

Chengzhen Wei

List of Publications by Year in descending order

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34
papers

1,596
citations

331538

21
h-index

377752

34
g-index

35
all docs

35
docs citations

35
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted synthesis of NiS ₂ nanostructures for supercapacitors and cocatalytic enhancing photocatalytic H ₂ production. <i>Scientific Reports</i> , 2014, 4, 3577.	1.6	222
2	Hierarchical porous NiCo ₂ O ₄ /CeO ₂ hybrid materials for high performance supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3126-3134.	3.0	132
3	Synthesis of hierarchically porous NiCo ₂ S ₄ core-shell hollow spheres via self-template route for high performance supercapacitors. <i>Applied Surface Science</i> , 2018, 453, 288-296.	3.1	107
4	Mesoporous nickel cobalt manganese sulfide yolk-shell hollow spheres for high-performance electrochemical energy storage. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1851-1860.	3.0	102
5	Comparison of NiS ₂ and NiS hollow spheres for supercapacitors, non-enzymatic glucose sensors and water treatment. <i>Dalton Transactions</i> , 2015, 44, 17278-17285.	1.6	93
6	NiS Hollow Spheres for High-Performance Supercapacitors and Non-Enzymatic Glucose Sensors. <i>Chemistry - an Asian Journal</i> , 2015, 10, 679-686.	1.7	87
7	Sodium-Doped Mesoporous Ni ₂ P ₂ O ₇ Hexagonal Tablets for High-Performance Flexible All-Solid-State Hybrid Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1731-1737.	1.7	80
8	Self-template synthesis of double shelled ZnS-NiS _{1.97} hollow spheres for electrochemical energy storage. <i>Applied Surface Science</i> , 2018, 435, 993-1001.	3.1	69
9	Reed Leaves as a Sustainable Silica Source for 3D Mesoporous Nickel (Cobalt) Silicate Architectures Assembled into Ultrathin Nanoflakes for High-Performance Supercapacitors. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400377.	1.9	62
10	Mesoporous hollow ZnCo ₂ S ₄ core-shell nanospheres for high performance supercapacitors. <i>Ceramics International</i> , 2018, 44, 17464-17472.	2.3	60
11	Mesoporous 3D ZnO-NiO architectures for high-performance supercapacitor electrode materials. <i>CrystEngComm</i> , 2014, 16, 4169-4175.	1.3	53
12	Self-template synthesis of hollow ellipsoid Ni-Mn sulfides for supercapacitors, electrocatalytic oxidation of glucose and water treatment. <i>Dalton Transactions</i> , 2017, 46, 5406-5413.	1.6	51
13	Self-Template Synthesis of Hybrid Porous Co ₃ O ₄ @CeO ₂ Hollow Polyhedrons for High-Performance Supercapacitors. <i>Chemistry - an Asian Journal</i> , 2018, 13, 111-117.	1.7	48
14	Hierarchically Porous NaCoPO ₄ -Co ₃ O ₄ Hollow Microspheres for Flexible Asymmetric Solid-State Supercapacitors. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 831-839.	1.2	47
15	Hierarchical Ni(OH) ₂ @MnO ₂ hollow spheres as an electrode material for high-performance supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3542-3551.	3.0	45
16	Mesoporous ZnO-NiO architectures for use in a high-performance nonenzymatic glucose sensor. <i>Mikrochimica Acta</i> , 2014, 181, 1581-1589.	2.5	41
17	Nitrogen-Doped Carbon-Copper Nanohybrids as Electrocatalysts in H ₂ O ₂ and Glucose Sensing. <i>ChemElectroChem</i> , 2014, 1, 799-807.	1.7	36
18	Mesoporous hybrid NiO _x @MnO _x nanoprisms for flexible solid-state asymmetric supercapacitors. <i>Dalton Transactions</i> , 2016, 45, 10789-10797.	1.6	35

#	ARTICLE	IF	CITATIONS
19	Etching strategy synthesis of hierarchical Ni-Mn hydroxide hollow spheres for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 33, 102105.	3.9	29
20	Pillar-Coordinated Strategy to Modulate Phase Transfer of β -Ni(OH) ₂ for Enhanced Supercapacitor Application. <i>ACS Applied Energy Materials</i> , 2020, 3, 5628-5636.	2.5	24
21	Porous Ni-Co-Mn oxides prisms for high performance electrochemical energy storage. <i>Applied Surface Science</i> , 2017, 425, 1158-1167.	3.1	22
22	Zeolitic Imidazolate Framework-67 Rhombic Dodecahedral Microcrystals with Porous {110} Facets As a New Electrocatalyst for Sensing Glutathione. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 429-433.	1.2	21
23	Assembling CdS mesoporous nanosheets into 3D hierarchitectures for effective photocatalytic performance. <i>Dalton Transactions</i> , 2014, 43, 5687-5693.	1.6	20
24	Mesoporous ZnS@NiS Nanocomposites for Nonenzymatic Electrochemical Glucose Sensors. <i>ChemistryOpen</i> , 2015, 4, 32-38.	0.9	18
25	Nitrogen-doped ZnO/Carbon hollow rhombic dodecahedral for photoelectrochemical sensing glutathione. <i>Applied Surface Science</i> , 2018, 458, 872-879.	3.1	17
26	Thermodynamic Studies of Rod- and Spindle-Shaped β -FeOOH Crystals. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 366-369.	1.0	14
27	Hierarchical Ni@Co@Mn hydroxide hollow architectures as high-performance electrodes for electrochemical energy storage. <i>RSC Advances</i> , 2021, 11, 15258-15263.	1.7	12
28	Mesoporous Quaternary Ce@Ni@Mn@Co Oxides as Electrode materials for High Performance Flexible Solid State Asymmetric Supercapacitors. <i>ChemistrySelect</i> , 2017, 2, 1497-1503.	0.7	11
29	Facile synthesis of mesoporous hierarchical ZnS@ β -Ni(OH) ₂ microspheres for flexible solid state hybrid supercapacitors. <i>RSC Advances</i> , 2016, 6, 101016-101022.	1.7	10
30	Template-free synthesis of hierarchically porous NaCoPO ₄ @Co ₃ O ₄ hollow microspheres and their application as electrocatalysts for glucose. <i>CrystEngComm</i> , 2015, 17, 4540-4546.	1.3	8
31	Mesoporous Hybrid NiCo ₂ O ₄ /CeO ₂ Hierarchical Hollow Spheres for Enhanced Supercapacitors. <i>ChemistrySelect</i> , 2019, 4, 11149-11155.	0.7	8
32	Novel Synthesis of β -FeOOH Nanofluid and Determination of Its Heat Capacity by an Adiabatic Calorimeter. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1249-1253.	2.6	5
33	Template-engaged redox etching strategy synthesis of β -MnO ₂ hollow architectures toward colorimetric glutathione sensing. <i>Applied Surface Science</i> , 2021, 563, 150319.	3.1	5
34	Nitrogen-Doped Carbon-Copper Nanohybrids as Electrocatalysts in H ₂ O ₂ and Glucose Sensing. <i>ChemElectroChem</i> , 2014, 1, 682-682.	1.7	2