

# Lirong Kong

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,741  
citations

159585

30  
h-index

182427

51  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-doped carbon dots decorated on g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> photocatalyst with improved visible light photocatalytic activity and mechanism insight. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 459-469.	20.2	258
2	Carbon Nanotube and Graphene-based Bioinspired Electrochemical Actuators. <i>Advanced Materials</i> , 2014, 26, 1025-1043.	21.0	245
3	Constructing Carbon-Coated Fe <sub>3</sub> O <sub>4</sub> Microspheres as Antacid and Magnetic Support for Palladium Nanoparticles for Catalytic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 35-42.	8.0	162
4	g-C <sub>3</sub> N <sub>4</sub> /AgBr nanocomposite decorated with carbon dots as a highly efficient visible-light-driven photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 24-32.	9.4	129
5	Fabrication of an all solid Z-scheme photocatalyst g-C <sub>3</sub> N <sub>4</sub> /GO/AgBr with enhanced visible light photocatalytic activity. <i>Applied Catalysis A: General</i> , 2017, 539, 104-113.	4.3	124
6	Facile synthesis of multifunctional multiwalled carbon nanotubes/Fe <sub>3</sub> O <sub>4</sub> nanoparticles/polyaniline composite nanotubes. <i>Journal of Solid State Chemistry</i> , 2008, 181, 628-636.	2.9	85
7	Fabrication of Pt/polypyrrole hybrid hollow microspheres and their application in electrochemical biosensing towards hydrogen peroxide. <i>Talanta</i> , 2010, 81, 813-818.	5.5	83
8	Metal-organic framework derived Fe/Fe <sub>3</sub> C@N-doped-carbon porous hierarchical polyhedrons as bifunctional electrocatalysts for hydrogen evolution and oxygen-reduction reactions. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 93-101.	9.4	83
9	Facile synthesis of nickel-cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. <i>RSC Advances</i> , 2015, 5, 58777-58783.	3.6	75
10	Accurately Tuning the Dispersity and Size of Palladium Particles on Carbon Spheres and Using Carbon Spheres/Palladium Composite as Support for Polyaniline in H <sub>2</sub> O Electrochemical Sensing. <i>Langmuir</i> , 2010, 26, 5985-5990.	3.5	73
11	Constructing magnetic polyaniline/metal hybrid nanostructures using polyaniline/Fe <sub>3</sub> O <sub>4</sub> composite hollow spheres as supports. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2081-2087.	2.9	63
12	MOF derived nitrogen-doped carbon polyhedrons decorated on graphitic carbon nitride sheets with enhanced electrochemical capacitive energy storage performance. <i>Electrochimica Acta</i> , 2018, 265, 651-661.	5.2	63
13	A facile one-pot hydrothermal method to produce SnS <sub>2</sub> /reduced graphene oxide with flake-on-sheet structures and their application in the removal of dyes from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013, 406, 37-43.	9.4	58
14	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 10661-10668.	3.3	55
15	Synthesis and remarkable capacitive performance of reduced graphene oxide/silver/nickel-cobalt sulfide ternary nanocomposites. <i>Chemical Engineering Journal</i> , 2017, 308, 184-192.	12.7	54
16	Au nanoparticles-functionalized two-dimensional patterned conducting PANI nanobowl monolayer for gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 520-524.	7.8	50
17	Synthesis of Cu <sub>3</sub> P nanocubes and their excellent electrocatalytic efficiency for the hydrogen evolution reaction in acidic solution. <i>RSC Advances</i> , 2016, 6, 9672-9677.	3.6	49
18	Controllable Sandwiching of Reduced Graphene Oxide in Hierarchical Defect-Rich MoS <sub>2</sub> Ultrathin Nanosheets with Expanded Interlayer Spacing for Electrocatalytic Hydrogen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801093.	3.7	45

