0	1
27	Biosynthesis of Tetrapyrrole Cofactors by Bacterial Community Inhabiting Porphyrine-Containing Shale Rock (Fore-Sudetic Monocline). Molecules, 2021, 26, 6746.	3.8	1
28	Lanthanide-Dependent Methanol Metabolism of a Proteobacteria-Dominated Community in a Light Lanthanide-Rich Deep Environment. International Journal of Molecular Sciences, 2022, 23, 3947.	4.1	1
29	Sedimentary Cobalt Protoporphyrin as a Potential Precursor of Prosthetic Heme Group for Bacteria Inhabiting Fossil Organic Matter-Rich Shale Rock. Biomolecules, 2021, 11, 1913.	4.0	1
30	Adaptive changes of chemolithoautotrophic acidophilic sulfur-oxidizing bacteria during growth in sewage sludge. Canadian Journal of Microbiology, 2006, 52, 1189-1198.	1.7	0
31	GEOMICROBIOLOGY OF SUBSURFACE MINE OF THE FORE-SUDETIC MONOCLINE. Biuletyn - Panstwowego Instytutu Geologicznego, 2017, , 0-0.	0.1	0
32	The growth, ferrous iron oxidation and ultrastructure of Acidithiobacillus ferrooxidans in the presence of dibutyl phthalate. Polish Journal of Microbiology, 2006, 55, 203-10.	1.7	0