

M Sadegh Safarzadeh

List of Publications by Year in descending order

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papers

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23
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23
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219
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Trends in the Processing of Enargite Concentrates. Mineral Processing and Extractive Metallurgy Review, 2014, 35, 283-367.	5.0	44
2	Review of Recovery of Platinum Group Metals from Copper Leach Residues and Other Resources. Mineral Processing and Extractive Metallurgy Review, 2018, 39, 1-17.	5.0	40
3	An Update to "Recent Trends in the Processing of Enargite Concentrates" Mineral Processing and Extractive Metallurgy Review, 2014, 35, 390-422.	5.0	27
4	Acid bake-leach process for the treatment of enargite concentrates. Hydrometallurgy, 2012, 119-120, 30-39.	4.3	25
5	Alkali pug bake process for the decomposition of monazite concentrates. Minerals Engineering, 2017, 109, 32-41.	4.3	24
6	Solvent extraction and separation of Y(III) from sulfate, nitrate and chloride solutions using PC88A diluted in kerosene. Mineral Processing and Extractive Metallurgy Review, 2018, 39, 258-265.	5.0	17
7	The pyrometallurgy of enargite: A literature update. International Journal of Mineral Processing, 2016, 157, 103-110.	2.6	16
8	Reaction of enargite (Cu ₃ As ₄ S ₄) in hot concentrated sulfuric acid under an inert atmosphere. Part I: Enargite concentrate. International Journal of Mineral Processing, 2014, 128, 68-78.	2.6	12
9	Thermal removal of arsenic from copper concentrates: Three-dimensional isothermal predominance diagrams for the Cu-As-S-O system. Journal of Hazardous Materials, 2018, 347, 371-377.	12.4	11
10	Decomposition of monazite concentrate in sulphuric acid. Canadian Metallurgical Quarterly, 2018, 57, 422-433.	1.2	10
11	Analysis and visualization of enargite and tennantite roasting using Cu-As-S-O system predominance volume diagrams. Vacuum, 2018, 156, 78-90.	3.5	8
12	Thermodynamic Analysis of the Cu-As-S(O) System Relevant to Sulfuric Acid Baking of Enargite at 473K (200°C). Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 568-581.	2.1	7
13	The behavior of arsenic trioxide in non-ferrous extractive metallurgical processing. Metallurgical Research and Technology, 2014, 111, 95-105.	0.7	7
14	Reaction of enargite (Cu ₃ As ₄ S ₄) in hot concentrated sulfuric acid under an inert atmosphere. Part II: High-quality enargite. International Journal of Mineral Processing, 2014, 128, 79-85.	2.6	6
15	Understanding the Agglomeration Behavior of Selected Copper Ores Using Statistical Design of Experiments. Mineral Processing and Extractive Metallurgy Review, 2015, 36, 13-25.	5.0	6
16	New insights into the separation of Nd from Pr in hydrochloric and sulfuric acid solutions. Polyhedron, 2018, 153, 82-87.	2.2	6
17	Solvent extraction and molecular modeling studies of Dy(III) using acidic extractants. Journal of Molecular Liquids, 2020, 304, 112452.	4.9	6
18	Revisiting the Kellogg diagrams: roaster diagrams and their usefulness in pyrometallurgy. Mineral Processing and Extractive Metallurgy Review, 2018, 39, 191-197.	5.0	4

#	ARTICLE	IF	CITATIONS
19	A comparative study of the solvent extraction of lanthanum(III) from different acid solutions. Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy, 2021, 130, 90-97.	0.2	2
20	Effects of sulfuric acid dosage on the baking of an enargite concentrate. Mining, Metallurgy and Exploration, 2014, 31, 193-199.	0.8	0
21	Comments on "Kinetics of hydrochloric acid leaching of niobium from TiO ₂ residues". International Journal of Mineral Processing, 2017, 159, 69.	2.6	0
22	Predominance Area Diagrams Bounding the Cu-As-S-O System's 3D Predominance Diagram at 900 K (627 °C) Tj ETQq0 0 0 rgBT /Overl	0.8	0