Miao Chen

List of Publications by Year
in descending order

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157	4,381	136950	128289
papers	citations	32 h-index	60 g-index

159	159	159	5688
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial Extracellular Polysaccharides Involved in Biofilm Formation. Molecules, 2009, 14, 2535-2554.	3.8	859
2	Preparation and self-assembly of carboxylic acid-functionalized silica. Journal of Colloid and Interface Science, 2007, 311, 507-513.	9.4	222
3	Alumina nanowire forests via unconventional anodization and super-repellency plus low adhesion to diverse liquids. Chemical Communications, 2009, , 1043.	4.1	188
4	Novel Single-Source Precursors Approach to Prepare Highly Uniform Bi2S3and Sb2S3Nanorods via a Solvothermal Treatment. Chemistry of Materials, 2007, 19, 872-878.	6.7	146
5	Community structure and dynamics of the free and attached microorganisms during moderately thermophilic bioleaching of chalcopyrite concentrate. Bioresource Technology, 2010, 101, 7068-7075.	9.6	105
6	Preparation of super-hydrophobic surface on stainless steel. Applied Surface Science, 2008, 255, 3459-3462.	6.1	88
7	Bioleaching of low-grade waste printed circuit boards by mixed fungal culture and its community structure analysis. Resources, Conservation and Recycling, 2018, 136, 267-275.	10.8	76
8	Characterization of extracellular polymeric substances extracted during the bioleaching of chalcopyrite concentrate. Hydrometallurgy, 2010, 100, 177-180.	4.3	72
9	Study of the kinetics of pyrite oxidation under controlled redox potential. Hydrometallurgy, 2015, 155, 13-19.	4.3	69
10	Synchrotron-based XPS and NEXAFS study of surface chemical species during electrochemical oxidation of chalcopyrite. Hydrometallurgy, 2015, 156, 89-98.	4.3	66
11	Size Control of Monodisperse Copper Sulfide Faceted Nanocrystals and Triangular Nanoplates. Journal of Physical Chemistry C, 2007, 111, 9658-9663.	3.1	65
12	The shift of microbial community under the adjustment of initial and processing pH during bioleaching of chalcopyrite concentrate by moderate thermophiles. Bioresource Technology, 2014, 162, 300-307.	9.6	65
13	A facile approach to formation of through-hole porous anodic aluminum oxide film. Materials Letters, 2005, 59, 40-43.	2.6	64
14	Synthesis of Nd2O3 nanopowders by solâ€“gel auto-combustion and their catalytic esterification activity. Materials Chemistry and Physics, 2004, 84, 52-57.	4.0	61
15	Electrochemical impedance spectroscopy study of Ta2O5 based EIOS pH sensors in acid environment. Sensors and Actuators B: Chemical, 2014, 192, 399-405.	7.8	61
16	Superhydrophobic surface from Cuâ€“Zn alloy by one step O2 concentration dependent etching. Journal of Colloid and Interface Science, 2008, 326, 478-482.	9.4	60
17	Preparation of PbO nanoparticles by microwave irradiation and their application to Pb(II)-selective electrode based on cellulose acetate. Materials Chemistry and Physics, 2005, 90, 262-269.	4.0	58
18	Recycling of metals from pretreated waste printed circuit boards effectively in stirred tank reactor by a moderately thermophilic culture. Journal of Bioscience and Bioengineering, 2017, 123, 714-721.	2.2	57

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19	Column bioleaching of uranium embedded in granite porphyry by a mesophilic acidophilic consortium. Bioresource Technology, 2011, 102, 4697-4702.	9.6	55
20	Early stage adsorption behaviour of Acidithiobacillus ferrooxidans on minerals I: An experimental approach. Hydrometallurgy, 2012, 119-120, 87-94.	4.3	55
21	Co3O4 needles on Au honeycomb as a non-invasive electrochemical biosensor for glucose in saliva. Biosensors and Bioelectronics, 2019, 141, 111479.	10.1	54
22	Preparation and characterization of Mg nanoparticles. Materials Characterization, 2008, 59, 514-518.	4.4	47
