

Qi-ming Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6202299/publications.pdf>

Version: 2024-02-01

89
papers

3,302
citations

109137

35
h-index

168136

53
g-index

90
all docs

90
docs citations

90
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of pyrogallol in flotation separation of scheelite from calcite. Separation Science and Technology, 2021, 56, 738-745.	1.3	9
2	The role of S(II) and Pb(II) in xanthate flotation of smithsonite: Surface properties and mechanism. Applied Surface Science, 2018, 442, 92-100.	3.1	51
3	Selective flotation of scheelite from calcite using calcium lignosulphonate as depressant. Minerals Engineering, 2018, 119, 73-75.	1.8	50
4	The role of calcium and carbonate ions in the separation of pyrite and talc. Minerals Engineering, 2018, 119, 205-211.	1.8	18
5	A novel technique for microcrystalline graphite beneficiation based on alkali-acid leaching process. Separation Science and Technology, 2018, 53, 982-989.	1.3	20
6	Carbon-coated cobalt oxide porous spheres with improved kinetics and good structural stability for long-life lithium-ion batteries. Journal of Colloid and Interface Science, 2018, 510, 368-375.	5.0	25
7	A simple and innovative route to remarkably enhance the photocatalytic performance of TiO ₂ : Using micro-meso porous silica nanofibers as carrier to support highly-dispersed TiO ₂ nanoparticles. Microporous and Mesoporous Materials, 2018, 258, 251-261.	2.2	37
8	Fabrication of magnetic Fe ₃ O ₄ /silica nanofiber composites with enhanced Fenton-like catalytic performance for Rhodamine B degradation. Journal of Materials Science, 2018, 53, 369-384.	1.7	50
9	Synthesis of magnetically separable MnO ₂ /Fe ₃ O ₄ /silica nanofiber composite with enhanced Fenton-like catalytic activity for degradation of Acid Red 73. Surface and Coatings Technology, 2018, 354, 18-27.	2.2	28
10	Investigations on flotation separation of scheelite from calcite by using a novel depressant: Sodium phytate. Minerals Engineering, 2018, 126, 116-122.	1.8	107
11	Improved hemimorphite flotation using xanthate as a collector with S(II) and Pb(II) activation. International Journal of Minerals, Metallurgy and Materials, 2018, 25, 849-860.	2.4	20
12	Surface-Modified Garnet Particles for Reinforcing Epoxy Composites. Minerals (Basel, Switzerland), 2018, 8, 217.	0.8	3
13	Different Flotation Performance of Ultrafine Scheelite under Two Hydrodynamic Cavitation Modes. Minerals (Basel, Switzerland), 2018, 8, 264.	0.8	23
14	Effect of Sodium Pyrophosphate on the Reverse Flotation of Dolomite from Apatite. Minerals (Basel, Switzerland), 2018, 8, 264.	0.8	34
15	Effect of temperature on floatability and adsorption behavior of fine wolframite with sodium oleate. Journal of Central South University, 2018, 25, 1582-1589.	1.2	11
16	Highly efficient fluoride adsorption from aqueous solution by nepheline prepared from kaolinite through alkali-hydrothermal process. Journal of Environmental Management, 2017, 196, 72-79.	3.8	42
17	Utilization of N-carboxymethyl chitosan as selective depressants for serpentine on the flotation of pyrite. International Journal of Mineral Processing, 2017, 163, 45-47.	2.6	41
18	Flotation separation of scheelite from calcite using mixed collectors. International Journal of Mineral Processing, 2017, 169, 106-110.	2.6	34

