Chengzhen Wei

List of Publications by Year
in descending order

34	1,596	377584 21	425179 34
papers	citations	h-index	g-index

35	35	35	2224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical Ni(OH)₂â€“MnO₂hollow spheres as an electrode material for high-performance supercapacitors. Inorganic Chemistry Frontiers, 2022, 9, 3542-3551.	3.0	45
2	Etching strategy synthesis of hierarchical Ni-Mn hydroxide hollow spheres for supercapacitors. Journal of Energy Storage, 2021, 33, 102105.	3.9	29
3	Hierarchical Niâ€“Coâ€“Mn hydroxide hollow architectures as high-performance electrodes for electrochemical energy storage. RSC Advances, 2021, 11, 15258-15263.	1.7	12
4	Template-engaged redox etching strategy synthesis of Î±-MnO2 hollow architectures toward colorimetric glutathione sensing. Applied Surface Science, 2021, 563, 150319.	3.1	5
5	Pillar-Coordinated Strategy to Modulate Phase Transfer of Î±-Ni(OH)₂ for Enhanced Supercapacitor Application. ACS Applied Energy Materials, 2020, 3, 5628-5636.	2.5	24
6	Mesoporous Hybrid NiCo 2 O 4 /CeO 2 Hierarchical Hollow Spheres for Enhanced Supercapacitors. ChemistrySelect, 2019, 4, 11149-11155.	0.7	8
7	Mesoporous nickel cobalt manganese sulfide yolkâ€“shell hollow spheres for high-performance electrochemical energy storage. Inorganic Chemistry Frontiers, 2019, 6, 1851-1860.	3.0	102
8	Self-template synthesis of double shelled ZnS-NiS1.97 hollow spheres for electrochemical energy storage. Applied Surface Science, 2018, 435, 993-1001.	3.1	69
9	Selfâ€Template Synthesis of Hybrid Porous Co₃O₄â€“CeO₂ Hollow Polyhedrons for Highâ€Performance Supercapacitors. Chemistry - an Asian Journal, 2018, 13, 111-117.	1.7	48
10	Hierarchical porous NiCo₂O₄/CeO₂ hybrid materials for high performance supercapacitors. Inorganic Chemistry Frontiers, 2018, 5, 3126-3134.	3.0	132
11	Synthesis of hierarchically porous NiCo2S4 core-shell hollow spheres via self-template route for high performance supercapacitors. Applied Surface Science, 2018, 453, 288-296.	3.1	107
12	Mesoporous hollow ZnCo2S4 core-shell nanospheres for high performance supercapacitors. Ceramics International, 2018, 44, 17464-17472.	2.3	60
13	Nitrogen-doped ZnO/Carbon hollow rhombic dodecahedral for photoelectrochemical sensing glutathione. Applied Surface Science, 2018, 458, 872-879.	3.1	17
14	Mesoporous Quaternary Ceâ€Niâ€Mnâ€“Co Oxides as Electrodematerials forHighPerformance Flexible Solidâ€StateAsymmetric Supercapacitors. ChemistrySelect, 2017, 2, 1497-1503.	0.7	11
15	Self-template synthesis of hollow ellipsoid Niâ€“Mn sulfides for supercapacitors, electrocatalytic oxidation of glucose and water treatment. Dalton Transactions, 2017, 46, 5406-5413.	1.6	51
16	Porous Ni-Co-Mn oxides prisms for high performance electrochemical energy storage. Applied Surface Science, 2017, 425, 1158-1167.	3.1	22
17	Facile synthesis of mesoporous hierarchical ZnS@Î²-Ni(OH)₂ microspheres for flexible solid state hybrid supercapacitors. RSC Advances, 2016, 6, 101016-101022.	1.7	10
18	Mesoporous hybrid NiO_xâ€“MnO_x nanoprisms for flexible solid-state asymmetric supercapacitors. Dalton Transactions, 2016, 45, 10789-10797.	1.6	35

#	Article	IF	Citations
19	Sodiumâ€Doped Mesoporous Ni₂P₂O₇ Hexagonal Tablets for Highâ€Performance Flexible Allâ€Solidâ€State Hybrid Supercapacitors. Chemistry - an Asian Journal, 2015, 10, 1731-1737.	1.7	80
20	Template-free synthesis of hierarchically porous NaCoPO₄â€“Co₃O₄ hollow microspheres and their application as electrocatalysts for glucose. CrystEngComm, 2015, 17, 4540-4546.	1.3	8
21	NiS Hollow Spheres for Highâ€Performance Supercapacitors and Nonâ€Enzymatic Glucose Sensors. Chemistry - an Asian Journal, 2015, 10, 679-686.	1.7	87
22	Reed Leaves as a Sustainable Silica Source for 3D Mesoporous Nickel (Cobalt) Silicate Architectures Assembled into Ultrathin Nanoflakes for Highâ€Performance Supercapacitors. Advanced Materials Interfaces, 2015, 2, 1400377.	1.9	62
23	Hierarchically Porous NaCoPO₄ -Co₃ O₄ Hollow Microspheres for Flexible Asymmetric Solid-State Supercapacitors. Particle and Particle Systems Characterization, 2015, 32, 831-839.	1.2	47
24	Comparison of NiS₂ and Î±-NiS hollow spheres for supercapacitors, non-enzymatic glucose sensors and water treatment. Dalton Transactions, 2015, 44, 17278-17285.	1.6	93
25	Mesoporous ZnSâ€“NiS Nanocomposites for Nonenzymatic Electrochemical Glucose Sensors. ChemistryOpen, 2015, 4, 32-38.	0.9	18
26	Zeolitic Imidazolate Framework-67 Rhombic Dodecahedral Microcrystals with Porous {110} Facets As a New Electrocatalyst for Sensing Glutathione. Particle and Particle Systems Characterization, 2015, 32, 429-433.	1.2	21
27	Mesoporous ZnO-NiO architectures for use in a high-performance nonenzymatic glucose sensor. Mikrochimica Acta, 2014, 181, 1581-1589.	2.5	41
28	Nitrogen-Doped Carbon-Copper Nanohybrids as Electrocatalysts in H2O2and Glucose Sensing. ChemElectroChem, 2014, 1, 682-682.	1.7	2
29	Nitrogenâ€Doped Carbonâ€“Copper Nanohybrids as Electrocatalysts in H₂O₂ and Glucose Sensing. ChemElectroChem, 2014, 1, 799-807.	1.7	36
30	Mesoporous 3D ZnOâ€“NiO architectures for high-performance supercapacitor electrode materials. CrystEngComm, 2014, 16, 4169-4175.	1.3	53
31	Assembling CdS mesoporous nanosheets into 3D hierarchitectures for effective photocatalytic performance. Dalton Transactions, 2014, 43, 5687-5693.	1.6	20
32	Microwave-assisted synthesis of NiS2 nanostructures for supercapacitors and cocatalytic enhancing photocatalytic H2 production. Scientific Reports, 2014, 4, 3577.	1.6	222
33	Thermodynamic Studies of Rod- and Spindle-Shaped Î²-FeOOH Crystals. Journal of Chemical & Engineering Data, 2010, 55, 366-369.	1.0	14
34	Novel Synthesis of Î²â€FeOOH Nanofluid and Determination of Its Heat Capacity by an Adiabatic Calorimeter. Chinese Journal of Chemistry, 2009, 27, 1249-1253.	2.6	5