23	A copper and iron K-edge XANES study on chalcopyrite leached by mesophiles and moderate thermophiles. Minerals Engineering, 2013, 48, 31-35.	4.3	45
24	Preparation and characterization of ZrO2 thin film on sulfonated self-assembled monolayer of 3-mercaptopropyl trimethoxysilane. Applied Surface Science, 2004, 221, 272-280.	6.1	44
25	Electrochemical behaviour of massive chalcopyrite electrodes bioleached by moderately thermophilic microorganisms at 48Â°C. Hydrometallurgy, 2011, 105, 259-263.	4.3	43
26	Effect of iron concentration on the crystallization and electronic structure of sphalerite/marmatite: A DFT study. Minerals Engineering, 2019, 136, 168-174.	4.3	43
27	Fabrication of Conducting Polymer and Complementary Gold Microstructures Using Polymer Brushes as Templates. Advanced Functional Materials, 2003, 13, 938-942.	14.9	42
28	Preparation and characterization of uniform polyaniline nano-fibrils using the anodic aluminum oxide template. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 328, 33-38.	5.6	37
29	Fabrication of Positively Patterned Conducting Polymer Microstructures via One-Step Electrodeposition. Advanced Materials, 2003, 15, 1367-1370.	21.0	34
30	Determination of trace europium based on new ternary fluorimetric enhancement system of europium(III) with thenoyltrifluoroacetone and trisalicylicamido triethylamine. Analyst, The, 1998, 123, 1745-1748.	3.5	33
31	Extracellular DNA enhances the adsorption of Sulfobacillus thermosulfidooxidans strain ST on chalcopyrite surface. Hydrometallurgy, 2018, 176, 97-103.	4.3	33
32	A simple route to synthesize size-controlled Ag₂S coreâ€“shell nanocrystals, and their self-assembly. Nanotechnology, 2008, 19, 225607.	2.6	32
33	Synchrotron X-ray photoelectron spectroscopic study of the chalcopyrite leached by moderate thermophiles and mesophiles. Minerals Engineering, 2014, 69, 185-195.	4.3	32
34	XANES and XRD study of the effect of ferrous and ferric ions on chalcopyrite bioleaching at 30 Â°C and 48 Â°C. Minerals Engineering, 2015, 70, 99-108.	4.3	31
35	Determination of trace europium based on new fluorimetric system of europium(III) with thenoyltrifluoroacetone and N,Nâ€²-dinaphthyl-N,Nâ€²-diphenyl-3,6-dioxaoctanediamide. Talanta, 1998, 46, 527-532.	5.5	30
36	Micro-patterns of Au@SiO2 core-shell nanoparticles formed by electrostatic interactions. Applied Surface Science, 2008, 254, 1684-1690.	6.1	30

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37	Detection and analysis of attached microorganisms on the mineral surface during bioleaching of pure chalcopyrite with moderate thermophiles. Hydrometallurgy, 2011, 106, 46-50.	4.3	30
38	A novel way to prepare ultra-thin polymer films through surface radical chain-transfer reaction. Chemical Communications, 2001, , 2446-2447.	4.1	28
39	Refractive index of sparse layers of adsorbed gold nanoparticles. Journal of Colloid and Interface Science, 2007, 315, 814-817.	9.4	28
40	Separation of Anodic Peaks of Ascorbic Acid and Dopamine at 4-Hydroxy-2-mercapto-6-methylpyrimidine Modified Gold Electrode. Electroanalysis, 1998, 10, 477-479.	2.9	27
41	Binary oppositely charged polyelectrolyte brushes for highly selective electroless deposition of bimetallic patterns. Electrochemistry Communications, 2009, 11, 492-495.	4.7	27
42	Mercury Vapor Sorption and Amalgamation with a Thin Gold Film. ACS Applied Materials & Interfaces, 2015, 7, 23172-23181.	8.0	27
43	Isolation and identification of Penicillium chrysogenum strain Y5 and its copper extraction characterization from waste printed circuit boards. Journal of Bioscience and Bioengineering, 2018, 126, 78-87.	2.2	27
44	Preparation and self-lubrication treatment of ordered porous anodic alumina film. Materials Chemistry and Physics, 2003, 82, 370-374.	4.0	25
45	Study on Two-Component Matrix Formed by Coadsorption of Aromatic and Long Chain Mercaptans on Gold. Journal of Physical Chemistry B, 2000, 104, 28-36.	2.6	24
