Ju-Lan Zeng

List of Publications by Year
in descending order

52 papers	1,422 citations	331259 21 h-index	329751 37 g-index
52 all docs	52 docs citations	52 times ranked	1517 citing authors

#	Article	IF	Citations
1	Tetradecanol/expanded graphite composite form-stable phase change material for thermal energy storage. Solar Energy Materials and Solar Cells, 2014, 127, 122-128.	3.0	121
2	Preparation and thermal properties of palmitic acid/polyaniline/exfoliated graphite nanoplatelets form-stable phase change materials. Applied Energy, 2014, 115, 603-609.	5.1	108
3	Effects of copper nanowires on the properties of an organic phase change material. Solar Energy Materials and Solar Cells, 2012, 105, 174-178.	3.0	99
4	Preparation and thermal properties of exfoliated graphite/erythritol/mannitol eutectic composite as form-stable phase change material for thermal energy storage. Solar Energy Materials and Solar Cells, 2018, 178, 84-90.	3.0	93
5	Novel SiO2 nanoparticle-decorated BiOCl nanosheets exhibiting high photocatalytic performances for the removal of organic pollutants. Chinese Journal of Catalysis, 2019, 40, 1212-1221.	6.9	93
6	Myristic acid/polyaniline composites as form stable phase change materials for thermal energy storage. Solar Energy Materials and Solar Cells, 2013, 114, 136-140.	3.0	78
7	Fabrication and characterization of ZnTiO3/Zn2Ti3O8/ZnO ternary photocatalyst for synergetic removal of aqueous organic pollutants and Cr(VI) ions. Science of the Total Environment, 2020, 706, 136026.	3.9	60
8	A Bifunctional Luminescent Metalâ€“Organic Framework for the Sensing of Paraquat and Fe³⁺ Ions in Water. Chemistry - an Asian Journal, 2019, 14, 3611-3619.	1.7	58
9	Nitrogen-doped porous carbon derived from ginkgo leaves with remarkable supercapacitance performance. Diamond and Related Materials, 2019, 98, 107475.	1.8	49
10	Preparation and characterization of erythritol/sepiolite/exfoliated graphite nanoplatelets form-stable phase change material with high thermal conductivity and suppressed supercooling. Solar Energy Materials and Solar Cells, 2020, 217, 110726.	3.0	46
11	Lithium-Based 3D Coordination Polymer with Hydrophilic Structure for Sensing of Solvent Molecules. Crystal Growth and Design, 2008, 8, 3127-3129.	1.4	42
12	The distinct role of boron doping in Sn₃O₄ microspheres for synergistic removal of phenols and Cr(<scp>vi</scp>) in simulated wastewater. Environmental Science: Nano, 2020, 7, 286-303.	2.2	40
13	Preparation, morphology and thermal properties of microencapsulated palmitic acid phase change material with polyaniline shells. Journal of Thermal Analysis and Calorimetry, 2017, 129, 1583-1592.	2.0	37
14	Effects of some nucleating agents on the supercooling of erythritol to be applied as phase change material. Journal of Thermal Analysis and Calorimetry, 2017, 129, 1291-1299.	2.0	35
15	Preparation and thermal energy storage properties of erythritol/polyaniline form-stable phase change material. Solar Energy Materials and Solar Cells, 2019, 200, 109989.	3.0	35
16	Biomassâ€Derived Porous Carbon Prepared from Egg White for Highâ€performance Supercapacitor Electrode Materials. ChemistrySelect, 2019, 4, 7358-7365.	0.7	32
17	Highly sensitive determination of L-tyrosine in pig serum based on ultrathin CuS nanosheets composite electrode. Biosensors and Bioelectronics, 2019, 140, 111356.	5.3	32
18	Preparation and thermal properties of palmitic acid/polyaniline/copper nanowires form-stable phase change materials. Journal of Thermal Analysis and Calorimetry, 2014, 115, 1133-1141.	2.0	31