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19	Loading of Ag on Fe-Co-S/N-doped carbon nanocomposite to achieve improved electrocatalytic activity for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2019, 773, 40-49.	5.5	44
20	Nitrogen-doped carbon dots modified dibismuth tetraoxide microrods: A direct Z-scheme photocatalyst with excellent visible-light photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 473-482.	9.4	43
21	Ionic Liquid Templated Porous Boron-Doped Graphitic Carbon Nitride Nanosheet Electrode for High-Performance Supercapacitor. <i>Electrochimica Acta</i> , 2017, 245, 249-258.	5.2	42
22	Nitrogen-doped carbon dot-modified Ag <sub>3</sub> PO <sub>4</sub> /GO photocatalyst with excellent visible-light-driven photocatalytic performance and mechanism insight. <i>Catalysis Science and Technology</i> , 2018, 8, 632-641.	4.1	41
23	Nitrogen-doped carbon dots anchored NiO/Co <sub>3</sub> O <sub>4</sub> ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 282-289.	9.4	41
24	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. <i>Cellulose</i> , 2019, 26, 1195-1208.	4.9	40
25	Three-dimensional N-doped graphene/polyaniline composite foam for high performance supercapacitors. <i>Applied Surface Science</i> , 2018, 428, 348-355.	6.1	39
26	Unique tetragonal starlike polyaniline microstructure and its application in electrochemical biosensing. <i>Journal of Materials Chemistry</i> , 2010, 20, 3079.	6.7	37
27	Construction of rGO-Encapsulated Co <sub>3</sub> O <sub>4</sub> @CoFe <sub>2</sub> O <sub>4</sub> Composites with a Double-Buffer Structure for High-Performance Lithium Storage. <i>Small</i> , 2021, 17, e2101080.	10.0	36
28	Templated synthesis of polyaniline nanotubes with Pd nanoparticles attached onto their inner walls and its catalytic activity on the reduction of p-nitroanilinum. <i>Composites Science and Technology</i> , 2009, 69, 561-566.	7.8	35
29	Protein-derived nitrogen-doped hierarchically porous carbon as electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12206-12215.	2.2	34
30	A one-pot synthetic approach to prepare palladium nanoparticles embedded hierarchically porous TiO <sub>2</sub> hollow spheres for hydrogen peroxide sensing. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2421-2425.	2.9	33
31	Decoration of nickel hexacyanoferrate nanocubes onto reduced graphene oxide sheets as high-performance cathode material for rechargeable aqueous zinc-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 297-306.	9.4	30
32	Sword/scabbard-shaped asymmetric all-solid-state supercapacitors based on PPy-MWCNTs-silk and hollow graphene tube for wearable applications. <i>Chemical Engineering Journal</i> , 2021, 411, 128522.	12.7	29
33	Controlled fabrication of polypyrrole capsules and nanotubes in the presence of Rhodamine B. <i>Polymer Chemistry</i> , 2010, 1, 1602.	3.9	28
34	Belt-like nickel hydroxide carbonate/reduced graphene oxide hybrids: Synthesis and performance as supercapacitor electrodes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 748-756.	4.7	27
35	An Electrocatalyst for a Hydrogen Evolution Reaction in an Alkaline Medium: Three-Dimensional Graphene Supported CeO <sub>2</sub> Hollow Microspheres. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3952-3959.	2.0	27
36	Ionic liquid directed construction of foam-like mesoporous boron-doped graphitic carbon nitride electrode for high-performance supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 261-271.	9.4	26