46	Electrochemical synthesis of polydiphenylamine nanofibrils through AAO template. Materials Chemistry and Physics, 2005, 91, 518-523.	4.0	24
47	A Simple and â€˜Greenâ€™ Synthesis of Polymerâ€Based Silver Colloids and Their Antibacterial Properties. Chemistry and Biodiversity, 2009, 6, 111-116.	2.1	23
48	Synthesis of Hexanedithiolate/Decanethiolate Mixed Monolayer Protected Gold Clusters and Scanning Tunneling Microscope Tip Induced Patterning on the Clusters/Au(111) Surface. Langmuir, 2002, 18, 4124-4130.	3.5	22
49	Scanning electrochemical microscopy studies of micropatterned copper sulfide (CuxS) thin films fabricated by a wet chemistry method. Electrochimica Acta, 2011, 56, 5016-5021.	5.2	22
50	A XANES and XRD study of chalcopyrite bioleaching with pyrite. Minerals Engineering, 2016, 89, 157-162.	4.3	22
51	Colloidal gold in sulphur and citrate-bearing hydrothermal fluids: An experimental study. Ore Geology Reviews, 2019, 114, 103142.	2.7	22
52	Study of the leaching and pore evolution in large particles of a sulfide ore. Hydrometallurgy, 2020, 192, 105261.	4.3	22
53	Electrochemical synthesis and electrochemical behavior of highly ordered polyaniline nanofibrils through AAO templates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 363-368.	4.7	21
54	Fabrication of patterned gold microstructure by selective electroless plating. Applied Surface Science, 2005, 240, 24-27.	6.1	21

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55	The effect of chloride ions on the electrochemical dissolution of chalcopyrite in sulfuric acid solutions. Electrochimica Acta, 2017, 253, 257-267.	5.2	21
56	Hydrophobation and self-assembly of core-shell Au@SiO2 nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 302, 383-387.	4.7	20
57	The effect of thermal pre-treatment on the dissolution of chalcopyrite (CuFeS2) in sulfuric acid media. Hydrometallurgy, 2017, 169, 68-78.	4.3	20
58	Effect of Zn Powders on the Thermal Decomposition of Ammonium Perchlorate. Propellants, Explosives, Pyrotechnics, 2008, 33, 261-265.	1.6	19
59	Oxygen consumption upon electrochemically polarised zinc. Journal of Applied Electrochemistry, 2014, 44, 747-757.	2.9	19
60	Enrichment of ferric iron on mineral surface during bioleaching of chalcopyrite. Transactions of Nonferrous Metals Society of China, 2016, 26, 544-550.	4.2	19
61	Extracellular polymeric substances (EPS) secreted byPurpureocillium lilacinumstrain Y3 promote biosynthesis of jarosite. RSC Advances, 2018, 8, 22635-22642.	3.6	19
62	Preparation of polystyrene brush film by radical chain-transfer polymerization and micromechanical properties. Applied Surface Science, 2008, 255, 2295-2302.	6.1	18
63	Preparation and tribological studies of self-assembled triple-layer films. Thin Solid Films, 2009, 517, 3752-3759.	1.8	18
64	Preparation and characterization of arachidic acid self-assembled monolayers on glass substrate coated with solâ€“gel Al2O3 thin film. Surface and Coatings Technology, 2004, 176, 229-235.	4.8	17
65	A direct observation of bacterial coverage and biofilm formation byAcidithiobacillus ferrooxidanson chalcopyrite and pyrite surfaces. Biofouling, 2015, 31, 575-586.	2.2	17
66	Manipulation of the ultimate pattern of polypyrrole film on self-assembled monolayer patterned substrate by negative or positive electrodeposition. Surface Science, 2004, 561, 1-10.	1.9	16
67	The Effect of Electrodeposition Parameters and Morphology on the Performance of Au Nanostructures for the Detection of As (III). Journal of the Electrochemical Society, 2017, 164, H1121-H1128.	2.9	16
68	A review of Preg-robbing and the impact of chloride ions in the pressure oxidation of double refractory ores. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 69-96.	5.0	16
69	Site selective micro-patterned rutile TiO2 film through a seed layer deposition. Journal of Colloid and Interface Science, 2007, 311, 194-202.	9.4	15
