

Yi Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,004
citations

16
h-index

31
g-index

44
ext. papers

1,180
ext. citations

4.1
avg, IF

4.36
L-index

#	Paper	IF	Citations
43	Stearic acid/silica fume composite as form-stable phase change material for thermal energy storage. <i>Energy and Buildings</i> , 2011 , 43, 2365-2370	7	141
42	Stearic acid/polymethylmethacrylate composite as form-stable phase change materials for latent heat thermal energy storage. <i>Renewable Energy</i> , 2011 , 36, 1814-1820	8.1	115
41	Utilization of waste phosphogypsum to prepare hydroxyapatite nanoparticles and its application towards removal of fluoride from aqueous solution. <i>Journal of Hazardous Materials</i> , 2012 , 241-242, 418-426	12.8	88
40	Superior supercapacitors based on nitrogen and sulfur co-doped hierarchical porous carbon: Excellent rate capability and cycle stability. <i>Journal of Power Sources</i> , 2017 , 358, 112-120	8.9	69
39	Effects of fabricated technology on particle size distribution and thermal properties of stearicBicosanoic acid/polymethylmethacrylate nanocapsules. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 120, 481-490	6.4	66
38	Effect of preparation methods on the structure and thermal properties of stearic acid/activated montmorillonite phase change materials. <i>Energy and Buildings</i> , 2012 , 47, 467-473	7	65
37	Fabrication and performances of new kind microencapsulated phase change material based on stearic acid core and polycarbonate shell. <i>Energy Conversion and Management</i> , 2012 , 64, 1-7	10.6	60
36	Supercooling suppression and thermal behavior improvement of erythritol as phase change material for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 171, 60-71	6.4	52
35	Fabrication and performances of microencapsulated paraffin composites with polymethylmethacrylate shell based on ultraviolet irradiation-initiated. <i>Materials Chemistry and Physics</i> , 2012 , 135, 181-187	4.4	43
34	Fabrication and characterization of stearic acid/polyaniline composite with electrical conductivity as phase change materials for thermal energy storage. <i>Energy Conversion and Management</i> , 2015 , 98, 322-330	10.6	41
33	Hierarchical porous carbon nanosheet derived from waste engine oil for high-performance supercapacitor application. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 499-507	5.8	31
32	Selection of Low-Temperature Phase-Change Materials for Thermal Energy Storage Based on the VIKOR Method. <i>Energy Technology</i> , 2015 , 3, 84-89	3.5	26
31	Phosphorus and sulfur dual doped hierarchic porous carbons with superior supercapacitance performance. <i>Electrochimica Acta</i> , 2016 , 222, 141-148	6.7	26
30	The composite capacitive behaviors of the N and S dual doped ordered mesoporous carbon with ultrahigh doping level. <i>Applied Surface Science</i> , 2016 , 360, 807-815	6.7	25
29	Fabrication of the phosphorus doped mesoporous carbon with superior capacitive performance by microwave irradiation under ambient atmosphere: An ultra-facile and energy-efficient method. <i>Applied Surface Science</i> , 2018 , 458, 119-128	6.7	21
28	Design of stearic acid/graphene oxide-attapulgite aerogel shape-stabilized phase change materials with excellent thermophysical properties. <i>Renewable Energy</i> , 2021 , 165, 504-513	8.1	17
27	Thermophysical properties of three-dimensional palygorskite based composite phase change materials. <i>Applied Clay Science</i> , 2020 , 184, 105367	5.2	15

