Ju-Lan Zeng

List of Publications by Citations

51 papers	989 citations	18 h-index	30 g-index
52 ext. papers	1,202 ext. citations	4.6 avg, IF	4.26 L-index

#	Paper	IF	Citations
51	Preparation and thermal properties of palmitic acid/polyaniline/exfoliated graphite nanoplatelets form-stable phase change materials. *Applied Energy*, **2014**, 115, 603-609	10.7	97
50	Tetradecanol/expanded graphite composite form-stable phase change material for thermal energy storage. *Solar Energy Materials and Solar Cells*, **2014**, 127, 122-128	6.4	95
49	Effects of copper nanowires on the properties of an organic phase change material. *Solar Energy Materials and Solar Cells*, **2012**, 105, 174-178	6.4	84
48	Novel SiO2 nanoparticle-decorated BiOCl nanosheets exhibiting high photocatalytic performances for the removal of organic pollutants. *Chinese Journal of Catalysis*, **2019**, 40, 1212-1221	11.3	67
47	Myristic acid/polyaniline composites as form stable phase change materials for thermal energy storage. *Solar Energy Materials and Solar Cells*, **2013**, 114, 136-140	6.4	66
46	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	6.4	55
45	Lithium-Based 3D Coordination Polymer with Hydrophilic Structure for Sensing of Solvent Molecules. *Crystal Growth and Design*, **2008**, 8, 3127-3129	3.5	42
44	Fabrication and characterization of ZnTiO/ZnTiO/ZnO ternary photocatalyst for synergetic removal of aqueous organic pollutants and Cr() ions. *Science of the Total Environment*, **2020**, 706, 136026	10.2	40
43	A Bifunctional Luminescent Metal-Organic Framework for the Sensing of Paraquat and Fe Ions in Water. *Chemistry - an Asian Journal*, **2019**, 14, 3611-3619	4.5	34
42	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	4.1	29
41	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	4.1	28
40	The distinct role of boron doping in Sn3O4 microspheres for synergistic removal of phenols and Cr(VI) in simulated wastewater. *Environmental Science: Nano*, **2020**, 7, 286-303	7.1	28
39	A novel fluorescent probe for copper ions based on polymer-modified CdSe/CdS core/shell quantum dots. *Analytical Sciences*, **2011**, 27, 643-7	1.7	24
38	Highly sensitive determination of L-tyrosine in pig serum based on ultrathin CuS nanosheets composite electrode. *Biosensors and Bioelectronics*, **2019**, 140, 111356	11.8	23
37	Nitrogen-doped porous carbon derived from ginkgo leaves with remarkable supercapacitance performance. *Diamond and Related Materials*, **2019**, 98, 107475	3.5	21
36	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	4.1	21
35	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	6.4	20

34	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	5.1	18
33	Prediction of boiling points of organic compounds by QSPR tools. *Journal of Molecular Graphics and Modelling*, **2013**, 44, 113-9	2.8	18
32	Biomass-Derived Porous Carbon Prepared from Egg White for High-performance Supercapacitor Electrode Materials. *ChemistrySelect*, **2019**, 4, 7358-7365	1.8	14
31	Preparation and thermal energy storage properties of erythritol/polyaniline form-stable phase change material. *Solar Energy Materials and Solar Cells*, **2019**, 200, 109989	6.4	14
30	Heat capacities and thermodynamic properties of a novel mixed-ligands MOFs. *Journal of Thermal Analysis and Calorimetry*, **2010**, 100, 679-684	4.1	12
29	Combinatorial synthesis and biological evaluations of ()-Trifluoromethyl vinylsulfones as antitumor agents.. *RSC Advances*, **2019**, 9, 31474-31482	3.7	12
28	Thermodynamic properties and heat capacities of Co (BTC)1/3 (DMF) (HCOO). *Journal of Thermal Analysis and Calorimetry*, **2010**, 102, 1087-1093	4.1	11
27	A reusable capacitive immunosensor based on a CuS ultrathin film constructed by using a surface sol-gel technique. *Analytical Sciences*, **2010**, 26, 1001-6	1.7	10
26	Synthesize, crystal structure, heat capacities and thermodynamic properties of a potential enantioselective catalyst. *Journal of Thermal Analysis and Calorimetry*, **2011**, 105, 961-968	4.1	9
25	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	4.1	9
24	Ultrasonic fabrication of SO42doped g-C3N4/Ag3PO4 composite applied for effective removal of dyestuffs and antibiotics. *Materials Chemistry and Physics*, **2020**, 240, 122206	4.4	9
23	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	7.8	9
22	Low-temperature heat capacity and standard molar enthalpy of formation of crystalline 2-pyridinealdoxime (C6H6N2O). *Journal of Chemical Thermodynamics*, **2007**, 39, 817-821	2.9	7
21	Thermodynamic and thermal energy storage properties of a new medium-temperature phase change material. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 3171-3179	4.1	6
20	Heat capacities and thermodynamic properties of (S)-tert-butyl 1-phenylethylcarbamate. *Journal of Thermal Analysis and Calorimetry*, **2011**, 103, 1087-1093	4.1	6
19	Preparation of S-Containing Aminophosphine and Phosphoramidite Ligands and Their Applications in Enantioselective C Bond Forming Reactions. *Catalysis Letters*, **2010**, 136, 243-248	2.8	6
18	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	6.3	6
17	Synthesis and Crystal Structure of [Ni(L)(Phen)(H2O)]3.75H2O. *Journal of Chemical Crystallography*, **2010**, 40, 761-764	0.5	5

16	Preparation and characterization of erythritol/polyaniline form-stable phase change materials containing silver nanowires. *International Journal of Energy Research*, **2019**, 43, 8385	4.5	4
15	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	2.1	4
14	A new one-dimensional coordination polymer: {[Cu(C10H9NO5S)(H2O)]□H2O}n. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, m1137-m1139		4
13	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	1.6	4
12	Thermal properties characterization of two promising phase change material candidates. *Journal of Thermal Analysis and Calorimetry*, **2017**, 129, 189-199	4.1	3
11	DNA-templated copper nanoclusters obtained via TdT isothermal nucleic acid amplification for mercury(II) assay. *Analytical Methods*, **2019**, 11, 4165-4172	3.2	3
10	Synthesis and Crystal Structure of a Phenolato-bridged Dinuclear Oxovanadium(V) Complex Derived from N[1-(2-Hydroxyphenyl)ethylidene]-1H-indole-3-carbohydrazide. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2011**, 41, 1052-1055		3
9	Modification of waste fluorgypsum and its applications as a cement retarder. *Journal of Central South University*, **2011**, 18, 1402-1407	2.1	2
8	Preparation and characterization of n-octadecane @ calcium fluoride microencapsulated phase change materials. *Solar Energy Materials and Solar Cells*, **2022**, 237, 111571	6.4	2
7	Emerging PEG/VO2 dual phase change materials for thermal energy storage. *Solar Energy Materials and Solar Cells*, **2022**, 239, 111686	6.4	2
6	Synthesis, structure and properties of a two-dimensional iron(II) metal-organic framework. *Transition Metal Chemistry*, **2012**, 37, 463-468	2.1	1
5	Silica-confined composite form-stable phase change materials: a review. *Journal of Thermal Analysis and Calorimetry*,1	4.1	1
4	Effects of in-situ acid dopants on the latent heat storage properties and morphology of palmitic acid @ polyaniline microencapsulated phase change materials. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 129207	5.1	1
3	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	1.4	0
2	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	1.4	0
1	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	3	