

Chongjun Zhao

List of Publications by Year in descending order

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63
papers

3,116
citations

136950

32
h-index

155660

55
g-index

65
all docs

65
docs citations

65
times ranked

4886
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved supercapacitor performance of Î±-starch-derived porous carbon through gelatinization. <i>Journal of Power Sources</i> , 2022, 521, 230942.	7.8	24
2	Surface engineering of reclaimed carbon fiber (RCF) electrode for superimposed supercapacitor performance. <i>Journal of Energy Storage</i> , 2022, 46, 103786.	8.1	6
3	Vaporized Hydrothermal Functionalization of Carbon Fiber and Its Superior Supercapacitor Performance. <i>Energy & Fuels</i> , 2022, 36, 4052-4064.	5.1	14
4	Dual Carbon-Supported ZnO/CuO Nanocomposites as an Anode with Improved Performance for Li-Ion Batteries. <i>Energy & Fuels</i> , 2022, 36, 5483-5491.	5.1	5
5	<sc>N</sc> electrochemical reduction on two dimensional transition metal monoborides: A density functional theory study. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26548.	2.0	4
6	Aerobic Recovered Carbon Fiber Support-Based MoO₂/MnO₂ Asymmetric Supercapacitor with a Widened Voltage Window. <i>Energy & Fuels</i> , 2021, 35, 6909-6920.	5.1	20
7	One-pot construction of highly oriented Co-MOF nanoneedle arrays on Co foam for high-performance supercapacitor. <i>Nanotechnology</i> , 2021, 32, 395606.	2.6	12
8	CO₂ Capture, Separation and Reduction on Boron-Î€Doped MoS₂, MoSe₂ and Heterostructures with Different Doping Densities: A Theoretical Study. <i>ChemPhysChem</i> , 2021, 22, 2392-2400.	2.1	4
9	Direct Regulation of Double Cation Defects at the A1A2 Site for a High-Performance Oxygen Evolution Reaction Perovskite Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 332-340.	8.0	18
10	One-step simultaneously heteroatom doping and phosphating to construct 3D FeP/C nanocomposite for lithium storage. <i>Applied Surface Science</i> , 2020, 500, 144055.	6.1	19
11	Porous Co₉S₈ Nanosheet Arrays@Co Foam Electrode via in Situ Sulfidation at Room Temperature for Superior Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 83-91.	3.1	15
12	Hydrolysis assisted in-situ growth of 3D hierarchical FeS/NiS/nickel foam electrode for overall water splitting. <i>Electrochimica Acta</i> , 2020, 332, 135534.	5.2	44
13	The Second Near-Infrared Window Persistent Luminescence for Anti-Counterfeiting Application. <i>Crystal Growth and Design</i> , 2020, 20, 1859-1867.	3.0	46
14	Ni,Zn-codoped MgCo2O4 electrodes for aqueous asymmetric supercapacitor and rechargeable Zn battery. <i>Journal of Power Sources</i> , 2019, 437, 226941.	7.8	48
15	Cholesterol-Modified Black Phosphorus Nanospheres for the First NIR-II Fluorescence Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21399-21407.	8.0	52
16	High OER performance Ni(OH)2 with hierarchical structure. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2051-2060.	2.5	11
17	Attaining a high energy density of 106â€ˆWhâ€ˆkgâ€ˆ⁻¹ for aqueous supercapacitor based on VS4/rGO/CoS2@Co electrode. <i>Chemical Engineering Journal</i> , 2019, 365, 88-98.	12.7	40
18	Reclaimed Carbon Fiber-Based 2.4 V Aqueous Symmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5095-5102.	6.7	35

