

Yueming Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2302096/publications.pdf>

Version: 2024-02-01

65
papers

9,713
citations

117453

34
h-index

114278

63
g-index

66
all docs

66
docs citations

66
times ranked

14010
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma boosted N, P, O co-doped carbon microspheres for high performance Zn ion hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 901, 163588.	2.8	50
2	Evidence of high temperature stable performance of polyether ether ketone (PEEK) separator with sponge-structured in lithium-ion battery. <i>Journal of Materials Science</i> , 2022, 57, 7042-7055.	1.7	11
3	Cole-pollen derived hierarchical porous carbon/graphene composites boosted by Zn and N doping for highly efficient oxygen reduction reaction. <i>Journal of Porous Materials</i> , 2022, 29, 1177-1189.	1.3	2
4	Coupling effects of Zn single atom and high curvature supports for improved performance of CO ₂ reduction. <i>Science Bulletin</i> , 2021, 66, 1649-1649.	4.3	36
5	A review on novel activation strategy on carbonaceous materials with special morphology/texture for electrochemical storage. <i>Journal of Energy Chemistry</i> , 2021, 60, 572-590.	7.1	49
6	Interconnected Porous Poly(ether imide) Separator for Thermally Stable Sodium Ion Battery. <i>ACS Applied Energy Materials</i> , 2021, 4, 11080-11089.	2.5	9
7	Enhancing the low-temperature performance in lithium ion batteries of Nb ₂ O ₅ by combination of W doping and MXene addition. <i>Journal of Power Sources</i> , 2021, 515, 230601.	4.0	18
8	A novel all solid-state asymmetric supercapacitor with superior electrochemical performance in a wide temperature range using a hydroquinone modified graphene xerogel as the cathode and N-doped Ti ₃ C ₂ T _x as the anode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1687-1696.	5.2	36
9	ZnO nanoparticles embedded in graphene xerogel as anode materials in Zn/Ni batteries with superior electrochemical performances. <i>Ionics</i> , 2020, 26, 5597-5605.	1.2	5
10	Durian shell-derived N, O, P-doped activated porous carbon materials and their electrochemical performance in supercapacitor. <i>Journal of Materials Science</i> , 2020, 55, 10142-10154.	1.7	53
11	The optimized LiBF ₄ based electrolytes for TiO ₂ (B) anode in lithium ion batteries with an excellent low temperature performance. <i>Journal of Power Sources</i> , 2020, 453, 227908.	4.0	30
12	Preparation of W-doped hierarchical porous Li ₄ Ti ₅ O ₁₂ /brookite nanocomposites for high rate lithium ion batteries at ~ 20 °C. <i>Journal of Power Sources</i> , 2019, 437, 226890.	4.0	25
13	Regulating Polymerization in Graphitic Carbon Nitride To Improve Photocatalytic Activity. <i>Chemistry of Materials</i> , 2019, 31, 9188-9199.	3.2	57
14	N-doped carbon coated NiCo ₂ S ₄ hollow nanotube as bifunctional electrocatalyst for overall water splitting. <i>Carbon</i> , 2019, 145, 521-528.	5.4	83
15	Harvesting vapor by hygroscopic acid to create pore: Morphology, crystallinity and performance of poly(ether ether ketone) lithium ion battery separator. <i>Journal of Membrane Science</i> , 2019, 577, 1-11.	4.1	35
16	Multiple phase N-doped TiO ₂ nanotubes/TiN/graphene nanocomposites for high rate lithium ion batteries at low temperature. <i>Journal of Power Sources</i> , 2019, 423, 166-173.	4.0	40
17	Carbon Nano-Onions Embedded CuO Nanosheets: An Excellent Stable Anode Material for Lithium Ion Battery. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 484, 012005.	0.3	0
18	The excellent capacitive capability for N,P-doped carbon microsphere/reduced graphene oxide nanocomposites in H ₂ SO ₄ /KI redox electrolyte. <i>Journal of Materials Science</i> , 2019, 54, 7665-7678.	1.7	32

