

# Miao Chen

## List of Publications by Year in descending order

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157  
papers

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159  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Fate of the Arsenic Species in the Pressure Oxidation of Refractory Gold Ores: Practical and Modelling Aspects. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 155-187.	5.0	6
2	The Direct Leaching of Nickel Sulfide Flotation Concentrates – A Historic and State-of-the-Art Review Part I: Piloted Processes and Commercial Operations. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 407-435.	5.0	4
3	The Direct Leaching of Nickel Sulfide Flotation Concentrates - A Historic and State-of-the-Art Review Part II: Laboratory Investigations into Pressure Leaching. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 451-473.	5.0	2
4	A review of Preg-robbling and the impact of chloride ions in the pressure oxidation of double refractory ores. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2022, 43, 69-96.	5.0	16
5	Optimization and Characterization of an Antioxidant Exopolysaccharide Produced by <i>Cupriavidus pauculus</i> 1490. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2077-2086.	5.0	4
6	A novel polysaccharides-based bioflocculant produced by <i>Bacillus subtilis</i> ZHX3 and its application in the treatment of multiple pollutants. <i>Chemosphere</i> , 2022, 289, 133185.	8.2	9
7	Combined SECM and spectroscopy investigation of the interfacial chemistry of chalcopyrite during anodic oxidation. <i>Electrochimica Acta</i> , 2022, 419, 140393.	5.2	3
8	The effect of curing on arsenic precipitation and kinetic study of pressure oxidation of pyrite and arsenopyrite. <i>Minerals Engineering</i> , 2022, 185, 107675.	4.3	9
9	Thermodynamic analysis of the immobilisation of arsenic during the pressure oxidation and curing processes. <i>Minerals Engineering</i> , 2022, 185, 107681.	4.3	7
10	A comparative bio-oxidative leaching study of synthetic U-bearing minerals: Implications for mobility and retention. <i>Journal of Hazardous Materials</i> , 2021, 403, 123914.	12.4	8
11	Microstructure evolution of chalcopyrite agglomerates during leaching – A synchrotron-based X-ray CT approach combined with a data-constrained modelling (DCM). <i>Hydrometallurgy</i> , 2021, 201, 105586.	4.3	4
12	The galvanic effect of pyrite enhanced (bio)leaching of enargite (Cu <sub>3</sub> AsS <sub>4</sub> ). <i>Hydrometallurgy</i> , 2021, 202, 105613.	4.3	14
13	Chalcopyrite leaching in ammonium chloride solutions under ambient conditions: Insight into the dissolution mechanism by XANES, Raman spectroscopy and electrochemical studies. <i>Minerals Engineering</i> , 2021, 170, 107063.	4.3	12
14	Vibrating boron-doped diamond electrode: A new, durable and highly sensitive tool for the detection of cadmium. <i>Analytica Chimica Acta</i> , 2021, 1188, 339166.	5.4	5
15	Electrochemical and spectroscopic analysis of enargite (Cu <sub>3</sub> AsS <sub>4</sub> ) dissolution mechanism in sulfuric acid solution. <i>Hydrometallurgy</i> , 2020, 194, 105346.	4.3	6
16	The impacts of pyrite/pyrrhotite on aqueous arsenic species in arsenopyrite pressure leaching: An XAS study. <i>Minerals Engineering</i> , 2020, 155, 106447.	4.3	6
17	Comparison of bioleaching of chalcopyrite concentrates with mixed culture after cryopreservation with PEG-2000 in liquid nitrogen. <i>Journal of Central South University</i> , 2020, 27, 1386-1394.	3.0	5
18	Influence diversity of extracellular DNA on bioleaching chalcopyrite and pyrite by <i>Sulfobacillus</i> thermosulfidooxidans ST. <i>Journal of Central South University</i> , 2020, 27, 1466-1476.	3.0	8

