

Gengxin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

936
citations

567281

15
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1216
citing authors

#	ARTICLE	IF	CITATIONS
1	Embossing of organic thin films using a surfactant assisted lift-off technique. <i>Journal of Colloid and Interface Science</i> , 2012, 387, 175-179.	9.4	8
2	Crystal growth of organic energetic materials: pentaerythritol tetranitrate. <i>Open Engineering</i> , 2012, 2, .	1.6	7
3	Microbial reduction of chlorite and uranium followed by air oxidation. <i>Chemical Geology</i> , 2011, 283, 242-250.	3.3	38
4	Application of dynamic scaling to the surface properties of organic thin films: Energetic materials. <i>Surface Science</i> , 2011, 605, 463-467.	1.9	26
5	Surface morphology of organic thin films at various vapor flux. <i>Applied Surface Science</i> , 2010, 256, 2363-2366.	6.1	16
6	A Device for Testing Thermal Impact Sensitivity of High Explosives. <i>Propellants, Explosives, Pyrotechnics</i> , 2010, 35, 440-445.	1.6	34
7	Fractal growth in organic thin films: Experiments and modeling. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	15
8	Biom mineralization associated with microbial reduction of Fe ³⁺ and oxidation of Fe ²⁺ in solid minerals. <i>American Mineralogist</i> , 2009, 94, 1049-1058.	1.9	30
9	Metal Reduction at Low pH by a <i>Desulfosporosinus</i> species: Implications for the Biological Treatment of Acidic Mine Drainage. <i>Geomicrobiology Journal</i> , 2009, 26, 71-82.	2.0	60
10	Engineering the Microstructure of Organic Energetic Materials. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1086-1089.	8.0	18
11	Microbial reduction of iron(III)-rich nontronite and uranium(VI). <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3523-3538.	3.9	53
12	Microbe-clay mineral interactions. <i>American Mineralogist</i> , 2009, 94, 1505-1519.	1.9	230
13	Inducing dendrite formation using an Atomic Force Microscope tip. <i>Scanning</i> , 2008, 30, 228-231.	1.5	18
14	Characterization of uraninite nanoparticles produced by <i>Shewanella oneidensis</i> MR-1. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4901-4915.	3.9	122
15	A simple and flexible thin film evaporating device for energetic materials. <i>Review of Scientific Instruments</i> , 2008, 79, 096102.	1.3	5
16	Strontium isotopic and elemental characteristics of calcites in the eolian dust profile of the Chinese Loess Plateau during the past 7 Ma. <i>Geochemical Journal</i> , 2008, 42, 493-506.	1.0	8
17	Microbial effects in promoting the smectite to illite reaction: Role of organic matter intercalated in the interlayer. <i>American Mineralogist</i> , 2007, 92, 1401-1410.	1.9	62
18	Microbial reduction of structural Fe ³⁺ in nontronite by a thermophilic bacterium and its role in promoting the smectite to illite reaction. <i>American Mineralogist</i> , 2007, 92, 1411-1419.	1.9	75

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19	Vapor~Liquid Equilibria Data for Methanol + 2-Propanol+ 2-Methyl-2-butanol and Constituent Binary Systems at 101.3 kPa. Journal of Chemical & Engineering Data, 2007, 52, 878-883.	1.9	10
20	Unique Microbial Community in Drilling Fluids from Chinese Continental Scientific Drilling. Geomicrobiology Journal, 2006, 23, 499-514.	2.0	24
21	Microbial Diversity in Ultra-High-Pressure Rocks and Fluids from the Chinese Continental Scientific Drilling Project in China. Applied and Environmental Microbiology, 2005, 71, 3213-3227.	3.1	77