Anna Panyushkina

List of Publications by Year
in descending order

33	272	1040056 9	1058476 14
papers	citations	h-index	g-index

34	34	34	195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Case of Predominance of Alicyclobacillus tolerans in Microbial Community during Bioleaching of Pentlandite-Chalcopyrite Concentrate. Minerals (Basel, Switzerland), 2022, 12, 396.	2.0	6
2	Bulk flotation followed by selective leaching with biogenic ferric iron is a promising solution for eco-friendly processing of complex sulfidic ores. Journal of Environmental Management, 2022, 318, 115587.	7.8	2
3	Unraveling the Central Role of Sulfur-Oxidizing Acidiphilium multivorum LMS in Industrial Bioprocessing of Gold-Bearing Sulfide Concentrates. Microorganisms, 2021, 9, 984.	3.6	12
4	Ferric Leaching of Bulk Sulfidic Concentrates with Biologically Generated Solution. Applied Biochemistry and Microbiology, 2021, 57, 493-499.	0.9	3
5	Biobeneficiation of bulk copper-zinc and copper-nickel concentrates at different temperatures. Minerals Engineering, 2021, 170, 107040.	4.3	6
6	Effect of Temperature on Biobeneficiation of Bulk Copper-Nickel Concentrate with Thermoacidophilic Microbial Communities. Metals, 2021, 11, 1969.	2.3	5
7	Understanding Stress Response to High-Arsenic Gold-Bearing Sulfide Concentrate in Extremely Metal-Resistant Acidophile Sulfobacillus thermotolerans. Microorganisms, 2020, 8, 1076.	3.6	12
8	Specific Features of Formation of Multispecies Microbial Biofilms on Polyethylene Surface. Microbiology, 2020, 89, 396-404.	1.2	8
9	Distinct Roles of Acidophiles in Complete Oxidation of High-Sulfur Ferric Leach Product of Zinc Sulfide Concentrate. Microorganisms, 2020, 8, 386.	3.6	16
10	Sulfobacillus thermotolerans: new insights into resistance and metabolic capacities of acidophilic chemolithotrophs. Scientific Reports, 2019, 9, 15069.	3.3	25
11	Metabolic Potential of Sulfobacillus thermotolerans: Pathways for Assimilation of Nitrogen Compounds and the Possibility of Lithotrophic Growth in the Presence of Molecular Hydrogen. Microbiology, 2019, 88, 759-763.	1.2	2
12	Physiological and Morphological Characteristics of Acidophilic Bacteria Leptospirillum ferriphilum and Acidithiobacillus thiooxidans, Members of a Chemolithotrophic Microbial Consortium. Microbiology, 2018, 87, 326-338.	1.2	12
13	Neutrophilic Microbial Community with High Rate of Elemental Sulfur Oxidation. Advanced Materials Research, 2015, 1130, 59-62.	0.3	2
14	Growth of acidophilic chemolithotrophic microbial communities and sulfur oxidation in the presence of coal ashes. Microbiology, 2015, 84, 177-189.	1.2	11
15	Optimization of bioleaching and oxidation of gold-bearing pyrite-arsnopyrite ore concentrate in batch mode. Microbiology, 2014, 83, 550-557.	1.2	4
16	Thermoacidophilic microbial community oxidizing the gold-bearing flotation concentrate of a pyrite-arsenopyrite ore. Microbiology, 2014, 83, 539-549.	1.2	11
17	Leaching of pyrite-arsenopyrite concentrate in bioreactors during continuous cultivation of a thermoacidophilic microbial community. Microbiology, 2014, 83, 568-576.	1.2	5
18	Oxidation of gold-antimony ores by a thermoacidophilic microbial consortium. Microbiology, 2013, 82, 680-689.	1.2	10

#	Article	IF	Citations
19	Selection of a community of acidochemolithotrophic microorganisms with a high oxidation rate of pyrrhotite-containing sulphide ore flotation concentrate. Applied Biochemistry and Microbiology, 2013, 49, 495-501.	0.9	7
20	Diversity of the communities of acidophilic chemolithotrophic microorganisms in natural and technogenic ecosystems. Microbiology, 2012, 81, 1-24.	1.2	29
21	Biooxidation of a gold-containing sulfide concentrate in relation to changes in physical and chemical conditions. Microbiology, 2012, 81, 288-298.	1.2	7
22	Specific characteristics of the strains isolated from a thermoacidophilic microbial community oxidizing antimony sulfide ore. Microbiology, 2011, 80, 70-81.	1.2	5
23	Polymorphism of Sulfobacillus thermosulfidooxidans strains dominating in processes of high-temperature oxidation of gold-arsenic concentrate. Microbiology, 2011, 80, 326-334.	1.2	9
24	Regulation of metabolic pathways in sulfobacilli under different aeration regimes. Microbiology, 2010, 79, 147-152.	1.2	5
25	Functional diversity of an aboriginal microbial community oxidizing the ore with high antimony content at 46â€“47Â°C. Microbiology, 2010, 79, 735-746.	1.2	7
26	Ferrous iron oxidation in moderately thermophilic acidophileSulfobacillus sibiricusN1^T. Canadian Journal of Microbiology, 2010, 56, 803-808.	1.7	12
27	Strain polymorphism of the plasmid profiles in Sulfobacillus species. Microbiology, 2009, 78, 593-597.	1.2	2
28	Electron donors at oxidative phosphorylation in bacteria of the genus Sulfobacillus. Microbiology, 2009, 78, 811-814.	1.2	8
29	Energy supply processes in moderately thermophilic bacteria of the genus Sulfobacillus. Microbiology, 2008, 77, 632-635.	1.2	0
30	Phenotypic properties of Sulfobacillus thermotolerans: Comparative aspects. Microbiology, 2008, 77, 654-664.	1.2	7
31	The dependence of intracellular ATP level on the nutrition mode of the acidophilic bacteria Sulfobacillus thermotolerans and Alicyclobacillus tolerans. Microbiology, 2007, 76, 654-662.	1.2	5
32	Microbial Population of Industrial Biooxidation Reactors. Solid State Phenomena, 0, 262, 48-52.	0.3	16
33	Biochemical Aspects of Energy Metabolism in <i>Sulfobacillus thermotolerans</i>. Solid State Phenomena, 0, 262, 394-397.	0.3	0