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19	Study of the leaching and pore evolution in large particles of a sulfide ore. <i>Hydrometallurgy</i> , 2020, 192, 105261.	4.3	22
20	Exploration of potential jarosite biomineralization mechanism based on extracellular polymer substances of <i>Purpureocillium lilacinum</i> Y3. <i>International Biodeterioration and Biodegradation</i> , 2020, 150, 104941.	3.9	13
21	A scanning electrochemical microscopy (SECM) study of the interfacial solution chemistry at polarised chalcopyrite (CuFeS <sub>2</sub> ) and chalcocite (Cu <sub>2</sub> S). <i>Electrochemistry Communications</i> , 2020, 115, 106730.	4.7	14
22	The phase definition and electrochemical property of cobalt-oxide nanoclusters supported on structured carbons. <i>Materials Letters</i> , 2020, 271, 127788.	2.6	3
23	Electrochemical studies on dissolution and passivation behavior of low temperature bioleaching of chalcopyrite by <i>Acidithiobacillus ferrivorans</i> YL15. <i>Minerals Engineering</i> , 2020, 155, 106416.	4.3	14
24	Extraction and characterization of extracellular polymeric substances from a mixed fungal culture during the adaptation process with waste printed circuit boards. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22137-22146.	5.3	7
25	Co <sub>3</sub> O <sub>4</sub> needles on Au honeycomb as a non-invasive electrochemical biosensor for glucose in saliva. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111479.	10.1	54
26	Effect of pyrite on the electrochemical behavior of chalcopyrite at different potentials in pH 1.8 H <sub>2</sub> SO <sub>4</sub> . <i>Journal of Chemical Research</i> , 2019, 43, 493-502.	1.3	1
27	Colloidal gold in sulphur and citrate-bearing hydrothermal fluids: An experimental study. <i>Ore Geology Reviews</i> , 2019, 114, 103142.	2.7	22
28	An XAS study of silver species evolution in silver-catalysed chalcopyrite bioleaching. <i>Hydrometallurgy</i> , 2019, 186, 252-259.	4.3	13
29	Microstructure evolution of low-grade chalcopyrite ores in chloride leaching - A synchrotron-based X-ray CT approach combined with a data-constrained modelling (DCM). <i>Hydrometallurgy</i> , 2019, 188, 1-13.	4.3	10
30	Application of the kinetic and isotherm models for better understanding of the mechanism of biomineralization process induced by <i>Purpureocillium lilacinum</i> Y3. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 207-214.	5.0	11
31	Effect of iron concentration on the crystallization and electronic structure of sphalerite/marmatite: A DFT study. <i>Minerals Engineering</i> , 2019, 136, 168-174.	4.3	43
32	Preparation of Au nanoparticles on a magnetically responsive support via pyrolysis of a Prussian blue composite. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 563-571.	9.4	9
33	A Sulfur K-Edge XANES and Raman Study on the Effect of Chloride Ion on Bacterial and Chemical Leaching of Chalcopyrite at 25°C. <i>Mining, Metallurgy and Exploration</i> , 2019, 36, 343-352.	0.8	1
34	Identification and Analysis of a Novel Gene Cluster Involves in Fe <sup>2+</sup> Oxidation in <i>Acidithiobacillus ferrooxidans</i> ATCC 23270, a Typical Biomining Acidophile. <i>Current Microbiology</i> , 2018, 75, 818-826.	2.2	12
35	Extracellular DNA enhances the adsorption of <i>Sulfobacillus thermosulfidooxidans</i> strain ST on chalcopyrite surface. <i>Hydrometallurgy</i> , 2018, 176, 97-103.	4.3	33
36	Isolation and identification of <i>Penicillium chrysogenum</i> strain Y5 and its copper extraction characterization from waste printed circuit boards. <i>Journal of Bioscience and Bioengineering</i> , 2018, 126, 78-87.	2.2	27

