Chun Zhao

List of Publications by Year
in descending order

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39 papers	982 citations	361413 20 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	1465 citing authors

#	Article	IF	Citations
1	A novel electrochemical ammoniaâ€“nitrogen sensor based on carbon cloth-supported hierarchical Pt nanosheets-Ni(OH)2 nanosheets nanocomposites. Chemical Engineering Science, 2021, 239, 116634.	3.8	14
2	Fabrication of a Ni foam-supported platinum nanoparticles-silver/polypyrrole electrode for aqueous ammonia sensing. Synthetic Metals, 2020, 259, 116257.	3.9	28
3	Fabrication of ZnO/Carbon Quantum Dots Composite Sensor for Detecting NO Gas. Sensors, 2020, 20, 4961.	3.8	39
4	Preparation of Stainless Steel Mesh-Supported MnO₂/Polypyrrole Nanocomposites as Binder-Free Electrode for Supercapacitor. Nano, 2020, 15, 2050031.	1.0	6
5	In situ synthesis of hierarchical platinum nanosheets-polyaniline array on carbon cloth for electrochemical detection of ammonia. Journal of Hazardous Materials, 2020, 392, 122342.	12.4	40
6	Gas sensor based on Ni foam: SnO2-decorated NiO for Toluene detection. Sensors and Actuators B: Chemical, 2020, 318, 128167.	7.8	37
7	Synthesis of three-dimensional hierarchical furball-like tungsten trioxide microspheres for high performance supercapacitor electrodes. RSC Advances, 2020, 10, 13437-13441.	3.6	11
8	Selective-detection NO at room temperature on porous ZnO nanostructure by solid-state synthesis method. Journal of Colloid and Interface Science, 2019, 556, 640-649.	9.4	33
9	Non-conjugated polymer carbon dots for fluorometric determination of metronidazole. Mikrochimica Acta, 2019, 186, 652.	5.0	27
10	Synthesis of Three-Dimensional Hierarchical Urchinlike Tungsten Trioxide Microspheres for High-Performance Supercapacitor Electrode. Crystals, 2019, 9, 485.	2.2	5
11	A Simple Dip-Coating Method of SnO2-NiO Composite Thin Film on a Ceramic Tube Substrate for Methanol Sensing. Crystals, 2019, 9, 621.	2.2	13
12	Construction of CuO@Niâ€“Fe layered double hydroxide hierarchical coreâ€“shell nanorods arrays on copper foam for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2019, 30, 2080-2088.	2.2	19
13	Facile route to achieve book-like tricobalt tetraoxide microstructures on copper foam for high performance supercapacitor. Materials Letters, 2018, 220, 78-81.	2.6	11
14	A high-performance supercapacitor electrode based on three-dimensional poly-rowed copper hydroxide nanorods on copper foam. Journal of Materials Science: Materials in Electronics, 2018, 29, 2660-2667.	2.2	5
15	A high-performance supercapacitor electrode based on tremella-like NiC₂O₄@NiO core/shell hierarchical nanostructures on nickel foam. Dalton Transactions, 2017, 46, 1857-1863.	3.3	52
16	Construction of leaf-like CuOâ€“Cu₂O nanocomposites on copper foam for high-performance supercapacitors. Dalton Transactions, 2017, 46, 3318-3324.	3.3	62
17	One-step method of direct growth spherical carbon on nickel foam as high-performance binder-free electrodes for supercapacitors. Materials Letters, 2017, 200, 35-38.	2.6	5
18	Facile route to achieve mesoporous Cu(OH) 2 nanorods on copper foam for high-performance supercapacitor electrode. Journal of Alloys and Compounds, 2017, 699, 706-712.	5.5	82

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19	Enhanced electrochemical glucose-sensing properties of NiO nanospheres modified with indium. Journal of Materials Science, 2017, 52, 11547-11553.	3.7	11
20	Design and Implementation of the Constant Temperature System of Ultrasonic Cleaner. , 2017, , .		0
21	Flower-like polyanilineâ€“NiO structures: a high specific capacity supercapacitor electrode material with remarkable cycling stability. RSC Advances, 2016, 6, 43959-43963.	3.6	42
22	In situ facile surface oxidation method prepared ball of yarn-like copper oxide hierarchical microstructures on copper foam for high performance supercapacitor. Materials Letters, 2016, 185, 165-168.	2.6	22
23	Mixed-potential type NO sensor using stabilized zirconia and MoO3â€“In2O3 nanocomposites. Ceramics International, 2016, 42, 12503-12507.	4.8	37
24	Design and construction of three-dimensional flower-like CuO hierarchical nanostructures on copper foam for high performance supercapacitor. Electrochimica Acta, 2016, 210, 639-645.	5.2	88
25	In situ growth of NiO nanostructures directly on nickel foam and its electrochemical property. Journal of Materials Science: Materials in Electronics, 2015, 26, 2995-3000.	2.2	23
26	Preparation of Ni(OH)₂ nanosheets on Ni foam via a direct precipitation method for a highly sensitive non-enzymatic glucose sensor. RSC Advances, 2015, 5, 53665-53670.	3.6	29
27	Flexible carbon cloth based polypyrrole for an electrochemical supercapacitor. Journal of Materials Science: Materials in Electronics, 2015, 26, 6373-6379.	2.2	20
28	A novel high-performance electrode: in-situ growth of copper sulfide film on copper foil for the application of supercapacitor. Journal of Materials Science: Materials in Electronics, 2015, 26, 4185-4192.	2.2	22
29	A simple route for consecutive production of activated carbon and liquid compound fertilizer from rice husk. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 446, 90-96.	4.7	11
30	Gas-Sensing Hollow-Core Waveguide Based on a Liquid Film. Spectroscopy Letters, 2014, 47, 192-196.	1.0	0
31	Immune recognition construct plasmonic dimer for SERSâ€based bioassay. Journal of Raman Spectroscopy, 2013, 44, 1253-1258.	2.5	5
32	Nickel foam based polypyrroleâ€“Ag composite film: a new route toward stable electrodes for supercapacitors. New Journal of Chemistry, 2013, 37, 337-341.	2.8	59
33	Integrated carbon spheres on nickel foam as electrode for supercapacitors. Micro and Nano Letters, 2013, 8, 151-154.	1.3	3
34	Determination of Sulfamethoxydiazine in Pig Feed Based on Transmittance near Infrared Spectra. Journal of Near Infrared Spectroscopy, 2012, 20, 397-406.	1.5	0
35	On-line analysis of sulfonamides in pharmaceutical wastewater based on magnetic molecularly imprinted polymer extraction and near infrared spectroscopy. Analytical Methods, 2012, 4, 1813.	2.7	10
36	Facile synthesis of hollow urchin-like gold nanoparticles and their catalytic activity. Gold Bulletin, 2012, 45, 91-98.	2.4	33

#	Article	IF	Citations
37	One-pot synthesis of nickel oxideâ€“carbon composite microspheres on nickel foam for supercapacitors. Journal of Materials Science, 2012, 47, 2182-2187.	3.7	22
38	Adaptive fuzzy controller for track-keeping in autopilot simulator system. , 2011, , .		0
39	Preparation of Nanoscale Ag Semishell Array with Tunable Interparticle Distance and Its Application in Surface-Enhanced Raman Scattering. Journal of Physical Chemistry C, 2010, 114, 2886-2890.	3.1	56