#	ARTICLE	IF	CITATIONS
19	The flotation separation of scheelite from calcite and fluorite using dextran sulfate sodium as depressant. International Journal of Mineral Processing, 2017, 169, 53-59.	2.6	62
20	Recovery Enhancement of Ultrafine Wolframite through Hydrophobic Floccs Magnetic Separation. Mineral Processing and Extractive Metallurgy Review, 2017, 38, 298-303.	2.6	10
21	Effect of energy input on flocculation process and flotation performance of fine scheelite using sodium oleate. Minerals Engineering, 2017, 112, 27-35.	1.8	47
22	The effect of sodium alginate on the flotation separation of scheelite from calcite and fluorite. Minerals Engineering, 2017, 113, 1-7.	1.8	131
23	Understanding the roles of Na ₂ S and Pb(II) in the flotation of hemimorphite. Minerals Engineering, 2017, 111, 167-173.	1.8	49
24	The Effect of Conditioning on the Flotation of Pyrrhotite in the Presence of Chlorite. Minerals (Basel, Switzerland), 2017, 7, 125.	0.8	18
25	The Effect of Quartz on the Flotation of Fine Wolframite with Octyl Hydroxamic Acid. Minerals (Basel, Switzerland), 2017, 7, 186.	0.8	6
26	The Influence of Backwater Al ³⁺ on Diaspore Bauxite Flotation. Minerals (Basel, Switzerland), 2017, 7, 195.	0.8	15
27	Insights into Alkali-Acid Leaching of Sericite: Dissolution Behavior and Mechanism. Minerals (Basel, Switzerland), 2017, 7, 195.	0.8	15
28	Preparation of high-purity graphite from a fine microcrystalline graphite concentrate: Effect of alkali roasting pre-treatment and acid leaching process. Separation Science and Technology, 2016, 51, 2465-2472.	1.3	35
29	The dissolution behavior and mechanism of kaolinite in alkali-acid leaching process. Applied Clay Science, 2016, 132-133, 273-280.	2.6	46
30	Synthesis and characterization of a novel nanofibrous TiO ₂ /SiO ₂ composite with enhanced photocatalytic activity. Materials Letters, 2016, 183, 175-178.	1.3	33
31	Effect of depressants in the selective flotation of scheelite and calcite using oxidized paraffin soap as collector. International Journal of Mineral Processing, 2016, 157, 210-215.	2.6	88
32	Flotation behavior and adsorption mechanism of fine wolframite with octyl hydroxamic acid. Journal of Central South University, 2016, 23, 1339-1344.	1.2	15
33	Metal values separation from residue generated in alkali fusion-leaching of copper anode slime. Hydrometallurgy, 2016, 165, 290-294.	1.8	22
34	Flotation Mechanism of Wolframite with Varied Components Fe/Mn. Mineral Processing and Extractive Metallurgy Review, 2016, 37, 34-41.	2.6	18
35	Effects of lead ions on the flotation of hemimorphite using sodium oleate. Minerals Engineering, 2016, 89, 163-167.	1.8	63
36	The relationship between the stability of emulsified diesel and flotation of graphite. Minerals Engineering, 2015, 78, 89-92.	1.8	28

#	ARTICLE	IF	CITATIONS
37	The effects of Ca(II) and Mg(II) ions on the flotation of spodumene using NaOL. Minerals Engineering, 2015, 79, 40-46.	1.8	80
38	Electrokinetic and flotation behaviors of hemimorphite in the presence of sodium oleate. Minerals Engineering, 2015, 84, 74-76.	1.8	32
39	Leaching behavior of metals from copper anode slime using an alkali fusion-leaching process. Hydrometallurgy, 2015, 157, 9-12.	1.8	68
40	Studies on interaction mechanism of fine wolframite with octyl hydroxamic acid. Minerals Engineering, 2015, 79, 133-138.	1.8	72
41	A novel magnetic 4A zeolite adsorbent synthesised from kaolinite type pyrite cinder (KTPC). Solid State Sciences, 2015, 39, 52-58.	1.5	37
42	A novel method to improve depressants actions on calcite flotation. Minerals Engineering, 2014, 55, 186-189.	1.8	36
43	The entrainment behaviour of sericite in microcrystalline graphite flotation. International Journal of Mineral Processing, 2014, 127, 1-9.	2.6	46
44	Recovery of vanadium from alkaline leaching solution from roasted stone coal. ScienceAsia, 2014, 40, 69.	0.2	13
45	Adsorption of Cu(II) ions from aqueous solutions on modified chrysotile: Thermodynamic and kinetic studies. Applied Clay Science, 2013, 80-81, 38-45.	2.6	29
46	Effect of solution conditions on depression of chlorite using CMC as depressant. Journal of Central South University, 2013, 20, 1034-1038.	1.2	6
47	Effect of solution chemistry on the flotation system of smithsonite and calcite. International Journal of Mineral Processing, 2013, 119, 34-39.	2.6	81
48	Novel transparent and flexible nanocomposite film prepared from chrysotile nanofibres. Materials Chemistry and Physics, 2013, 142, 412-419.	2.0	5
49	Study on washability of microcrystal graphite using float-sink tests. International Journal of Mining Science and Technology, 2013, 23, 855-861.	4.6	25
50	Influence of copper ions and calcium ions on adsorption of CMC on chlorite. Transactions of Nonferrous Metals Society of China, 2013, 23, 237-242.	1.7	30
51	The effect of PAX/CMC addition order on chlorite/pyrite separation. Minerals Engineering, 2013, 42, 9-12.	1.8	18
52	A new method of testing frother performance. Transactions of Nonferrous Metals Society of China, 2013, 23, 2776-2780.	1.7	12
53	Mechanisms of surface charge development of serpentine mineral. Transactions of Nonferrous Metals Society of China, 2013, 23, 1123-1128.	1.7	39
54	Effect of the lattice ions on the calcite flotation in presence of Zn(II). Minerals Engineering, 2013, 40, 24-29.	1.8	24