#	ARTICLE	IF	CITATIONS
19	A novel strategy for preparing layered double hydroxide/exfoliated carbon nanostructures composites as superior electrochemical catalysts with respect to oxygen evolution and methanol oxidation. <i>Journal of Alloys and Compounds</i> , 2018, 744, 347-356.	2.8	13
20	Preparation of ternary phase Li ₄ Ti ₅ O ₁₂ /anatase/rutile nanocomposites with defects and their enhanced capability for lithium ion storage. <i>Journal of Alloys and Compounds</i> , 2018, 769, 463-470.	2.8	8
21	N, P-codoped Mesoporous Carbon Supported PtCox Nanoparticles and Their Superior Electrochemical toward Methanol Oxidation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 128, 012164.	0.2	1
22	MOF-derived, CeO _x -modified CoP/carbon composites for oxygen evolution and hydrogen evolution reactions. <i>Journal of Materials Science</i> , 2018, 53, 12123-12131.	1.7	20
23	Fabrication of free-standing N-doped carbon/TiO ₂ hierarchical nanofiber films and their application in lithium and sodium storages. <i>Journal of Alloys and Compounds</i> , 2017, 701, 372-379.	2.8	29
24	Exfoliated MoS ₂ nanosheets promoted PtCu/graphene nanocomposites with superior electrocatalytic activity toward methanol oxidation. <i>Materials Letters</i> , 2017, 198, 148-151.	1.3	3
25	Constructing a novel strategy for carbon-doped TiO ₂ multiple-phase nanocomposites toward superior electrochemical performance for lithium ion batteries and the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7055-7063.	5.2	54
26	DFT study of hydrogen production from formic acid decomposition on Pd-Au alloy nanoclusters. <i>Applied Surface Science</i> , 2017, 426, 194-205.	3.1	46
27	Preparation of Ce- and La-Doped Li ₄ Ti ₅ O ₁₂ Nanosheets and Their Electrochemical Performance in Li Half Cell and Li ₄ Ti ₅ O ₁₂ /LiFePO ₄ Full Cell Batteries. <i>Nanomaterials</i> , 2017, 7, 150.	1.9	29
28	Simulation of the effect of spout lip installation location on molten glass evolution in the tin bath entry end. <i>Glass Technology: European Journal of Glass Science and Technology Part A</i> , 2017, 58, 137-144.	0.2	0
29	N-doped TiO ₂ Nanotubes as an Effective Additive to Improve the Catalytic Capability of Methanol Oxidation for Pt/Graphene Nanocomposites. <i>Nanomaterials</i> , 2016, 6, 40.	1.9	17
30	Preparation of hierarchical porous graphene nanosheets with high specific surface area and their electrochemical behaviors in supercapacitors. <i>Materials Chemistry and Physics</i> , 2016, 177, 171-178.	2.0	10
31	Simulation of Molten Glass Evolution from Spout Lip to Tin Bath. <i>International Journal of Applied Glass Science</i> , 2016, 7, 492-502.	1.0	3
32	Preparation of nitrogen- and phosphorous co-doped carbon microspheres and their superior performance as anode in sodium-ion batteries. <i>Carbon</i> , 2016, 99, 556-563.	5.4	218
33	Solid Electrolytes: Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity (<i>Adv. Energy Mater.</i> 24/2015). <i>Advanced Energy Materials</i> , 2015, 5, .	10.2	3
34	Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity. <i>Advanced Energy Materials</i> , 2015, 5, 1501294.	10.2	207
35	Dual Doping: An Effective Method to Enhance the Electrochemical Properties of Li ₁₀ GeP ₂ S ₁₂ -Based Solid Electrolytes. <i>Journal of the American Ceramic Society</i> , 2015, 98, 3831-3835.	1.9	33
36	Effect of different reduction methods on electrochemical cycling stability of reduced graphene oxide in supercapacitors. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 57-65.	1.5	7

