

# Anna Panyushkina

## List of Publications by Year in descending order

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33  
papers

272  
citations

1040056

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h-index

1058476

14  
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34  
all docs

34  
docs citations

34  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of the communities of acidophilic chemolithotrophic microorganisms in natural and technogenic ecosystems. <i>Microbiology</i> , 2012, 81, 1-24.	1.2	29
2	<i>Sulfobacillus thermotolerans</i> : new insights into resistance and metabolic capacities of acidophilic chemolithotrophs. <i>Scientific Reports</i> , 2019, 9, 15069.	3.3	25
3	Microbial Population of Industrial Biooxidation Reactors. <i>Solid State Phenomena</i> , 0, 262, 48-52.	0.3	16
4	Distinct Roles of Acidophiles in Complete Oxidation of High-Sulfur Ferric Leach Product of Zinc Sulfide Concentrate. <i>Microorganisms</i> , 2020, 8, 386.	3.6	16
5	Ferrous iron oxidation in moderately thermophilic acidophile <i>Sulfobacillus sibiricus</i> . <i>Canadian Journal of Microbiology</i> , 2010, 56, 803-808.	1.7	12
6	Physiological and Morphological Characteristics of Acidophilic Bacteria <i>Leptospirillum ferriphilum</i> and <i>Acidithiobacillus thiooxidans</i> , Members of a Chemolithotrophic Microbial Consortium. <i>Microbiology</i> , 2018, 87, 326-338.	1.2	12
7	Understanding Stress Response to High-Arsenic Gold-Bearing Sulfide Concentrate in Extremely Metal-Resistant Acidophile <i>Sulfobacillus thermotolerans</i> . <i>Microorganisms</i> , 2020, 8, 1076.	3.6	12
8	Unraveling the Central Role of Sulfur-Oxidizing <i>Acidiphilium multivorum</i> LMS in Industrial Bioprocessing of Gold-Bearing Sulfide Concentrates. <i>Microorganisms</i> , 2021, 9, 984.	3.6	12
9	Thermoacidophilic microbial community oxidizing the gold-bearing flotation concentrate of a pyrite-arsenopyrite ore. <i>Microbiology</i> , 2014, 83, 539-549.	1.2	11
10	Growth of acidophilic chemolithotrophic microbial communities and sulfur oxidation in the presence of coal ashes. <i>Microbiology</i> , 2015, 84, 177-189.	1.2	11
11	Oxidation of gold-antimony ores by a thermoacidophilic microbial consortium. <i>Microbiology</i> , 2013, 82, 680-689.	1.2	10
12	Polymorphism of <i>Sulfobacillus thermosulfidooxidans</i> strains dominating in processes of high-temperature oxidation of gold-arsenic concentrate. <i>Microbiology</i> , 2011, 80, 326-334.	1.2	9
13	Electron donors at oxidative phosphorylation in bacteria of the genus <i>Sulfobacillus</i> . <i>Microbiology</i> , 2009, 78, 811-814.	1.2	8
14	Specific Features of Formation of Multispecies Microbial Biofilms on Polyethylene Surface. <i>Microbiology</i> , 2020, 89, 396-404.	1.2	8
15	Phenotypic properties of <i>Sulfobacillus thermotolerans</i> : Comparative aspects. <i>Microbiology</i> , 2008, 77, 654-664.	1.2	7
16	Functional diversity of an aboriginal microbial community oxidizing the ore with high antimony content at 46–47°C. <i>Microbiology</i> , 2010, 79, 735-746.	1.2	7
17	Biooxidation of a gold-containing sulfide concentrate in relation to changes in physical and chemical conditions. <i>Microbiology</i> , 2012, 81, 288-298.	1.2	7
18	Selection of a community of acidochemolithotrophic microorganisms with a high oxidation rate of pyrrhotite-containing sulphide ore flotation concentrate. <i>Applied Biochemistry and Microbiology</i> , 2013, 49, 495-501.	0.9	7

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19	Biobeneficiation of bulk copper-zinc and copper-nickel concentrates at different temperatures. <i>Minerals Engineering</i> , 2021, 170, 107040.	4.3	6
20	A Case of Predominance of <i>Alicyclobacillus tolerans</i> in Microbial Community during Bioleaching of Pentlandite-Chalcopyrite Concentrate. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 396.	2.0	6
21	The dependence of intracellular ATP level on the nutrition mode of the acidophilic bacteria <i>Sulfobacillus thermotolerans</i> and <i>Alicyclobacillus tolerans</i> . <i>Microbiology</i> , 2007, 76, 654-662.	1.2	5
22	Regulation of metabolic pathways in sulfobacilli under different aeration regimes. <i>Microbiology</i> , 2010, 79, 147-152.	1.2	5
23	Specific characteristics of the strains isolated from a thermoacidophilic microbial community oxidizing antimony sulfide ore. <i>Microbiology</i> , 2011, 80, 70-81.	1.2	5
24	Leaching of pyrite-arsenopyrite concentrate in bioreactors during continuous cultivation of a thermoacidophilic microbial community. <i>Microbiology</i> , 2014, 83, 568-576.	1.2	5
25	Effect of Temperature on Biobeneficiation of Bulk Copper-Nickel Concentrate with Thermoacidophilic Microbial Communities. <i>Metals</i> , 2021, 11, 1969.	2.3	5
26	Optimization of bioleaching and oxidation of gold-bearing pyrite-arsenopyrite ore concentrate in batch mode. <i>Microbiology</i> , 2014, 83, 550-557.	1.2	4
27	Ferric Leaching of Bulk Sulfidic Concentrates with Biologically Generated Solution. <i>Applied Biochemistry and Microbiology</i> , 2021, 57, 493-499.	0.9	3
28	Strain polymorphism of the plasmid profiles in <i>Sulfobacillus</i> species. <i>Microbiology</i> , 2009, 78, 593-597.	1.2	2
29	Neutrophilic Microbial Community with High Rate of Elemental Sulfur Oxidation. <i>Advanced Materials Research</i> , 2015, 1130, 59-62.	0.3	2
30	Metabolic Potential of <i>Sulfobacillus thermotolerans</i> : Pathways for Assimilation of Nitrogen Compounds and the Possibility of Lithotrophic Growth in the Presence of Molecular Hydrogen. <i>Microbiology</i> , 2019, 88, 759-763.	1.2	2
31	Bulk flotation followed by selective leaching with biogenic ferric iron is a promising solution for eco-friendly processing of complex sulfidic ores. <i>Journal of Environmental Management</i> , 2022, 318, 115587.	7.8	2
32	Energy supply processes in moderately thermophilic bacteria of the genus <i>Sulfobacillus</i> . <i>Microbiology</i> , 2008, 77, 632-635.	1.2	0
33	Biochemical Aspects of Energy Metabolism in <i>Sulfobacillus thermotolerans</i> . <i>Solid State Phenomena</i> , 0, 262, 394-397.	0.3	0