#	ARTICLE	IF	CITATIONS
55	Iron Oxide Red Pigment Prepared from Pyrite Cinders. <i>Journal of Applied Sciences</i> , 2013, 13, 4221-4225.	0.1	1
56	The effect of lizardite surface characteristics on pyrite flotation. <i>Applied Surface Science</i> , 2012, 259, 153-158.	3.1	41
57	Occurrence of lead and silver minerals and their interaction with xanthate in slurry of zinc electrolysis anode slime. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 1794-1800.	1.7	5
58	Electrokinetic properties of smithsonite and its floatability with anionic collector. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 410, 178-183.	2.3	67
59	The effect of conditioning methods and chain length of xanthate on the flotation of a nickel ore. <i>Minerals Engineering</i> , 2012, 39, 48-50.	1.8	28
60	Solution Chemistry of Sodium Silicate and Implications for Pyrite Flotation. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 12089-12094.	1.8	35
61	A novel method to limit the detrimental effect of serpentine on the flotation of pentlandite. <i>International Journal of Mineral Processing</i> , 2012, 114-117, 11-13.	2.6	35
62	Talc's serpentine interactions and implications for talc depression. <i>Minerals Engineering</i> , 2012, 32, 68-73.	1.8	55
63	The liberation effect of magnetite fine ground by vertical stirred mill and ball mill. <i>Minerals Engineering</i> , 2012, 34, 63-69.	1.8	27
64	Effect of sodium hexametaphosphate on separation of serpentine from pyrite. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 208-213.	1.7	87
65	Effect of surface dissolution on flotation separation of fine ilmenite from titanogite. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 1149-1154.	1.7	100
66	Kinetics of saprolitic laterite leaching by sulphuric acid at atmospheric pressure. <i>Minerals Engineering</i> , 2010, 23, 458-462.	1.8	84
67	Acid leaching of vanadium from roasted residue of stone coal. <i>Transactions of Nonferrous Metals Society of China</i> , 2010, 20, s107-s111.	1.7	34
68	Desiliconisation of alkaline leaching solution of roasted stone coal with carbonation method. <i>Transactions of Nonferrous Metals Society of China</i> , 2010, 20, s132-s135.	1.7	11
69	A Comparative Study of Recovering Fine Scheelite in Tailings by Flotation Cell and Flotation Column. <i>Journal of Solid Waste Technology and Management</i> , 2010, 36, 61-68.	0.2	10
70	Kinetics of nickel leaching from roasting-dissolving residue of spent catalyst with sulfuric acid. <i>Central South University</i> , 2009, 16, 410-415.	0.5	18
71	Fast dissolution of nickel from a lizardite-rich saprolitic laterite by sulphuric acid at atmospheric pressure. <i>Hydrometallurgy</i> , 2009, 96, 171-175.	1.8	45
72	Studies on recovery of vanadium from desilication residue obtained from processing of a spent catalyst. <i>Hydrometallurgy</i> , 2009, 96, 166-170.	1.8	34

#	ARTICLE	IF	CITATIONS
73	Surface modification of magnesium hydroxide by γ -aminopropyltriethoxysilane. Central South University, 2008, 15, 318-323.	0.5	11
74	Chemical Precipitation Synthesis and Optical Properties of ZnO/SiO ₂ Nanocomposites. Journal of the American Ceramic Society, 2008, 91, 1591-1596.	1.9	42
75	Preparation and characterization of amorphous silica nanowires from natural chrysotile. Journal of Non-Crystalline Solids, 2007, 353, 1534-1539.	1.5	88
76	Influence of calcination atmosphere on photocatalytic reactivity of K ₂ La ₂ Ti ₃ O ₁₀ for water splitting. Transactions of Nonferrous Metals Society of China, 2007, 17, 836-840.	1.7	9
77	Physicochemical dispersion of chrysotile. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 301, 341-345.	2.3	13
78	Selective leaching of a high-iron cobalt matte at atmospheric pressure. Separation and Purification Technology, 2007, 53, 1-7.	3.9	6
79	Disintegration mode of bauxite and selective separation of Al and Si. Minerals Engineering, 2007, 20, 200-203.	1.8	10
80	An environmentally-friendly technology of vanadium extraction from stone coal. Minerals Engineering, 2007, 20, 1184-1186.	1.8	144
81	Influencing factors of pyrite leaching in germ-free system. Central South University, 2007, 14, 28-31.	0.5	4
82	Study on the structure of Bayer liquor with spectroscopy and MD simulation. Chemical Physics Letters, 2006, 422, 406-411.	1.2	15
83	Investigations on the extraction of molybdenum and vanadium from ammonia leaching residue of spent catalyst. International Journal of Mineral Processing, 2006, 79, 42-48.	2.6	126
84	New technique of comprehensive utilization of spent Al ₂ O ₃ -based catalyst. Central South University, 2006, 13, 151-155.	0.5	15
85	Research on the recycling of valuable metals in spent Al ₂ O ₃ -based catalyst. Minerals Engineering, 2006, 19, 94-97.	1.8	66
86	Adsorption of polysaccharide onto talc. Minerals Engineering, 2006, 19, 147-153.	1.8	51
87	THE FLOTATION SEPARATION OF CHALCOPYRITE-PYRITE IN THE PRESENCE OF SODIUM HUMATE. , 2004, , .		1
88	ADSORPTION AND SEPARATION BEHAVIOR OF COBALT, NICKEL, AND COPPER IN NITRITE MEDIUM BY ANION EXCHANGER. Solvent Extraction and Ion Exchange, 2002, 20, 561-573.	0.8	8
89	A novel collector RL for flotation of bauxite. Central South University, 2002, 9, 21-24.	0.5	28