

Jiajia Huang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

774
citations

16
h-index

27
g-index

31
ext. papers

1,060
ext. citations

7.3
avg, IF

4.34
L-index

#	Paper	IF	Citations
30	An easy approach of preparing strongly luminescent carbon dots and their polymer based composites for enhancing solar cell efficiency. <i>Carbon</i> , 2014 , 70, 190-198	10.4	141
29	Ultra-Stretchable, durable and conductive hydrogel with hybrid double network as high performance strain sensor and stretchable triboelectric nanogenerator. <i>Nano Energy</i> , 2020 , 76, 105035	17.1	87
28	Carbon dots-incorporated composite membrane towards enhanced organic solvent nanofiltration performance. <i>Journal of Membrane Science</i> , 2018 , 549, 1-11	9.6	62
27	Graphenol defects induced blue emission enhancement in chemically reduced graphene quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22361-6	3.6	55
26	Ultrafine MoP Nanoparticle Splotched Nitrogen-Doped Carbon Nanosheets Enabling High-Performance 3D-Printed Potassium-Ion Hybrid Capacitors. <i>Advanced Science</i> , 2021 , 8, 2004142	13.6	40
25	Ultra-microporous N-doped carbon from polycondensed framework precursor for CO ₂ adsorption. <i>Microporous and Mesoporous Materials</i> , 2018 , 257, 19-26	5.3	40
24	Preparation of graphene oxide and polymer-like quantum dots and their one- and two-photon induced fluorescence properties. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 4800-6	3.6	39
23	Laminar MXene-Nafion-modified separator with highly inhibited shuttle effect for long-life lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2019 , 320, 134558	6.7	37
22	Polyphenylene sulfide based anion exchange fiber: synthesis, characterization and adsorption of Cr(VI). <i>Journal of Environmental Sciences</i> , 2012 , 24, 1433-8	6.4	33
21	Dual anionic vacancies on carbon nanofiber threaded MoSSe arrays: A free-standing anode for high-performance potassium-ion storage. <i>Energy Storage Materials</i> , 2020 , 27, 591-598	19.4	33
20	Resource recovery of Cr(VI) from electroplating wastewater: Laboratory and pilot-scale investigation using fibrous weak anion exchanger. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 54, 170-177	5.3	27
19	Highly luminescent and transparent ZnO quantum dots-epoxy composite used for white light emitting diodes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5480-4	3.6	25
18	Organic-inorganic hybrid microporous polymers based on Octaphenylcyclotetrasiloxane: Synthesis, carbonization and adsorption for CO ₂ . <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 130-136	5.3	25
17	A universal pH range and a highly efficient Mo ₂ C-based electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 19879-19886	13	23
16	Controlling conduction environments of anion exchange membrane by functionalized SiO ₂ for enhanced hydroxide conductivity. <i>Journal of Membrane Science</i> , 2019 , 569, 166-176	9.6	18
15	Intercalating ionic liquid in graphene oxide to create efficient and stable anhydrous proton transfer highways for polymer electrolyte membrane. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 11400-11410	6.7	16
14	Structural engineering of cathodes for improved Zn-ion batteries. <i>Journal of Energy Chemistry</i> , 2021 , 58, 147-155	12	13

13	Novel functional fiber loaded with carbon dots for the deep removal of Cr(VI) by adsorption and photocatalytic reduction. <i>Journal of Environmental Sciences</i> , 2019 , 83, 195-204	6.4	11
12	Hybridizing polymer electrolyte with poly(ethylene glycol) grafted polymer-like quantum dots for all-solid-state lithium batteries. <i>Journal of Membrane Science</i> , 2021 , 618, 118702	9.6	10
11	Preparation and characterization of polyphenylene sulfide-based chelating resin-functionalized 2-amino-1,3,4-thiadiazole for selective removal Hg(II) from aqueous solutions. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 1030-1038	3.2	8
10	Polyphenylene sulfide-based adsorption resins: synthesis, characterization and adsorption performance for Hg(II) and As(V). <i>Polymers for Advanced Technologies</i> , 2017 , 28, 1735-1742	3.2	7
9	SbF ₅ -loaded microcapsules for ultrafast self-healing of polymer. <i>Chinese Chemical Letters</i> , 2014 , 25, 1565-1568	5.1	7
8	Azido chelating fiber: synthesis, characterization and adsorption performances towards Hg ²⁺ and Pb ²⁺ from water. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 1418-1427	3.2	6
7	A Universal Polyiodide Regulation Using Quaternization Engineering toward High Value-Added and Ultra-Stable Zinc-Iodine Batteries.. <i>Advanced Science</i> , 2022 , e2105598	13.6	5
6	Tuning the Linkers in Polymer-Based Cathodes to Realize High Sulfur Content and High-Performance Potassium Sulfur Batteries. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 18604-18613	3.8	3
5	Synthesis of Comb-Like Macromolecules via Semi-Batch Miniemulsion RAFT Polymerizations. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800217	2.6	2
4	Self-assembled carbon nanoribbons with the heteroatom doping used as ultrafast charging cathodes in zinc-ion hybrid supercapacitors. <i>Science China Materials</i> , 1	7.1	1
3	Separation and Recovery Process of Copper (II) and Nickel (II) from Wastewater Using Ion Exchange Fiber. <i>ChemistrySelect</i> , 2021 , 6, 12985-12997	1.8	0
2	Ultrathin nitrogen-rich porous carbon nanosheets with fluorine doping for high-performance potassium storage. <i>Electrochimica Acta</i> , 2022 , 411, 140094	6.7	0
1	Biological As(III) Oxidation Coupled with As(V) Interception by Fibrous Anion Exchange Material FFA-1. <i>Water (Switzerland)</i> , 2022 , 14, 856	3	