

Youfu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,874
citations

566801

15
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

5090
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon quantum dots: synthesis, properties and applications. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6921.	2.7	1,814
2	Nanoscale Metal-Organic Frameworks for Ratiometric Oxygen Sensing in Live Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 2158-2161.	6.6	276
3	Noble Metal Nanomaterials for NIR-Triggered Photothermal Therapy in Cancer. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001806.	3.9	192
4	Preparation of carbon nanodots from single chain polymeric nanoparticles and theoretical investigation of the photoluminescence mechanism. <i>Journal of Materials Chemistry C</i> , 2013, 1, 580-586.	2.7	158
5	Embedding Co ₃ O ₄ nanoparticles in SBA-15 supported carbon nanomembrane for advanced supercapacitor materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3171.	5.2	63
6	Practical access to bandgap-like N-doped carbon dots with dual emission unzipped from PAN@PMMA core-shell nanoparticles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7731.	2.7	60
7	Highly Ordered Metal Oxide Nanorods inside Mesoporous Silica Supported Carbon Nanomembranes: High Performance Electrode Materials for Symmetrical Supercapacitor Devices. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8530-8536.	1.5	49
8	Study on the relation between pore size and supercapacitance in mesoporous carbon electrodes with silica-supported carbon nanomembranes. <i>RSC Advances</i> , 2014, 4, 40296-40300.	1.7	44
9	Successful Coupling of a Bis-Amidoxime Uranophile with a Hydrophilic Backbone for Selective Uranium Sequestration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27894-27904.	4.0	36
10	Size-Tunable Polymeric Nanoreactors for One-Pot Synthesis and Encapsulation of Quantum Dots. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1393-1398.	2.0	27
11	Methotrexate-Mn ²⁺ based nanoscale coordination polymers as a theranostic nanoplatform for MRI guided chemotherapy. <i>Biomaterials Science</i> , 2020, 8, 712-719.	2.6	20
12	Catechol-Coordinated Framework Film-based Micro-Supercapacitors with AC Line Filtering Performance. <i>Chemistry - A European Journal</i> , 2021, 27, 6340-6347.	1.7	20
13	A high performance flexible all solid state supercapacitor based on the MnO ₂ sphere coated macro/mesoporous Ni/C electrode and ionic conducting electrolyte. <i>Nanoscale</i> , 2016, 8, 11976-11983.	2.8	19
14	From natural cotton thread to sewable energy dense supercapacitors. <i>Nanoscale</i> , 2017, 9, 6406-6416.	2.8	19
15	Co-sensitization of N719 with polyphenylenes from the Bergman cyclization of maleimide-based enediynes for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11607-11614.	5.2	17
16	Distinctive slit-shaped porous carbon encapsulating phosphorus as a promising anode material for lithium batteries. <i>Ionics</i> , 2016, 22, 167-172.	1.2	14
17	Nanofabrication within unimolecular nanoreactors. <i>Nanoscale</i> , 2020, 12, 12698-12711.	2.8	10
18	Synthesis of carbon nanomembranes through cross-linking of phenyl self-assembled monolayers for electrode materials in supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5212.	5.2	9

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19	Controlled syntheses of polythiophene nanoparticles with plain and hollow nanostructures templated from unimolecular micelles. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1550-1555.	2.5	7
20	Planet-satellite cage hybrids: covalent organic cages encircling metal organic cage. <i>Science China Chemistry</i> , 2022, 65, 858-862.	4.2	7
21	Preparation of hierarchically porous carbon nanofoams for electrode materials of supercapacitors. <i>RSC Advances</i> , 2015, 5, 70297-70301.	1.7	6
22	Eneidyne as Ā linker in DĀ“Ā dyes for dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 12124-12130.	1.7	2
23	Stable and soluble oligomers of porous organic cages through post-synthesized modification. <i>New Journal of Chemistry</i> , 2021, 45, 22049-22052.	1.4	2
24	Ultrastable Anion Catechol Frameworks (ACFs) of PentiptyceneĀbased Quad(catechol) Through Decavalent Hydrogen Bond. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
25	The synthesis and oligomerization of a monofunctional bottlebrush-shaped polymer terminated with an azide group. <i>Polymer Chemistry</i> , 2019, 10, 5168-5171.	1.9	1
26	Super-2D metal organic frameworks with vertical layer skeletons and good adsorption performances. <i>New Journal of Chemistry</i> , 2022, 46, 9515-9518.	1.4	0