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37	An in-situ synchrotron XAS study on the evolution of aqueous arsenic species in acid pressure leaching. <i>Hydrometallurgy</i> , 2018, 175, 11-19.	4.3	9
38	Kinetics of uranium extraction from coffinite—A comparison with other common uranium minerals. <i>Transactions of Nonferrous Metals Society of China</i> , 2018, 28, 2135-2142.	4.2	7
39	In Situ Electrochemical Investigation of Pyrite Assisted Leaching of Chalcopyrite. <i>Journal of the Electrochemical Society</i> , 2018, 165, H813-H819.	2.9	7
40	Extracellular polymeric substances (EPS) secreted by <i>Purpureocillium lilacinum</i> strain Y3 promote biosynthesis of jarosite. <i>RSC Advances</i> , 2018, 8, 22635-22642.	3.6	19
41	Bioleaching of low-grade waste printed circuit boards by mixed fungal culture and its community structure analysis. <i>Resources, Conservation and Recycling</i> , 2018, 136, 267-275.	10.8	76
42	Patterned Copper Sulfide Thin Films: a Method for Studying Leaching Behaviour. <i>Australian Journal of Chemistry</i> , 2017, 70, 26.	0.9	0
43	Evolution of <i>Sulfobacillus thermosulfidooxidans</i> secreting alginate during bioleaching of chalcopyrite concentrate. <i>Journal of Applied Microbiology</i> , 2017, 122, 1586-1594.	3.1	10
44	Recycling of metals from pretreated waste printed circuit boards effectively in stirred tank reactor by a moderately thermophilic culture. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 714-721.	2.2	57
45	The effect of thermal pre-treatment on the dissolution of chalcopyrite (CuFeS <sub>2</sub> ) in sulfuric acid media. <i>Hydrometallurgy</i> , 2017, 169, 68-78.	4.3	20
46	The effect of chloride ions on the electrochemical dissolution of chalcopyrite in sulfuric acid solutions. <i>Electrochimica Acta</i> , 2017, 253, 257-267.	5.2	21
47	The Preparation of a AuCN/Prussian Blue Nanocube Composite through Galvanic Replacement Enhances Stability for Electrocatalysis.. <i>ChemistrySelect</i> , 2017, 2, 5333-5340.	1.5	9
48	The Effect of Electrodeposition Parameters and Morphology on the Performance of Au Nanostructures for the Detection of As (III). <i>Journal of the Electrochemical Society</i> , 2017, 164, H1121-H1128.	2.9	16
49	Effects of processing pH stimulation on cooperative bioleaching of chalcopyrite concentrate by free and attached cells. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 2220-2229.	4.2	7
50	A XANES and XRD study of chalcopyrite bioleaching with pyrite. <i>Minerals Engineering</i> , 2016, 89, 157-162.	4.3	22
51	Enrichment of ferric iron on mineral surface during bioleaching of chalcopyrite. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 544-550.	4.2	19
52	Expression of Critical Sulfur- and Iron-Oxidation Genes and the Community Dynamics During Bioleaching of Chalcopyrite Concentrate by Moderate Thermophiles. <i>Current Microbiology</i> , 2015, 71, 62-69.	2.2	8
53	Mercury Vapor Sorption and Amalgamation with a Thin Gold Film. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 23172-23181.	8.0	27
54	In situ synchrotron X-ray diffraction investigation of the evolution of a PbO <sub>2</sub> /PbSO <sub>4</sub> surface layer on a copper electro-winning Pb anode in a novel electrochemical flow cell. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 366-375.	2.4	12

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55	Synchrotron-based XPS and NEXAFS study of surface chemical species during electrochemical oxidation of chalcopyrite. <i>Hydrometallurgy</i> , 2015, 156, 89-98.	4.3	66
56	Study of the kinetics of pyrite oxidation under controlled redox potential. <i>Hydrometallurgy</i> , 2015, 155, 13-19.	4.3	69
57	A direct observation of bacterial coverage and biofilm formation by <i>Acidithiobacillus ferrooxidans</i> on chalcopyrite and pyrite surfaces. <i>Biofouling</i> , 2015, 31, 575-586.	2.2	17
58	XANES and XRD study of the effect of ferrous and ferric ions on chalcopyrite bioleaching at 30 °C and 48 °C. <i>Minerals Engineering</i> , 2015, 70, 99-108.	4.3	31
59	Synchrotron X-ray photoelectron spectroscopic study of the chalcopyrite leached by moderate thermophiles and mesophiles. <i>Minerals Engineering</i> , 2014, 69, 185-195.	4.3	32
60	The shift of microbial community under the adjustment of initial and processing pH during bioleaching of chalcopyrite concentrate by moderate thermophiles. <i>Bioresource Technology</i> , 2014, 162, 300-307.	9.6	65
61	Cu <sup>2+</sup> , Fe <sup>2+</sup> and Fe <sup>3+</sup> analysis of bioleaching solutions using chronoamperometry and BDD electrode. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1135-1143.	2.9	2
62	Oxygen consumption upon electrochemically polarised zinc. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 747-757.	2.9	19
63	Electrochemical impedance spectroscopy study of Ta <sub>2</sub> O <sub>5</sub> based EIOS pH sensors in acid environment. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 399-405.	7.8	61
64	On-line detection of Cu (II) in bioleaching system by anodic stripping differential pulse voltammetry. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 582-587.	4.2	7
65	A copper and iron K-edge XANES study on chalcopyrite leached by mesophiles and moderate thermophiles. <i>Minerals Engineering</i> , 2013, 48, 31-35.	4.3	45
66	Investigation of Cu <sup>+</sup> S intermediate species during electrochemical dissolution and bioleaching of chalcopyrite concentrate. <i>Hydrometallurgy</i> , 2013, 134-135, 158-165.	4.3	14
67	Surface Analysis of Materials in Aqueous Solution by Localized Alternating Current Impedance Measurements. <i>Analytical Chemistry</i> , 2012, 84, 7622-7625.	6.5	5
68	Early stage adsorption behaviour of <i>Acidithiobacillus ferrooxidans</i> on minerals I: An experimental approach. <i>Hydrometallurgy</i> , 2012, 119-120, 87-94.	4.3	55
69	An investigation of biooxidation ability of <i>Acidithiobacillus ferrooxidans</i> using NMR relaxation measurement. <i>Bioresource Technology</i> , 2011, 102, 9143-9147.	9.6	10
70	Column bioleaching of uranium embedded in granite porphyry by a mesophilic acidophilic consortium. <i>Bioresource Technology</i> , 2011, 102, 4697-4702.	9.6	55
71	Scanning electrochemical microscopy studies of micropatterned copper sulfide (Cu <sub>x</sub> S) thin films fabricated by a wet chemistry method. <i>Electrochimica Acta</i> , 2011, 56, 5016-5021.	5.2	22
72	Electrochemical behaviour of massive chalcopyrite electrodes bioleached by moderately thermophilic microorganisms at 48 °C. <i>Hydrometallurgy</i> , 2011, 105, 259-263.	4.3	43

