

Fanyan Zeng

List of Publications by Year in descending order

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28
papers

1,161
citations

430754

18
h-index

501076

28
g-index

28
all docs

28
docs citations

28
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene covalently functionalized with poly(p-phenylenediamine) as high performance electrode material for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3454.	5.2	104
2	Enhanced Gas-Sensing Properties of the Hierarchical TiO ₂ Hollow Microspheres with Exposed High-Energy {001} Crystal Facets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24902-24908.	4.0	99
3	Facile Preparation of High-Quality Graphene Scrolls from Graphite Oxide by a Microexplosion Method. <i>Advanced Materials</i> , 2011, 23, 4929-4932.	11.1	97
4	Supercapacitors based on high-quality graphene scrolls. <i>Nanoscale</i> , 2012, 4, 3997.	2.8	87
5	Reduced graphene oxide supported palladium-silver bimetallic nanoparticles for ethanol electro-oxidation in alkaline media. <i>Journal of Materials Science</i> , 2012, 47, 2188-2194.	1.7	79
6	Multilayer super-short carbon nanotube/reduced graphene oxide architecture for enhanced supercapacitor properties. <i>Journal of Power Sources</i> , 2014, 247, 396-401.	4.0	71
7	Three-dimensional flower-like nickel oxide supported on graphene sheets as electrode material for supercapacitors. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 146-152.	1.1	64
8	Preparation of well-dispersed PdAu bimetallic nanoparticles on reduced graphene oxide sheets with excellent electrochemical activity for ethanoloxidation in alkaline media. <i>Journal of Materials Chemistry</i> , 2012, 22, 1781-1785.	6.7	62
9	Facile construction of Mn ₃ O ₄ -MnO ₂ hetero-nanorods/graphene nanocomposite for highly sensitive electrochemical detection of hydrogen peroxide. <i>Electrochimica Acta</i> , 2016, 196, 587-596.	2.6	61
10	Single-crystalline porous nanosheets assembled hierarchical Co ₃ O ₄ microspheres for enhanced gas-sensing properties to trace xylene. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 68-77.	4.0	60
11	Tunable Surface Selenization on MoO ₂ -Based Carbon Substrate for Notably Enhanced Sodium-Ion Storage Properties. <i>Small</i> , 2020, 16, e2001905.	5.2	60
12	Porous Co ₃ O ₄ /CoS ₂ nanosheet-assembled hierarchical microspheres as superior electrocatalyst towards oxygen evolution reaction. <i>Electrochimica Acta</i> , 2018, 268, 10-19.	2.6	48
13	Hierarchical hybrid film of MnO ₂ nanoparticles/multi-walled fullerene nanotubes-graphene for highly selective sensing of hydrogen peroxide. <i>Talanta</i> , 2015, 141, 86-91.	2.9	30
14	Synthetic strategy and evaluation of hierarchical nanoporous NiO/NiCoP microspheres as efficient electrocatalysts for hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2018, 292, 88-97.	2.6	27
15	In-situ carbon encapsulation of ultrafine VN in yolk-shell nanospheres for highly reversible sodium storage. <i>Carbon</i> , 2021, 175, 289-298.	5.4	27
16	Encapsulating N-Doped Carbon Nanorod Bundles/MoO ₂ Nanoparticles via Surface Growth of Ultrathin MoS ₂ Nanosheets for Ultrafast and Ultralong Cycling Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6205-6216.	4.0	22
17	Hierarchical sandwich-type tungsten trioxide nanoplatelets/graphene anode for high-performance lithium-ion batteries with long cycle life. <i>Electrochimica Acta</i> , 2016, 190, 964-971.	2.6	21
18	Granular molybdenum dioxide precipitated on N-doped carbon nanorods with multistage architecture for ultralong-life sodium-ion batteries. <i>Electrochimica Acta</i> , 2019, 325, 134903.	2.6	19

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19	Porous architectures assembled with ultrathin Cu ₂ O@Mn ₃ O ₄ hetero-nanosheets vertically anchoring on graphene for high-rate lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 819, 152969.	2.8	19
20	High rate capability of ordered mesoporous carbon with platelet graphitic pore walls for lithium ion anodes. <i>Materials Letters</i> , 2011, 65, 897-900.	1.3	18
21	Mono-faceted WO _{3-x} nanorods <i>in situ</i> hybridized in carbon nanosheets for ultra-fast/stable sodium-ion storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23919-23929.	5.2	15
22	Core-shell-structured hollow carbon nanofiber@nitrogen-doped porous carbon composite materials as anodes for advanced sodium-ion batteries. <i>Journal of Materials Science</i> , 2017, 52, 2356-2365.	1.7	12
23	Graphene-templated growth of vertical MnO nanosheets with open macroporous architectures as anode materials for fast lithium storage. <i>Journal of Alloys and Compounds</i> , 2018, 769, 10-17.	2.8	11
24	Hierarchical Porous and Sandwich-like Sulfur-Doped Carbon Nanosheets as High-Performance Anodes for Sodium-Ion Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 2126-2135.	1.8	11
25	WO _{3-x} @W ₂ N heterogeneous nanorods cross-linked in carbon nanosheets for electrochemical potassium storage. <i>Chemical Engineering Journal</i> , 2022, 435, 135188.	6.6	10
26	A UPD-spontaneous redox approach to the preparation of monolayer palladium on reduced graphene oxide-supported gold nanoparticles for ethanol electrooxidation in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 16764-16769.	3.8	9
27	Influence of heat-treatment on lithium ion anode properties of mesoporous carbons with nanosheet-like walls. <i>Materials Research Bulletin</i> , 2012, 47, 2104-2107.	2.7	9
28	A simple microexplosion synthesis of graphene-based scroll-sheet conjoined nanomaterials for enhanced supercapacitor properties. <i>Electrochimica Acta</i> , 2015, 172, 71-76.	2.6	9