

Nurgul Balci

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

952
citations

687363

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610901

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26
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26
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1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen and sulfur isotope systematics of sulfate produced by bacterial and abiotic oxidation of pyrite. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3796-3811.	3.9	328
2	Iron isotope fractionation during microbially stimulated Fe(II) oxidation and Fe(III) precipitation. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 622-639.	3.9	202
3	Kinetic oxygen isotope effects during dissimilatory sulfate reduction: A combined theoretical and experimental approach. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2011-2024.	3.9	89
4	Oxygen and sulfur isotope systematics of sulfate produced during abiotic and bacterial oxidation of sphalerite and elemental sulfur. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 335-351.	3.9	80
5	Obstetric Outcomes among Syrian Refugees: A Comparative Study at a Tertiary Care Maternity Hospital in Turkey. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2018, 40, 673-679.	0.8	35
6	Generation of Acid Mine Lakes Associated with Abandoned Coal Mines in Northwest Turkey. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 757-782.	4.1	23
7	Prediction of Acid Mine Drainage (AMD) and Metal Release Sources at the K ¹ / ₄ re Copper Mine Site, Kastamonu, NW Turkey. <i>Mine Water and the Environment</i> , 2018, 37, 56-74.	2.0	21
8	Evaluating abiotic and microbial factors on carbonate precipitation in Lake Acig ¹ / ₁ , a hypersaline lake in Southwestern Turkey. <i>Quaternary International</i> , 2018, 486, 116-128.	1.5	20
9	Reproducing Authigenic Carbonate Precipitation in the Hypersaline Lake Ac ¹ / ₁ g ¹ / ₁ (Turkey) with Microbial Cultures. <i>Geomicrobiology Journal</i> , 2016, 33, 758-773.	2.0	19
10	Biotic and Abiotic Imprints on Mg-Rich Stromatolites: Lessons from Lake Salda, SW Turkey. <i>Geomicrobiology Journal</i> , 2020, 37, 401-425.	2.0	19
11	Effect of bacterial activity on trace metals release from oxidation of sphalerite at low pH (<3) and implications for AMD environment. <i>Environmental Earth Sciences</i> , 2010, 60, 485-493.	2.7	17
12	Tetrathionate and Elemental Sulfur Shape the Isotope Composition of Sulfate in Acid Mine Drainage. <i>Frontiers in Microbiology</i> , 2017, 8, 1564.	3.5	14
13	Formation of Carbonate Nanoglobules by a Mixed Natural Culture under Hypersaline Conditions. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 122.	2.0	13
14	Recombinant production and characterization of a novel esterase from a hypersaline lake, Ac ¹ / ₁ g ¹ / ₁ , by metagenomic approach. <i>Extremophiles</i> , 2019, 23, 507-520.	2.3	13
15	Genetics and Genomics of Sulfate Respiration in <i>Desulfovibrio</i> . , 2008, , 1-12.		13
16	Distribution and Contamination of Heavy Metals in the Surface Sediments of Ambarl ¹ / ₁ Port Area (Istanbul, Turkey). <i>Ekoloji</i> , 2014, , 1-9.	0.4	9
17	Bacterial community composition of sediments from Artificial Lake Maslak, Istanbul, Turkey. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5641-5650.	2.7	6
18	Mercury distribution in the sediments of Ambarl ¹ / ₁ Port Area, Sea of Marmara (Turkey). <i>Chemistry and Ecology</i> , 2013, 29, 28-43.	1.6	5

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19	Investigation of Rotavirus with Various Methods in Children with Acute Gastroenteritis and Determination of Its Molecular Epidemiology in Kayseri Province, Turkey. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, e22030.	2.1	5
20	A modeling approach for calcium carbonate precipitation in a hypersaline environment: A case study from a shallow, alkaline lake. <i>Ecological Complexity</i> , 2019, 39, 100774.	2.9	5
21	Source and distribution of pyrite and inorganic sulfur isotopes in the Saray and Pınarhisar Coalfields, North Thrace Basin, Turkey. <i>International Journal of Coal Geology</i> , 2020, 227, 103533.	5.0	4
22	S and O isotope ratios of sulfate suggest enhanced monosulfides oxidation in a historical Pb-Zn mine site. <i>Applied Geochemistry</i> , 2021, 132, 105067.	3.0	4
23	Mineralogy, Geochemistry and Fluid Inclusion Data from the Tumanpınar Volcanic Rock-Hosted Fe-Mn-Ba Deposit, Balıkesir-Dursunbey, Turkey. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 120.	2.0	3
24	The Catalytic Effect of the Heterotrophic Bacterium <i>Virgibacillus marismortui</i> on Basaltic Rock Dissolution Under Excess Nutrient Conditions. <i>Geomicrobiology Journal</i> , 2021, 38, 315-328.	2.0	3
25	Sediment and water geochemistry record of water-rock interactions in King George Island, Antarctic Peninsula. <i>Antarctic Science</i> , 2022, 34, 58-78.	0.9	2