70	Synthesis of high-luminescent cadmium sulfide nanocrystallites by a novel single-source precursor route. Materials Letters, 2007, 61, 3612-3615.	2.6	15
71	Preparation and characterization of polypyrrole/TiO₂ nanocomposite and its photocatalytic activity under visible light irradiation. Journal of Materials Research, 2009, 24, 2547-2554.	2.6	15
72	Fabrication and characterization of positive and negative copper sulfide micropatterns on self-assembled monolayers. Journal of Colloid and Interface Science, 2009, 332, 32-38.	9.4	15

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73	Fabrication of patterned polyaniline microstructure through microcontact printing and electrochemistry. Applied Surface Science, 2004, 230, 131-137.	6.1	14
74	Reversible hydration and dehydration of polyanionic brushes bearing carboxylate, phosphate and sulfonate side groups: a comparative AFM study. Physical Chemistry Chemical Physics, 2008, 10, 7180.	2.8	14
75	Investigation of Cuâ€“S intermediate species during electrochemical dissolution and bioleaching of chalcopyrite concentrate. Hydrometallurgy, 2013, 134-135, 158-165.	4.3	14
76	A scanning electrochemical microscopy (SECM) study of the interfacial solution chemistry at polarised chalcopyrite (CuFeS2) and chalcocite (Cu2S). Electrochemistry Communications, 2020, 115, 106730.	4.7	14
77	The galvanic effect of pyrite enhanced (bio)leaching of enargite (Cu3AsS4). Hydrometallurgy, 2021, 202, 105613.	4.3	14
78	Electrochemical studies on dissolution and passivation behavior of low temperature bioleaching of chalcopyrite by Acidithiobacillus ferrivorans YL15. Minerals Engineering, 2020, 155, 106416.	4.3	14
79	An XAS study of silver species evolution in silver-catalysed chalcopyrite bioleaching. Hydrometallurgy, 2019, 186, 252-259.	4.3	13
80	Exploration of potential jarosite biomineralization mechanism based on extracellular polymer substances of Purpureocillium lilacinum Y3. International Biodeterioration and Biodegradation, 2020, 150, 104941.	3.9	13
81	Aqueous gold sols of rod-shaped particles prepared by the template method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 180, 55-62.	4.7	12
82	Preparation of silane-terminated polystyrene and polymethylmethacrylate self-assembled films on silicon wafer. Journal of Applied Polymer Science, 2004, 92, 1695-1701.	2.6	12
83	In situsynchrotron X-ray diffraction investigation ofÂthe evolution of a PbO2/PbSO4surface layer onÂaÂcopper electrowinning Pb anode in a novel electrochemical flow cell. Journal of Synchrotron Radiation, 2015, 22, 366-375.	2.4	12
84	Identification and Analysis of a Novel Gene Cluster Involves in Fe2+ Oxidation in Acidithiobacillus ferrooxidans ATCC 23270, a Typical Biomining Acidophile. Current Microbiology, 2018, 75, 818-826.	2.2	12
85	Chalcopyrite leaching in ammonium chloride solutions under ambient conditions: Insight into the dissolution mechanism by XANES, Raman spectroscopy and electrochemical studies. Minerals Engineering, 2021, 170, 107063.	4.3	12
86	Preparation and tribological investigation of thin silicone films. Journal of Materials Research, 2002, 17, 2357-2362.	2.6	11
87	Application of the kinetic and isotherm models for better understanding of the mechanism of biomineralization process induced by Purpureocillium lilacinum Y3. Colloids and Surfaces B: Biointerfaces, 2019, 181, 207-214.	5.0	11
88	Thermolysis of Dialkyl Dithiophosphates in Porous Anodic Alumina Template: A Versatile Route to Produce Semiconductor Metal Sulfide Nanowires. Chemistry Letters, 2006, 35, 850-851.	1.3	10
89	Electrochemical and photochemical characterization of novel ferrocenylâ€“azobenzene labeled PNA monomers for DNA detection. Inorganic Chemistry Communication, 2008, 11, 392-395.	3.9	10
90	Property and application of novel ferrocenylâ€“azobenzene labeled peptide nucleic acid monomers with the dual stimulusâ€“response characteristics. Inorganica Chimica Acta, 2009, 362, 4174-4178.	2.4	10