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73	Detection and analysis of attached microorganisms on the mineral surface during bioleaching of pure chalcopyrite with moderate thermophiles. <i>Hydrometallurgy</i> , 2011, 106, 46-50.	4.3	30
74	Characterization of extracellular polymeric substances extracted during the bioleaching of chalcopyrite concentrate. <i>Hydrometallurgy</i> , 2010, 100, 177-180.	4.3	72
75	Community structure and dynamics of the free and attached microorganisms during moderately thermophilic bioleaching of chalcopyrite concentrate. <i>Bioresource Technology</i> , 2010, 101, 7068-7075.	9.6	105
76	Preparation and characterization of polypyrrole/TiO <sub>2</sub> nanocomposite and its photocatalytic activity under visible light irradiation. <i>Journal of Materials Research</i> , 2009, 24, 2547-2554.	2.6	15
77	A Simple and "Green"™ Synthesis of Polymer-Based Silver Colloids and Their Antibacterial Properties. <i>Chemistry and Biodiversity</i> , 2009, 6, 111-116.	2.1	23
78	Application of peptide nucleic acids containing azobenzene self-assembled electrochemical biosensors in detecting DNA sequences. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1009-1013.	0.8	6
79	Synthesis and photo-activity of peptide nucleic acids containing an azobenzene unit. <i>Science Bulletin</i> , 2009, 54, 4753-4755.	9.0	2
80	Property and application of novel ferrocenyl-azobenzene labeled peptide nucleic acid monomers with the dual stimulus-response characteristics. <i>Inorganica Chimica Acta</i> , 2009, 362, 4174-4178.	2.4	10
81	Preparation and tribological studies of self-assembled triple-layer films. <i>Thin Solid Films</i> , 2009, 517, 3752-3759.	1.8	18
82	Fabrication and characterization of positive and negative copper sulfide micropatterns on self-assembled monolayers. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 32-38.	9.4	15
83	Preparation and micro-mechanical studies of polysiloxane-containing dual-layer film on Au surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 346, 75-82.	4.7	3
84	Binary oppositely charged polyelectrolyte brushes for highly selective electroless deposition of bimetallic patterns. <i>Electrochemistry Communications</i> , 2009, 11, 492-495.	4.7	27
85	Bacterial Extracellular Polysaccharides Involved in Biofilm Formation. <i>Molecules</i> , 2009, 14, 2535-2554.	3.8	859
86	Preparation of a 2024Al-Based Super-Hydrophobic Surface. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 48-50.	2.4	7
87	Alumina nanowire forests via unconventional anodization and super-repellency plus low adhesion to diverse liquids. <i>Chemical Communications</i> , 2009, , 1043.	4.1	188
88	Textured Al <sub>2024</sub> alloy surface for super-hydrophobicity investigation. <i>Applied Surface Science</i> , 2008, 254, 2203-2206.	6.1	3
89	The hybridization between peptide nucleic acid containing azobenzene and DNA labeled nanoparticle on chip surfaces studied by atomic force microscopy. <i>Science Bulletin</i> , 2008, 53, 3077-3080.	9.0	2
90	Effect of Zn Powders on the Thermal Decomposition of Ammonium Perchlorate. <i>Propellants, Explosives, Pyrotechnics</i> , 2008, 33, 261-265.	1.6	19