#	Article	IF	Citations
19	A Novel Fluorescent Probe for Copper Ions Based on Polymer-modified CdSe/CdS Core/Shell Quantum Dots. Analytical Sciences, 2011, 27, 643-647.	0.8	26
20	Construction of efficient solar-light-driven quaternary Ag3VO4/Zn3(VO4)2/Zn2V2O7/ ZnO heterostructures for removing organic pollutants via phase transformation and in-situ precipitation route. Applied Catalysis A: General, 2019, 578, 70-82.	2.2	26
21	Prediction of boiling points of organic compounds by QSPR tools. Journal of Molecular Graphics and Modelling, 2013, 44, 113-119.	1.3	25
22	Preparation and characterization of capric-palmitic acids eutectics/silica xerogel/exfoliated graphite nanoplatelets form-stable phase change materials. Journal of Energy Storage, 2021, 34, 102016.	3.9	18
23	Emerging PEG/VO2 dual phase change materials for thermal energy storage. Solar Energy Materials and Solar Cells, 2022, 239, 111686.	3.0	18
24	Ultrasonic fabrication of SO42â˜ doped g-C3N4/Ag3PO4 composite applied for effective removal of dyestuffs and antibiotics. Materials Chemistry and Physics, 2020, 240, 122206.	2.0	16
25	Hydrophobic modification of silica/exfoliated graphite nanoplatelets aerogel and its application as supporting material for form-stable phase change materials. Journal of Industrial and Engineering Chemistry, 2021, 99, 396-406.	2.9	16
26	Combinatorial synthesis and biological evaluations of (E)-Î²-trifluoromethyl vinylsulfones as antitumor agents. RSC Advances, 2019, 9, 31474-31482.	1.7	14
27	Heat capacities and thermodynamic properties of a novel mixed-ligands MOFs. Journal of Thermal Analysis and Calorimetry, 2010, 100, 679-684.	2.0	13
28	Thermodynamic properties and heat capacities of Co (BTC)1/3 (DMF) (HCOO). Journal of Thermal Analysis and Calorimetry, 2010, 102, 1087-1093.	2.0	11
29	Silica-confined composite form-stable phase change materials: a review. Journal of Thermal Analysis and Calorimetry, 2022, 147, 7077-7097.	2.0	11
30	A Reusable Capacitive Immunosensor Based on a CuS Ultrathin Film Constructed by Using a Surface Sol-Gel Technique. Analytical Sciences, 2010, 26, 1001-1006.	0.8	10
31	Preparation of S-Containing Aminophosphine and Phosphoramidite Ligands and Their Applications in Enantioselective Câ€“C Bond Forming Reactions. Catalysis Letters, 2010, 136, 243-248.	1.4	10
32	Influences of fly ash and fluorgypsum on the hydration heat and compressive strength of cement. Journal of Thermal Analysis and Calorimetry, 2011, 106, 869-874.	2.0	10
33	Preparation and characterization of n-octadecane @ calcium fluoride microencapsulated phase change materials. Solar Energy Materials and Solar Cells, 2022, 237, 111571.	3.0	10
34	Synthesize, crystal structure, heat capacities and thermodynamic properties of a potential enantioselective catalyst. Journal of Thermal Analysis and Calorimetry, 2011, 105, 961-968.	2.0	9
35	Low-temperature heat capacity and standard molar enthalpy of formation of crystalline 2-pyridinealdoxime (C6H6N2O). Journal of Chemical Thermodynamics, 2007, 39, 817-821.	1.0	8
36	Thermodynamic and thermal energy storage properties of a new medium-temperature phase change material. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3171-3179.	2.0	8

#	Article	IF	Citations
37	Modification of waste fluorgypsum and its applications as a cement retarder. Journal of Central South University, 2011, 18, 1402-1407.	1.2	7
38	Effects of in-situ acid dopants on the latent heat storage properties and morphology of palmitic acid @Âpolyaniline microencapsulated phase change materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 129207.	2.3	7
39	Synthesis and Crystal Structure of [Ni(L)(Phen)(H2O)]Â·3.75H2O. Journal of Chemical Crystallography, 2010, 40, 761-764.	0.5	6
40	Heat capacities and thermodynamic properties of (S)-tert-butyl 1-phenylethylcarbamate. Journal of Thermal Analysis and Calorimetry, 2011, 103, 1087-1093.	2.0	6
41	Synthesis, characterization, and antibacterial activity of a cobalt(II) Schiff base complex derived from pyridoxal and sulfanilic acid. Transition Metal Chemistry, 2012, 37, 765-770.	0.7	6
42	Study on reduction of thermal conductivity of composite phase change material using Cu nanoparticles. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1091-1096.	1.2	6
43	DNA-templated copper nanoclusters obtained via TdT isothermal nucleic acid amplification for mercury(<scp>ii</scp>) assay. Analytical Methods, 2019, 11, 4165-4172.	1.3	6
44	Preparation and characterization of erythritol/polyaniline formâ€stable phase change materials containing silver nanowires. International Journal of Energy Research, 2019, 43, 8385.	2.2	6
45	Erythritol confined in multiwalled carbon nanotubes reinforced silica aerogel as novel form-stable phase change materials. Journal of Molecular Liquids, 2022, 360, 119589.	2.3	6
46	A new one-dimensional coordination polymer: {[Cu(C10H9NO5S)(H2O)]Â·H2O}n. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m1137-m1139.	0.2	4
47	Synthesis of Novel 1-(1,5-Diaryl-1,10b-Dihydropyrrolo- [1,2-A][1,2,4]Triazolo[3,4-C]Pyrazin-3-Yl)Ethanones Via 1,3-Dipolar Cycloaddition of Nitrilimine. Chemistry of Heterocyclic Compounds, 2020, 56, 84-87.	0.6	4
48	Synthesis and Crystal Structure of a Phenolato-bridged Dinuclear Oxovanadium(V) Complex Derived from Nâ€™-[1-(2-Hydroxyphenyl)ethylidene]-1H-indole-3-carbohydrazide. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1052-1055.	0.6	3
49	Thermal properties characterization of two promising phase change material candidates. Journal of Thermal Analysis and Calorimetry, 2017, 129, 189-199.	2.0	3
50	Synthesis of novel 2'-aryl-4'-hydroxy-4',5,5',6-tetrahydro- 2'H,8H-spiro[indolizine-7,3'-thiophen]-8-one derivatives via sulfa-Michael/aldol cascade reactions. Chemistry of Heterocyclic Compounds, 2020, 56, 42-46.	0.6	3
51	Synthesis, structure and properties of a two-dimensional iron(II) metal-organic framework. Transition Metal Chemistry, 2012, 37, 463-468.	0.7	1
52	Thermal energy storage and thermodynamic properties of (E)-3-m-tolylbut-2-enoic acid as a medium temperature phase change material. International Journal of Green Energy, 2019, 16, 468-475.	2.1	0