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37	Bimetallic metal-organic framework derived Sn-based nanocomposites for high-performance lithium storage. <i>Electrochimica Acta</i> , 2019, 323, 134855.	5.2	25
38	Flower-like silver bismuthate supported on nitrogen-doped carbon dots modified graphene oxide sheets with excellent degradation activity for organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 167-176.	9.4	24
39	Graphene oxide-FePO <sub>4</sub> nanocomposite: Synthesis, characterization and photocatalytic properties as a Fenton-like catalyst. <i>Ceramics International</i> , 2018, 44, 7240-7244.	4.8	23
40	Bismuth oxide/nitrogen-doped carbon dots hollow and porous architectures for high-performance asymmetric supercapacitors. <i>Advanced Powder Technology</i> , 2020, 31, 632-638.	4.1	23
41	Ionic Liquid Directed Mesoporous Carbon Nanoflakes as an Efficient Electrode material. <i>Scientific Reports</i> , 2015, 5, 18236.	3.3	22
42	Carbon cloth supported graphitic carbon nitride nanosheets as advanced binder-free electrodes for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114390.	3.8	21
43	H <sub>2</sub> SO <sub>4</sub> -assisted tandem carbonization synthesis of PANI@carbon@textile flexible electrode for high-performance wearable energy storage. <i>Applied Surface Science</i> , 2021, 535, 147755.	6.1	21
44	Composite membranes based on sulfonated poly(aryl ether ketone)s containing the hexafluoroisopropylidene diphenyl moiety and poly(amic acid) for proton exchange membrane fuel cell application. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14622-14631.	7.1	20
45	Reduced graphene oxide uniformly decorated with Co nanoparticles: facile synthesis, magnetic and catalytic properties. <i>RSC Advances</i> , 2016, 6, 107709-107716.	3.6	20
46	BiPO <sub>4</sub> nanorods anchored in biomass-based carbonaceous aerogel skeleton: A 2D-3D heterojunction composite as an energy-efficient photocatalyst. <i>Journal of Supercritical Fluids</i> , 2019, 147, 33-41.	3.2	20
47	Nitrogen-enriched carbon spheres coupled with graphitic carbon nitride nanosheets for high performance supercapacitors. <i>Dalton Transactions</i> , 2018, 47, 9724-9732.	3.3	19
48	Three-dimensional graphene network deposited with mesoporous nitrogen-doped carbon from non-solvent induced phase inversion for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 21-31.	9.4	13
49	Highly monodispersed Fe <sub>2</sub> WO <sub>6</sub> micro-octahedrons with hierarchical porous structure and oxygen vacancies for lithium storage. <i>Chemical Engineering Journal</i> , 2021, 413, 127504.	12.7	13
50	Cyanometallic framework-derived dual-buffer structure of Sn-Co based nanocomposites for high-performance lithium storage. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154680.	5.5	12
51	Synthesis of GO@Ag <sub>2</sub> O nanocomposites with enhanced photocatalytic efficiency in the degradation of organic pollutants. <i>Journal of Materials Science</i> , 2017, 52, 6100-6110.	3.7	11
52	Silica nanocubes with a hierarchically porous structure. <i>RSC Advances</i> , 2012, 2, 2887.	3.6	10
53	Facile synthesis of polyaniline derivatives hollow microspheres with porous shells deposited on glass substrate. <i>Materials Chemistry and Physics</i> , 2010, 120, 336-340.	4.0	9
54	Carbon Cloth Supported Nitrogen Doped Porous Carbon Wrapped Co Nanoparticles for Effective Overall Water Splitting. <i>ChemCatChem</i> , 2021, 13, 2158-2166.	3.7	9

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55	Facile synthesis of novel tungsten-based hierarchical core-shell composite for ultrahigh volumetric lithium storage. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 28-36.	9.4	8
56	Ionic liquid directed assembly of wrinkled and porous composite electrode for high-power flexible supercapacitors. <i>RSC Advances</i> , 2014, 4, 65012-65020.	3.6	7
57	Fabrication of N-doped Reduced Graphene Oxide/Ag <sub>3</sub> PO <sub>4</sub> Nanocomposite with Excellent Photocatalytic Activity for the Degradation of Organic Pollutants. <i>Nano</i> , 2017, 12, 1750013.	1.0	7
58	Templated preparation of hierarchically porous nitrogen-doped carbon electrode material via a mild phase inversion route for high-performance supercapacitor. <i>Journal of Energy Storage</i> , 2020, 32, 101854.	8.1	7
59	Flower-like nickel-cobalt-layered double hydroxide nanosheets deposited on hierarchically porous graphitic carbon nitride for enhanced electrochemical energy storage. <i>Journal of Energy Storage</i> , 2022, 51, 104541.	8.1	5
60	Incorporation of Fe/Co species on carbon: A facile strategy for boosting oxygen evolution. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107674.	3.9	3
61	Zn-assisted self-assembly synthesis of graphene/multi-walled carbon nanotubes hybrid films for high-performance wearable supercapacitors. <i>Materials Chemistry and Physics</i> , 2022, 290, 126515.	4.0	2
62	Synthesis of Ag@AgI plasmonic photocatalyst with enhanced visible-light photocatalytic activity. , 0, 123, 156-167.		1