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91	An investigation of biooxidation ability of Acidithiobacillus ferrooxidans using NMR relaxation measurement. Bioresource Technology, 2011, 102, 9143-9147.	9.6	10
92	Evolution ofSulfobacillus thermosulfidooxidanssecreting alginate during bioleaching of chalcopyrite concentrate. Journal of Applied Microbiology, 2017, 122, 1586-1594.	3.1	10
93	Microstructure evolution of low-grade chalcopyrite ores in chloride leaching - A synchrotron-based X-ray CT approach combined with a data-constrained modelling (DCM). Hydrometallurgy, 2019, 188, 1-13.	4.3	10
94	The Preparation of a AuCN/Prussian Blue Nanocube Composite through Galvanic Replacement Enhances Stability for Electrocatalysis.. ChemistrySelect, 2017, 2, 5333-5340.	1.5	9
95	An in-situ synchrotron XAS study on the evolution of aqueous arsenic species in acid pressure leaching. Hydrometallurgy, 2018, 175, 11-19.	4.3	9
96	Preparation of Au nanoparticles on a magnetically responsive support via pyrolysis of a Prussian blue composite. Journal of Colloid and Interface Science, 2019, 540, 563-571.	9.4	9
97	A novel polysaccharides-based bioflocculant produced by Bacillus subtilis ZHX3 and its application in the treatment of multiple pollutants. Chemosphere, 2022, 289, 133185.	8.2	9
98	The effect of curing on arsenic precipitation and kinetic study of pressure oxidation of pyrite and arsenopyrite. Minerals Engineering, 2022, 185, 107675.	4.3	9
99	Expression of Critical Sulfur- and Iron-Oxidation Genes and the Community Dynamics During Bioleaching of Chalcopyrite Concentrate by Moderate Thermophiles. Current Microbiology, 2015, 71, 62-69.	2.2	8
100	Influence diversity of extracellular DNA on bioleaching chalcopyrite and pyrite by Sulfobacillus thermosulfidooxidans ST. Journal of Central South University, 2020, 27, 1466-1476.	3.0	8
101	A comparative bio-oxidative leaching study of synthetic U-bearing minerals: Implications for mobility and retention. Journal of Hazardous Materials, 2021, 403, 123914.	12.4	8
102	Fabrication and Electrochemical Behavior Investigation of a Polypyrrole/4-Hydroxy-6-methyl-2-mercaptopyrimidine Comodified Gold Electrode. Journal of Colloid and Interface Science, 1999, 209, 421-427.	9.4	7
103	Selective Electrodeposition and Etching on Polymer Brush Template Prepared by Patterned Monolayer Surface Initiated Polymerization. Chemistry Letters, 2004, 33, 602-603.	1.3	7
104	Deposition behaviors and patterning of TiO2 thin films on different SAMs surfaces from titanium sulfate aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 324, 137-142.	4.7	7
105	Preparation of a 2024Al-Based Super-Hydrophobic Surface. Journal of Dispersion Science and Technology, 2009, 30, 48-50.	2.4	7
106	On-line detection of Cu (II) in bioleaching system by anodic stripping differential pulse voltammetry. Transactions of Nonferrous Metals Society of China, 2014, 24, 582-587.	4.2	7
107	Effects of processing pH stimulation on cooperative bioleaching of chalcopyrite concentrate by free and attached cells. Transactions of Nonferrous Metals Society of China, 2016, 26, 2220-2229.	4.2	7
108	Kinetics of uranium extraction from coffiniteâ€"A comparison with other common uranium minerals. Transactions of Nonferrous Metals Society of China, 2018, 28, 2135-2142.	4.2	7

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109	In Situ Electrochemical Investigation of Pyrite Assisted Leaching of Chalcopyrite. Journal of the Electrochemical Society, 2018, 165, H813-H819.	2.9	7
110	Extraction and characterization of extracellular polymeric substances from a mixed fungal culture during the adaptation process with waste printed circuit boards. Environmental Science and Pollution Research, 2019, 26, 22137-22146.	5.3	7
111	Thermodynamic analysis of the immobilisation of arsenic during the pressure oxidation and curing processes. Minerals Engineering, 2022, 185, 107681.	4.3	7