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91	Binary Reactive/Inert Non-Fouling Polymeric Surfaces. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1937-1943.	3.9	6
92	Superhydrophobic surface from Cu-Zn alloy by one step O <sub>2</sub> concentration dependent etching. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 478-482.	9.4	60
93	Micro-patterns of Au@SiO <sub>2</sub> core-shell nanoparticles formed by electrostatic interactions. <i>Applied Surface Science</i> , 2008, 254, 1684-1690.	6.1	30
94	Preparation of polystyrene brush film by radical chain-transfer polymerization and micromechanical properties. <i>Applied Surface Science</i> , 2008, 255, 2295-2302.	6.1	18
95	Deposition behaviors and patterning of TiO <sub>2</sub> thin films on different SAMs surfaces from titanium sulfate aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 324, 137-142.	4.7	7
96	Electrochemical and photochemical characterization of novel ferrocenyl-azobenzene labeled PNA monomers for DNA detection. <i>Inorganic Chemistry Communication</i> , 2008, 11, 392-395.	3.9	10
97	Synthesis and photo-activity of phenylazonaphthalene peptide nucleic acid monomers. <i>Chinese Chemical Letters</i> , 2008, 19, 807-810.	9.0	1
98	A novel approach to large-scale formation of through-hole porous anodic aluminum template. <i>Chinese Chemical Letters</i> , 2008, 19, 1371-1374.	9.0	0
99	Micro-patterning of TiO <sub>2</sub> thin films by photovoltaic effect on silicon substrates. <i>Thin Solid Films</i> , 2008, 516, 3058-3061.	1.8	5
100	Preparation of super-hydrophobic surface on stainless steel. <i>Applied Surface Science</i> , 2008, 255, 3459-3462.	6.1	88
101	Preparation and characterization of Mg nanoparticles. <i>Materials Characterization</i> , 2008, 59, 514-518.	4.4	47
102	Reversible hydration and dehydration of polyanionic brushes bearing carboxylate, phosphate and sulfonate side groups: a comparative AFM study. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 7180.	2.8	14
103	A simple route to synthesize size-controlled Ag <sub>2</sub> S core-shell nanocrystals, and their self-assembly. <i>Nanotechnology</i> , 2008, 19, 225607.	2.6	32
104	Preparation of ZnO Film on 2024Al Surface for Hydrophobicity Investigation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 46, 202-204.	2.2	2
105	Effect of Surface Structure on Wettability of TiO <sub>2</sub> Nanofibrils Prepared in Aluminum Oxide Template. <i>Chemistry Letters</i> , 2008, 37, 606-607.	1.3	1
106	Size Control of Monodisperse Copper Sulfide Faceted Nanocrystals and Triangular Nanoplates. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9658-9663.	3.1	65
107	Template Fabrication of Novel Structure of Polypyrrole Nanotubules Inner-embedded with Gold Nanoparticles. <i>Chemistry Letters</i> , 2007, 36, 1286-1287.	1.3	0
108	Micropatterned Film of Silica-coated Gold Nanoparticles Formed by Covalent Bonds. <i>Chemistry Letters</i> , 2007, 36, 686-687.	1.3	0