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19	Surface Reconstruction of $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$ for Superimposed OER Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47858-47867.	8.0	64
20	Phytic acid-derived $\text{Co}_2\text{-xNi}_x\text{P}_2\text{O}_7\text{-C/RGO}$ and its superior OER electrocatalytic performance. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 844-852.	7.1	26
21	One-step preparation of Fe-doped $\text{Ni}_3\text{S}_2/\text{rGO}@\text{NF}$ electrode and its superior OER performances. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2664-2674.	7.1	50
22	Facile construction of MoS_2/RCF electrode for high-performance supercapacitor. <i>Carbon</i> , 2018, 127, 699-706.	10.3	114
23	One-pot hydrothermal synthesis of $\text{ZnO/RGO/ZnO}@\text{Zn}$ sensor for sunset yellow in soft drinks. <i>Talanta</i> , 2018, 179, 836-844.	5.5	28
24	One-step construction of hierarchical $\text{Ni}(\text{OH})_2/\text{RGO}/\text{Cu}_2\text{O}$ on Cu foil for ultra-sensitive non-enzymatic glucose and hydrogen peroxide detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 274, 163-171.	7.8	45
25	Ni counterpart-assisted synthesis of nanoarchitected $\text{Co}_3\text{O}_4/\text{CoS}/\text{Ni}(\text{OH})_2@\text{Co}$ electrode for superior supercapacitor. <i>Electrochimica Acta</i> , 2018, 284, 444-453.	5.2	38
26	<i>In situ</i> conversion of sub-4 nm $\text{Co}(\text{OH})_2$ nanosheet arrays from phytic acid-derived $\text{Co}_3(\text{HPO}_4)_2(\text{OH})_2$ for superior high loading supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20015-20024.	10.3	35
27	Blood Circulation, Biodistribution, and Pharmacokinetics of Dextran-Modified Black Phosphorus Nanoparticles. <i>ACS Applied Bio Materials</i> , 2018, 1, 673-682.	4.6	29
28	Functionalization of small black phosphorus nanoparticles for targeted imaging and photothermal therapy of cancer. <i>Science Bulletin</i> , 2018, 63, 917-924.	9.0	67
29	Hierarchical $\text{FeS/RGO}/\text{FeS}@\text{Fe}$ foil as high-performance negative electrode for asymmetric supercapacitors. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1912-1922.	6.0	36
30	Solar-assisting pyrolytically reclaimed carbon fiber and their hybrids of MnO_2/RCF for supercapacitor electrodes. <i>Carbon</i> , 2017, 114, 230-241.	10.3	42
31	Hydrothermal deposition of $\text{CuO/rGO}/\text{Cu}_2\text{O}$ nanocomposite on copper foil for sensitive nonenzymatic voltammetric determination of glucose and hydrogen peroxide. <i>Mikrochimica Acta</i> , 2017, 184, 2341-2348.	5.0	55
32	One-pot Hydrothermal Synthesis of RGO/FeS Composite on Fe Foil for High Performance Supercapacitors. <i>Electrochimica Acta</i> , 2017, 246, 497-506.	5.2	86
33	Facile synthesis of layered $\text{CuS/RGO}/\text{CuS}$ nanocomposite on Cu foam for ultrasensitive nonenzymatic detection of glucose. <i>Journal of Electroanalytical Chemistry</i> , 2017, 785, 172-179.	3.8	48
34	3D walnut-shaped $\text{TiO}_2/\text{RGO}/\text{MoO}_2@\text{Mo}$ electrode exhibiting extraordinary supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18777-18785.	10.3	34
35	Roe-shaped $\text{Ni}_3(\text{PO}_4)_2/\text{RGO}/\text{Co}_3(\text{PO}_4)_2(\text{NRC})$ nanocomposite grown in situ on Co foam for superior supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18594-18602.	10.3	51
36	Side Effect of Good's Buffers on Optical Properties of Gold Nanoparticle Solutions. <i>ChemElectroChem</i> , 2016, 3, 1212-1218.	3.4	3