112	Adsorption of amideâ€containing alkanethiols on gold. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 701-703.	0.9	6
113	Binary Reactive/Inert Nonâ€Fouling Polymeric Surfaces. Macromolecular Rapid Communications, 2008, 29, 1937-1943.	3.9	6
114	Application of peptide nucleic acids containing azobenzene self-assembled electrochemical biosensors in detecting DNA sequences. Science in China Series B: Chemistry, 2009, 52, 1009-1013.	0.8	6
115	Hypersensitivity and its application to structural analysis of lanthanide complexes. Chinese Journal of Chemistry, 1997, 15, 49-53.	4.9	6
116	Electrochemical and spectroscopic analysis of enargite (Cu3AsS4) dissolution mechanism in sulfuric acid solution. Hydrometallurgy, 2020, 194, 105346.	4.3	6
117	The impacts of pyrite/pyrrhotite on aqueous arsenic species in arsenopyrite pressure leaching: An XAS study. Minerals Engineering, 2020, 155, 106447.	4.3	6
118	The Fate of the Arsenic Species in the Pressure Oxidation of Refractory Gold Ores: Practical and Modelling Aspects. Mineral Processing and Extractive Metallurgy Review, 2023, 44, 155-187.	5.0	6
119	Micro-patterning of TiO2 thin films by photovoltaic effect on silicon substrates. Thin Solid Films, 2008, 516, 3058-3061.	1.8	5
120	Surface Analysis of Materials in Aqueous Solution by Localized Alternating Current Impedance Measurements. Analytical Chemistry, 2012, 84, 7622-7625.	6.5	5
121	Comparison of bioleaching of chalcopyrite concentrates with mixed culture after cryopreservation with PEG-2000 in liquid nitrogen. Journal of Central South University, 2020, 27, 1386-1394.	3.0	5
122	Vibrating boron-doped diamond electrode: A new, durable and highly sensitive tool for the detection of cadmium. Analytica Chimica Acta, 2021, 1188, 339166.	5.4	5
123	Influence of nitrogen ion implantation on tribological properties of nanocrystalline diamond films. Journal Physics D: Applied Physics, 2002, 35, 788-793.	2.8	4
124	Patterned self-assembled film guided electrodeposition. Science in China Series B: Chemistry, 2004, 47, 120.	0.8	4
125	Self-Assembled Monolayers on Mercury Probed in a Modified Surface Force Apparatus. Journal of Physical Chemistry B, 2006, 110, 25931-25940.	2.6	4
126	Interactions of 1-hexyl-3-methylimidazolium Bromide with Acetone. Chinese Journal of Chemical Physics, 2006, 19, 447-450.	1.3	4

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127	Microstructure evolution of chalcopyrite agglomerates during leaching â€“ A synchrotron-based X-ray CT approach combined with a data-constrained modelling (DCM). Hydrometallurgy, 2021, 201, 105586.	4.3	4
128	Optimization and Characterization of an Antioxidant Exopolysaccharide Produced by Cupriavidus pauculus 1490. Journal of Polymers and the Environment, 2022, 30, 2077-2086.	5.0	4
129	The Direct Leaching of Nickel Sulfide Flotation Concentrates â€“ A Historic and State-of-the-Art Review Part I: Piloted Processes and Commercial Operations. Mineral Processing and Extractive Metallurgy Review, 2023, 44, 407-435.	5.0	4
130	Textured Al2024 alloy surface for super-hydrophobicity investigation. Applied Surface Science, 2008, 254, 2203-2206.	6.1	3
131	Preparation and micro-mechanical studies of polysiloxane-containing dual-layer film on Au surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 346, 75-82.	4.7	3
132	An XPS and XANES Study on the Bioleaching of Arsenopyrite with or without Pyrite. Solid State Phenomena, 0, 262, 53-56.	0.3	3
133	The phase definition and electrochemical property of cobalt-oxide nanoclusters supported on structured carbons. Materials Letters, 2020, 271, 127788.	2.6	3
134	Combined SECM and spectroscopy investigation of the interfacial chemistry of chalcopyrite during anodic oxidation. Electrochimica Acta, 2022, 419, 140393.	5.2	3