#	ARTICLE	IF	CITATIONS
37	Ammonia-free preparation of Ag@SiO ₂ core/shell nanoparticles. Applied Surface Science, 2015, 345, 122-126.	3.1	27
38	Gd doped single-crystalline Li ₄ Ti ₅ O ₁₂ /TiO ₂ nanosheets composites as superior anode material in lithium ion batteries. Electrochimica Acta, 2015, 182, 368-375.	2.6	37
39	Preparation of reduced graphene oxide with high volumetric capacitance in supercapacitors. Chemical Communications, 2015, 51, 5598-5601.	2.2	57
40	N-doped ordered mesoporous carbon as a high performance anode material in sodium ion batteries at room temperature. RSC Advances, 2014, 4, 62673-62677.	1.7	50
41	KOH activated carbon/graphene nanosheets composites as high performance electrode materials in supercapacitors. RSC Advances, 2014, 4, 48758-48764.	1.7	36
42	Activated carbon/ZnO composites prepared using hydrochars as intermediate and their electrochemical performance in supercapacitor. Materials Chemistry and Physics, 2014, 148, 380-386.	2.0	62
43	Ordered Assembly of NiCo ₂ O ₄ Multiple Hierarchical Structures for High-Performance Pseudocapacitors. ACS Applied Materials & Interfaces, 2014, 6, 11394-11402.	4.0	131
44	N-doped TiO ₂ nanotubes/N-doped graphene nanosheets composites as high performance anode materials in lithium-ion battery. Journal of Materials Chemistry A, 2014, 2, 15473.	5.2	113
45	Highly efficient electrocatalytic hydrogen production by nickel promoted molybdenum sulfide microspheres catalysts. RSC Advances, 2013, 3, 21231.	1.7	91
46	Facile treatment of wastewater produced in Hummer's method to prepare Mn ₃ O ₄ nanoparticles and study their electrochemical performance in an asymmetric supercapacitor. RSC Advances, 2013, 3, 2398.	1.7	35
47	Kinetics of (3-Aminopropyl)triethoxysilane (APTES) Silanization of Superparamagnetic Iron Oxide Nanoparticles. Langmuir, 2013, 29, 15275-15282.	1.6	166
48	Facile Synthesis of Magnesianated γ -MoO ₃ and Its Electrochemical Performance in Li-Ion Batteries. Journal of Nanoscience and Nanotechnology, 2012, 12, 2839-2843.	0.9	1
49	Strong reduced graphene oxide-polymer composites: hydrogels and wires. RSC Advances, 2012, 2, 6988.	1.7	98
50	Low temperature synthesis of NiO/Co ₃ O ₄ composite nanosheets as high performance Li-ion battery anode materials. Science Bulletin, 2012, 57, 4195-4198.	1.7	6
51	Graphene based supercapacitor fabricated by vacuum filtration deposition. Journal of Power Sources, 2012, 206, 476-482.	4.0	118
52	KOH modified graphene nanosheets for supercapacitor electrodes. Journal of Power Sources, 2011, 196, 6003-6006.	4.0	173
53	Noncovalent DNA decorations of graphene oxide and reduced graphene oxide toward water-soluble metal-carbon hybrid nanostructures via self-assembly. Journal of Materials Chemistry, 2010, 20, 900-906.	6.7	167
54	Preparation of SnO ₂ -Nanocrystal/Graphene-Nanosheets Composites and Their Lithium Storage Ability. Journal of Physical Chemistry C, 2010, 114, 21770-21774.	1.5	377

#	ARTICLE	IF	CITATIONS
55	Direct electrochemistry of hemoglobin immobilized in CuO nanowire bundles. <i>Talanta</i> , 2010, 83, 162-166.	2.9	26
56	P25-Graphene Composite as a High Performance Photocatalyst. <i>ACS Nano</i> , 2010, 4, 380-386.	7.3	2,946
57	High performance binderless TiO ₂ nanowire arrays electrode for lithium-ion battery. <i>Applied Physics Letters</i> , 2009, 95, 113102.	1.5	40
58	Preparation, Structure, and Electrochemical Properties of Reduced Graphene Sheet Films. <i>Advanced Functional Materials</i> , 2009, 19, 2782-2789.	7.8	1,132
59	Preparation and electrochemical performance for methanol oxidation of pt/graphene nanocomposites. <i>Electrochemistry Communications</i> , 2009, 11, 846-849.	2.3	675
60	Application of graphene-modified electrode for selective detection of dopamine. <i>Electrochemistry Communications</i> , 2009, 11, 889-892.	2.3	1,067
61	Hydrazine-Linked Convergent Self-Assembly of Sophisticated Concave Polyhedrons of $\text{Ni}(\text{OH})_2$ and NiO from Nanoplate Building Blocks. <i>Journal of the American Chemical Society</i> , 2009, 131, 2959-2964.	6.6	137
62	CuO particles and plates: Synthesis and gas-sensor application. <i>Materials Research Bulletin</i> , 2008, 43, 2380-2385.	2.7	214
63	Synthesis, characterization and electrochemical properties of aluminum-substituted $\alpha\text{-Ni}(\text{OH})_2$ hollow spheres. <i>Journal of Alloys and Compounds</i> , 2008, 456, 339-343.	2.8	47
64	Carbon-Coated Macroporous $\text{Sn}_2\text{P}_2\text{O}_7$ as Anode Materials for Li-Ion Battery. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14216-14219.	1.5	62
65	$\text{Ni}_{1-x}\text{Pt}_x$ ($x = 0 \sim 0.12$) Hollow Spheres as Catalysts for Hydrogen Generation from Ammonia Borane. <i>Inorganic Chemistry</i> , 2007, 46, 788-794.	1.9	350