26	Distribution variation of heavy metals in maricultural sediments and their enrichment, ecological risk and possible source-A case study from Zhelin bay in Southern China. <i>Marine Pollution Bulletin</i> , 2016 , 113, 240-246	6.7	14
25	Preparation and Characterization of Graphene Oxide-Grafted Hexadecanol Composite Phase-Change Material for Thermal Energy Storage. <i>Energy Technology</i> , 2017 , 5, 2005-2014	3.5	13
24	Microencapsulation of stearic acid with polymethylmethacrylate using iron (III) chloride as photo-initiator for thermal energy storage. <i>Chinese Journal of Chemical Engineering</i> , 2017 , 25, 1524-1532 ^{3,2}	3.2	12
23	Short-Time Hydrothermal Synthesis of CuBiO Nanocolumn Arrays for Efficient Visible-Light Photocatalysis. <i>Nanomaterials</i> , 2019 , 9,	5.4	12
22	Preparation and Characterization of Erythritol/Graphene Oxide Shape-Stable Composites with Improved Thermal-Physical Property. <i>ChemistrySelect</i> , 2019 , 4, 1149-1157	1.8	9
21	Preparation and characterization of the carbon/Microsilica composite sorbent. <i>Advanced Powder Technology</i> , 2012 , 23, 215-219	4.6	9
20	Effect of Fabrication Methodology on Morphology, Conductivity, and Thermal-Energy Storage of a Stearic Acid/Doped-Polyaniline Phase-Change Material. <i>Energy Technology</i> , 2015 , 3, 734-742	3.5	8
19	Paraffin/chitosan composite phase change materials fabricated by piercing-solidifying method for thermal energy storage. <i>AIP Advances</i> , 2020 , 10, 035218	1.5	6
18	Fabrication of the nitrogen doped ordered porous carbon derived from amino-maltose with excellent capacitance performance. <i>Journal of Porous Materials</i> , 2018 , 25, 29-35	2.4	5
17	Preparation of Nonporous Carbon-based Sorbent from Sucrose. <i>Chemistry Letters</i> , 2010 , 39, 424-425	1.7	5
16	Preparation of attapulgite carriers with different pore structures and their effects on thermophysical properties of composite phase change materials. <i>AIP Advances</i> , 2019 , 9, 105311	1.5	2
15	Preparation and Characterisation of Sulfonic Acid-Functionalized Carbon/Loess Composite. <i>Advanced Materials Research</i> , 2011 , 194-196, 1652-1655	0.5	2
14	Preparation of heterogeneous Fenton catalyst Fe/organo-attapulgite and its performance in sodium humate degradation	107, 91-99	2
13	Effect of encapsulation and additives doping on the thermophysical properties of erythritol for thermal energy storage. <i>Journal of Renewable and Sustainable Energy</i> , 2020 , 12, 024103	2.5	1
12	Preparation of three-dimensional palygorskite based carrier. <i>MethodsX</i> , 2020 , 7, 100815	1.9	1
11	Synthesis, Characterization of the Mn(II) Complex of Rutin and Interactions between the Complex and Serum Albumins. <i>Advanced Materials Research</i> , 2012 , 549, 265-268	0.5	1
10	Preparation of a Heterogeneous Catalyst CuO-Fe ₂ O ₃ /CTS-ATP and Degradation of Methylene Blue and Ciprofloxacin. <i>Coatings</i> , 2022 , 12, 559	2.9	1
9	Eicosane/Polycarbonate Composite as Form-Stable Phase Change Materials for Latent Heat Thermal Energy Storage. <i>Advanced Materials Research</i> , 2011 , 221, 78-84	0.5	0

8	SDBS Degradation by a Heterogeneous Fenton-Like Reaction on Three Types of Catalysts. <i>Applied Mechanics and Materials</i> , 2013 , 378, 308-312	0.3
7	Study on Syntheses and Anticoagulant Action of Rare Earth Ternary Complexes with Tryptophan and Sodium Citrate. <i>Advanced Materials Research</i> , 2013 , 699, 689-692	0.5
6	Study on Desulfurization of SO ₂ by Desulfurization Agent of Attapulgitte Compounded with Calcium Oxide. <i>Applied Mechanics and Materials</i> , 2011 , 71-78, 2044-2048	0.3
5	Preparation and Characterization of Polyacrylonitrile-Metal-O-MMT Nanocomposites. <i>Advanced Materials Research</i> , 2011 , 221, 316-320	0.5
4	Preparation and Characterization of Citric Acid Modified Marigold Dregs Biosorbents. <i>Advanced Materials Research</i> , 2011 , 236-238, 895-898	0.5
3	Effect of Preparation Ways on Structure and Properties of Stearic Acid/Na ⁺ -Montmorillonite Phase-Change Composite Materials. <i>Key Engineering Materials</i> , 2012 , 501, 589-592	0.4
2	Preparation of Anion Modified Montmorillonite-Polystyrene Nanocomposite by Suspension Polymerization. <i>Advanced Materials Research</i> , 2009 , 87-88, 499-503	0.5
1	One-pot synthesis of NiPt core-shell nanoparticles toward efficient oxygen reduction reaction. <i>Journal of Solid State Electrochemistry</i> , 1	2.6