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37	One-step hydrothermal preparation of TiO ₂ /RGO/Ni(OH) ₂ /NF electrode with high performance for supercapacitors. <i>Electrochimica Acta</i> , 2016, 218, 216-227.	5.2	51
38	Co ₃ O ₄ /RGO/Co ₃ O ₄ pseudocomposite grown in situ on a Co foil for high-performance supercapacitors. <i>RSC Advances</i> , 2016, 6, 99640-99647.	3.6	23
39	Enabling a High Performance of Mesoporous γ -Fe ₂ O ₃ Anodes by Building a Conformal Coating of Cyclized-PAN Network. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19524-19532.	8.0	29
40	Fe ₂ O ₃ /Reduced Graphene Oxide/Fe ₃ O ₄ Composite in Situ Grown on Fe Foil for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30133-30142.	8.0	136
41	Two-Dimensional Titanium Carbide/RGO Composite for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15661-15667.	8.0	275
42	One-pot solventless preparation of PEGylated black phosphorus nanoparticles for photoacoustic imaging and photothermal therapy of cancer. <i>Biomaterials</i> , 2016, 91, 81-89.	11.4	403
43	A facile one-step route to synthesize the three-layer nanostructure of CuS/RGO/Ni ₃ S ₂ and its high electrochemical performance. <i>RSC Advances</i> , 2016, 6, 16963-16971.	3.6	20
44	Synthesis of Ni(OH) ₂ /RGO pseudocomposite on nickel foam for supercapacitors with superior performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3641-3650.	10.3	149
45	Vertically oriented Ni ₃ S ₂ /RGO/Ni ₃ S ₂ nanosheets on Ni foam for superior supercapacitors. <i>RSC Advances</i> , 2015, 5, 63528-63536.	3.6	41
46	One-pot synthesis of an RGO/ZnO nanocomposite on zinc foil and its excellent performance for the nonenzymatic sensing of xanthine. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 528-536.	7.8	31
47	Hydrothermal growth of MnO ₂ /RGO/Ni(OH) ₂ on nickel foam with superior supercapacitor performance. <i>RSC Advances</i> , 2015, 5, 62571-62576.	3.6	40
48	PEG-assisted hydrothermal synthesis and electrochemical performance of ZnO/Ketjenblack nanocomposite for lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 40219-40226.	3.6	5
49	Solvothermal recovery of carbon fibers from thermoset polymer-based carbon fiber reinforced polymers. <i>Journal of Reinforced Plastics and Composites</i> , 2015, 34, 1673-1683.	3.1	12
50	Microwave synthesis of LiMg _{0.05} Mn _{1.95} O ₄ and electrochemical performance at elevated temperature for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 569-575.	2.5	18
51	One-pot hydrothermal synthesis of reduced graphene oxide/Ni(OH) ₂ films on nickel foam for high performance supercapacitors. <i>Electrochimica Acta</i> , 2014, 115, 155-164.	5.2	187
52	Controllable synthesis of RGO/Fe _x O _y nanocomposites as high-performance anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9844-9850.	10.3	68
53	Synthesis and characterization of F-doped nanocrystalline Li ₄ Ti ₅ O ₁₂ /C compounds for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 41968-41975.	3.6	28
54	Structure and Performance of Dual-doped LiMn ₂ O ₄ Cathode Materials Prepared via Microwave Synthesis Method. <i>Electrochimica Acta</i> , 2014, 125, 225-231.	5.2	51

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55	One-pot Hydrothermal Synthesis of 3D Flower-like RGO/Co ₃ O ₄ /Ni(OH) ₂ Composite Film on Nickel Foam for High-performance Supercapacitors. <i>Electrochimica Acta</i> , 2014, 135, 336-344.	5.2	59
56	LiFePO ₄ /CA cathode nanocomposite with 3D conductive network structure for Li-ion battery. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1503-1508.	2.5	19
57	A Study of Nano Materials and Their Reactions in Liquid Using <i>in situ</i> Wet Cell TEM Technology. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2839-2843.	4.9	13
58	Pd nanoparticles formation by femtosecond laser irradiation and the nonlinear optical properties at 532 nm using nanosecond laser pulses. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	49
59	Femtosecond inverse Faraday effect in magnetic ionic liquid [bmim]FeCl ₄ . <i>Journal of Applied Physics</i> , 2011, 109, 073109.	2.5	11
60	Recovery of [BMIM]FeCl ₄ from homogeneous mixture using a simple chemical method. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 1275-1277.	2.7	22
61	Nanocomposite with Polypyrrole Encapsulated within SBA-15 Mesoporous Silica: Preparation and Its Electrochemical Application. <i>Electroanalysis</i> , 2009, 21, 1792-1798.	2.9	15
62	Spherical natural graphite coated by a thick layer of carbonaceous mesophase for use as an anode material in lithium ion batteries. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1081-1086.	2.9	22
63	Electrochemistry of Nitrogen-Doped Carbon Nanotubes (CN _x) with Different Nitrogen Content and Its Application in Simultaneous Determination of Dihydroxybenzene Isomers. <i>Electroanalysis</i> , 2008, 20, 1981-1986.	2.9	71