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109	Novel Single-Source Precursors Approach to Prepare Highly Uniform Bi <sub>2</sub> S <sub>3</sub> and Sb <sub>2</sub> S <sub>3</sub> Nanorods via a Solvothermal Treatment. <i>Chemistry of Materials</i> , 2007, 19, 872-878.	6.7	146
110	Hydrophobation and self-assembly of core-shell Au@SiO <sub>2</sub> nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 302, 383-387.	4.7	20
111	Site selective micro-patterned rutile TiO <sub>2</sub> film through a seed layer deposition. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 194-202.	9.4	15
112	Preparation and self-assembly of carboxylic acid-functionalized silica. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 507-513.	9.4	222
113	Refractive index of sparse layers of adsorbed gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2007, 315, 814-817.	9.4	28
114	Synthesis of high-luminescent cadmium sulfide nanocrystallites by a novel single-source precursor route. <i>Materials Letters</i> , 2007, 61, 3612-3615.	2.6	15
115	Self-Assembled Monolayers on Mercury Probed in a Modified Surface Force Apparatus. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25931-25940.	2.6	4
116	Thermolysis of Dialkyl Dithiophosphates in Porous Anodic Alumina Template: A Versatile Route to Produce Semiconductor Metal Sulfide Nanowires. <i>Chemistry Letters</i> , 2006, 35, 850-851.	1.3	10
117	Interactions of 1-hexyl-3-methylimidazolium Bromide with Acetone. <i>Chinese Journal of Chemical Physics</i> , 2006, 19, 447-450.	1.3	4
118	STM STUDY OF A SELF-ASSEMBLY BEHAVIOR OF PHTHALOCYANINE AND 1-BROMOHEXADECANE ON HIGHLY ORIENTED PYROLYTIC GRAPHITE. <i>International Journal of Nanoscience</i> , 2006, 05, 877-882.	0.7	0
119	Electrochemical polymerization films of patterned polyaniline on Si(100) surface with microcontact printing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 117-122.	4.7	2
120	Electrochemical synthesis and electrochemical behavior of highly ordered polyaniline nanofibrils through AAO templates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 363-368.	4.7	21
121	Fabrication of patterned gold microstructure by selective electroless plating. <i>Applied Surface Science</i> , 2005, 240, 24-27.	6.1	21
122	Preparation of PbO nanoparticles by microwave irradiation and their application to Pb(II)-selective electrode based on cellulose acetate. <i>Materials Chemistry and Physics</i> , 2005, 90, 262-269.	4.0	58
123	Electrochemical synthesis of polydiphenylamine nanofibrils through AAO template. <i>Materials Chemistry and Physics</i> , 2005, 91, 518-523.	4.0	24
124	A facile approach to formation of through-hole porous anodic aluminum oxide film. <i>Materials Letters</i> , 2005, 59, 40-43.	2.6	64
125	Preparation of SnO <sub>2</sub> Nanocrystals by Microwave Irradiation and Their Catalytic Activity. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 669-676.	0.6	2
126	Synthesis of Nd <sub>2</sub> O <sub>3</sub> nanopowders by sol-gel auto-combustion and their catalytic esterification activity. <i>Materials Chemistry and Physics</i> , 2004, 84, 52-57.	4.0	61



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127	Patterned self-assembled film guided electrodeposition. <i>Science in China Series B: Chemistry</i> , 2004, 47, 120.	0.8	4
128	Preparation and characterization of arachidic acid self-assembled monolayers on glass substrate coated with sol-gel Al <sub>2</sub> O <sub>3</sub> thin film. <i>Surface and Coatings Technology</i> , 2004, 176, 229-235.	4.8	17
129	Preparation and characterization of ZrO <sub>2</sub> thin film on sulfonated self-assembled monolayer of 3-mercaptopropyl trimethoxysilane. <i>Applied Surface Science</i> , 2004, 221, 272-280.	6.1	44
130	Preparation of silane-terminated polystyrene and polymethylmethacrylate self-assembled films on silicon wafer. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1695-1701.	2.6	12
131	Manipulation of the ultimate pattern of polypyrrole film on self-assembled monolayer patterned substrate by negative or positive electrodeposition. <i>Surface Science</i> , 2004, 561, 1-10.	1.9	16
132	Fabrication of patterned polyaniline microstructure through microcontact printing and electrochemistry. <i>Applied Surface Science</i> , 2004, 230, 131-137.	6.1	14
133	Selective Electrodeposition and Etching on Polymer Brush Template Prepared by Patterned Monolayer Surface Initiated Polymerization. <i>Chemistry Letters</i> , 2004, 33, 602-603.	1.3	7
134	Preparation and self-lubrication treatment of ordered porous anodic alumina film. <i>Materials Chemistry and Physics</i> , 2003, 82, 370-374.	4.0	25
135	Fabrication of Conducting Polymer and Complementary Gold Microstructures Using Polymer Brushes as Templates. <i>Advanced Functional Materials</i> , 2003, 13, 938-942.	14.9	42
136	Fabrication of Positively Patterned Conducting Polymer Microstructures via One-Step Electrodeposition. <i>Advanced Materials</i> , 2003, 15, 1367-1370.	21.0	34
137	Preparation and tribological investigation of thin silicone films. <i>Journal of Materials Research</i> , 2002, 17, 2357-2362.	2.6	11
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