Siti Khodijah Chaerun

List of Publications by Year
in descending order

27	216	1478505 6	1058476 14
papers	citations	h-index	g-index

27	27	27	237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction between clay minerals and hydrocarbon-utilizing indigenous microorganisms in high concentrations of heavy oil: implications for bioremediation. Clay Minerals, 2005, 40, 105-114.	0.6	59
2	Indirect bioleaching of low-grade nickel limonite and saprolite ores using fungal metabolic organic acids generated by Aspergillus niger. Hydrometallurgy, 2017, 174, 29-37.	4.3	35
3	Biodesulfurization of organic sulfur in Tondongkura coal from Indonesia by multi-stage bioprocess treatments. Hydrometallurgy, 2017, 168, 84-93.	4.3	20
4	Bacteria incorporated with calcium lactate pentahydrate to improve the mortar properties and self-healing occurrence. Scientific Reports, 2020, 10, 17873.	3.3	18
5	Life in oil: Hydrocarbon-degrading bacterial mineralization in oil spill-polluted marine environment. Frontiers of Materials Science in China, 2008, 2, 120-133.	0.5	10
6	Use of Mixotrophic Bacteria as Flocculating Agents to Separate Iron from Red Mud (Alumina Refinery) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.3	7
7	Effects of Several Parameters on Nickel Extraction from Laterite Ore by Direct Bioelaching Using <i>Aspergillus niger </i>and Acid Rock Drainage from Coal Mine as an Organic Substrate. Advanced Materials Research, 0, 825, 356-359.	0.3	6
8	Recovery of Copper from Pyritic Copper Ores Using a Biosurfactant-Producing Mixotrophic Bacterium as Bioflotation Reagent. Solid State Phenomena, 2017, 262, 181-184.	0.3	6
9	Bioleaching of Indonesian Galena Concentrate With an Iron- and Sulfur-Oxidizing Mixotrophic Bacterium at Room Temperature. Frontiers in Microbiology, 2020, 11, 557548.	3.5	6
10	Tempeh Waste as a Natural, Economical Carbon and Nutrient Source: ED-XRF and NCS Study. HAYATI Journal of Biosciences, 2009, 16, 120-122.	0.4	5
11	Characterization of interaction of biosurfactant-producing bacteria with pyrite minerals as an alternative to depressant reagents in the bioflotation process of copper sulfide minerals that are more environmentally friendly. AIP Conference Proceedings, 2020, , .	0.4	5
12	Influence of indigenous mixotrophic bacteria on pyrite surface chemistry: Implications for bioflotation. Microbiology Indonesia, 2020, 14, 1.	0.3	5
13	Bioleaching of Supergene Porphyry Copper Ores from Sungai Mak Gorontalo of Indonesia by an Iron- and Sulfur-Oxidizing Mixotrophic Bacterium. Solid State Phenomena, 2017, 262, 20-23.	0.3	4
14	Biocorrosion Behavior of AISI 1006 Carbon Steel Protected by Biofilm of Bacillus subtilis by an Iron-Oxidizing Bacterium and a Sulfate-Reducing Bacterium. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	2.6	4
15	Utilization of a New Locally Isolated Bacterial Strain for Promoting Mechanical Properties of Mortar. International Journal of Civil Engineering, 2020, 18, 665-671.	2.0	4
16	A biosurfactant-producing and iron-oxidizing mixotrophic bacterium as an environmentally friendly reagent for eco-green flotation of Indonesian complex Pb-Zn ores. Minerals Engineering, 2021, 170, 106824.	4.3	4
17	Surface Modification of Galena Concentrate, Sphalerite Concentrate, and Silica by the Bacterium Citrobacter sp. and Its Application to Green Flotation of Complex Pbâ€“Zn Ores. Journal of Sustainable Metallurgy, 2021, 7, 1265-1279.	2.3	3
18	Bacterial Leaching of an Indonesian Complex Copper Sulfide Ore Using an Iron-Oxidizing Indigenous Bacterium. Microbiology Indonesia, 2018, 12, 1-6.	0.3	3

#	Article	IF	Citations
19	Effects of Individual Use, Mixed Culture and Sulfur Addition on the Effectiveness of Nickel Laterite Ore Bioelaching with <i>Penicillium verruculosum</i> and <i>Galactomyces geotrichum</i>. Advanced Materials Research, 0, 825, 380-383.	0.3	2
20	Organic Acid Biogeneration by Aspergillus niger and its Utilization for Indirect Bioleaching of Nickel Laterite Ore. Advanced Materials Research, 2015, 1130, 273-277.	0.3	2
21	Biooxidation of Carbonaceous Refractory Gold Ores by an Iron-Sulfur-Oxidizing Mixotrophic Bacterium at Neutral pH. Advanced Materials Research, 2015, 1130, 440-444.	0.3	2
22	Organic Sulfur Reduction on Lignite Coal Using Multistage Artificial Biotreatment (A-Bmt). Advanced Materials Research, 2015, 1130, 524-528.	0.3	1
23	FTIR Analysis on Organic Sulfur Distribution: Aliphatic Mercaptans in Lignite, Prior and after Multistage Artificial Biotreatment Process. Advanced Materials Research, 0, 1130, 503-506.	0.3	1
24	Assessment of Surface Properties of Silica-Bacterial Cell Complex: A Potential Application for Silicate Bioflotation Processes. Advanced Materials Research, 0, 1130, 515-518.	0.3	1
25	Possible Role of the Biosurfactant-Producing and Fe-S-Oxidizing Bacterium in Silicate and Sulfide Bioflotation Processes. Advanced Materials Research, 2015, 1130, 493-498.	0.3	1
26	Utilization of the Bacteria Bacillus pumilus and Citrobacter youngae as Flotation Bioreagents in the Microflotation of Chalcopyrite, Pyrite, and Silica. Microbiology Indonesia, 2016, 10, 15-22.	0.3	1
27	Selective Dissolution of Magnesium from Ferronickel Slag by Sulfur-Oxidizing Mixotrophic Bacteria at Room Temperature. Journal of Sustainable Metallurgy, 2022, 8, 1014-1025.	2.3	1