135	Development of an Oscillopolarographic Method for Rhodium via Examination of the Catalytic Hydrogen Waves of the Rh(III)-2-(3,5-Dibromo-2-pyridylazo)-5-diethylaminophenol Complex System. Analytical Letters, 1997, 30, 1211-1222.	1.8	2
136	f-f Transitional Spectral Analysis of Yb(DPA)₃ ³⁻Complex. Spectroscopy Letters, 1997, 30, 367-378.	1.0	2
137	Electrochemical polymerization films of patterned polyaniline on Si(100) surface with microcontact printing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 117-122.	4.7	2
138	Preparation of SnO2 Nanocrystals by Microwave Irradiation and Their Catalytic Activity. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2005, 35, 669-676.	0.6	2
139	The hybridization between peptide nucleic acid containing azobenzene and DNA labeled nanoparticle on chip surfaces studied by atomic force microscopy. Science Bulletin, 2008, 53, 3077-3080.	9.0	2
140	Preparation of ZnO Film on 2024Al Surface for Hydrophobicity Investigation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 46, 202-204.	2.2	2
141	Synthesis and photo-activity of peptide nucleic acids containing an azobenzene unit. Science Bulletin, 2009, 54, 4753-4755.	9.0	2
142	Cu2+, Fe2+ and Fe3+ analysis of bioleaching solutions using chronoamperometry and BDD electrode. Journal of Applied Electrochemistry, 2014, 44, 1135-1143.	2.9	2
143	The Direct Leaching of Nickel Sulfide Flotation Concentrates â€“ A Historic and State-of-the-Art Review Part III: Laboratory Investigations into Atmospheric Leach Processes. Mineral Processing and Extractive Metallurgy Review, 0, , 1-21.	5.0	2
144	The Direct Leaching of Nickel Sulfide Flotation Concentrates - A Historic and State-of-the-Art Review Part II: Laboratory Investigations into Pressure Leaching. Mineral Processing and Extractive Metallurgy Review, 2023, 44, 451-473.	5.0	2

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145	Preparation and Tribological Behavior of Perfluoropolyether Lubricant Film on ZrO2 Thin Film. International Journal of Nonlinear Sciences and Numerical Simulation, 2002, 3, .	1.0	1
146	Synthesis and photo-activity of phenylazonaphthalene peptide nucleic acid monomers. Chinese Chemical Letters, 2008, 19, 807-810.	9.0	1
147	Effect of Surface Structure on Wettability of TiO2 Nanofibrils Prepared in Aluminum Oxide Template. Chemistry Letters, 2008, 37, 606-607.	1.3	1
148	Effect of pyrite on the electrochemical behavior of chalcopyrite at different potentials in pH 1.8 H₂SO₄. Journal of Chemical Research, 2019, 43, 493-502.	1.3	1
149	A Sulfur K-Edge XANES and Raman Study on the Effect of Chloride Ion on Bacterial and Chemical Leaching of Chalcopyrite at 25ÂÂ°C. Mining, Metallurgy and Exploration, 2019, 36, 343-352.	0.8	1
150	Studies on Polarographic Adsorptive Wave of the System of the Rare Earth (III)-Copper(Ii)-M-Trifluomethyl Chlorophosphonazo. Analytical Letters, 1995, 28, 2673-2682.	1.8	0
151	STM STUDY OF A SELF-ASSEMBLY BEHAVIOR OF PHTHALOCYANINE AND 1-BROMOHEXADECANE ON HIGHLY ORIENTED PYROLYTIC GRAPHITE. International Journal of Nanoscience, 2006, 05, 877-882.	0.7	0
152	Template Fabrication of Novel Structure of Polypyrrole Nanotubules Inner-embedded with Gold Nanoparticles. Chemistry Letters, 2007, 36, 1286-1287.	1.3	0
153	Micropatterned Film of Silica-coated Gold Nanoparticles Formed by Covalent Bonds. Chemistry Letters, 2007, 36, 686-687.	1.3	0
154	A novel approach to large-scale formation of through-hole porous anodic aluminum template. Chinese Chemical Letters, 2008, 19, 1371-1374.	9.0	0
155	Patterned Copper Sulfide Thin Films: a Method for Studying Leaching Behaviour. Australian Journal of Chemistry, 2017, 70, 26.	0.9	0
156	Characterization and Localized Insight into Leaching of Sulfide Minerals. Solid State Phenomena, 0, 262, 261-264.	0.3	0
157	Characterization of Preg-Robbing Carbonaceous Minerals from the Shuiyindong Carlin-Type Gold Deposit Via Spectroscopic Techniques. Mining, Metallurgy and Exploration, 0, , 1.	0.8	0