Xuanbo Zhu

List of Publications by Year
in descending order

19	667	840776 11	839539 18
papers	citations	h-index	g-index

19	19	19	903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lead-free bright yellow emissive Rb2AgCl3 scintillators with nanosecond radioluminescence. Journal of Luminescence, 2022, 241, 118500.	3.1	10
2	A universal strategy to improve interfacial kinetics of solid supercapacitors used in high temperature. Journal of Colloid and Interface Science, 2021, 586, 110-119.	9.4	7
3	Egg white-derived carbon/magnetic nanoparticles/water-soluble graphene oxide composite with homogeneous structure as an excellent electromagnetic wave absorber. Journal of Materials Chemistry C, 2021, 9, 9292-9301.	5.5	13
4	Carbazole-Functionalized Poly(phenyl isocyanide)s: Synergistic Electrochromic Behaviors in the Visible Light Near-Infrared Region. Macromolecules, 2021, 54, 5249-5259.	4.8	16
5	ZnO Nanoneedle-Modified PEEK Fiber Felt for Improving Anti-fouling Performance of Oil/Water Separation. Langmuir, 2021, 37, 7449-7456.	3.5	10
6	Raman spectroscopy and correlativeâ€Raman technology excel as an optimal stage for carbonâ€based electrode materials in electrochemical energy storage. Journal of Raman Spectroscopy, 2021, 52, 2119-2130.	2.5	15
7	Nonlinear Optical Stability of Polyphenylsulfone (PPSU)â€Containing Anthraquinones with High Transmittance. Macromolecular Chemistry and Physics, 2021, 222, 2100112.	2.2	1
8	Mediator effect-assisted dual superlyophobic surface: PPY@Niâ€“Co LDH@PEEK textile for high performance separation of oil/water mixtures and immiscible organic liquids. Polymer, 2021, 229, 124017.	3.8	3
9	Polymeric Nanoâ€Blueâ€Energy Generator Based on Anionâ€Selective Ionomers with 3D Pores and pHâ€Driving Gating. Advanced Energy Materials, 2020, 10, 2001552.	19.5	20
10	Blue Energy: Polymeric Nanoâ€Blueâ€Energy Generator Based on Anionâ€Selective Ionomers with 3D Pores and pHâ€Driving Gating (Adv. Energy Mater. 44/2020). Advanced Energy Materials, 2020, 10, 2070182.	19.5	0
11	Design and synthesis of poly(arylene ether sulfone)s with high glass transition temperature by introducing biphenylene groups. Polymer International, 2020, 69, 1267-1274.	3.1	9
12	Improving the Liâ€“S battery performance by applying a combined interface engineering approach on the Li₂S cathode. Journal of Materials Chemistry A, 2019, 7, 27247-27255.	10.3	15
13	Unique ion rectification in hypersaline environment: A high-performance and sustainable power generator system. Science Advances, 2018, 4, eaau1665.	10.3	195
14	Ion selective separators based on graphene oxide for stabilizing lithium organic batteries. Inorganic Chemistry Frontiers, 2018, 5, 1869-1875.	6.0	11
15	Manipulating Bubbles in Aqueous Environment via a Lubricantâ€Infused Slippery Surface. Advanced Functional Materials, 2017, 27, 1701605.	14.9	114
16	3D Porous Hydrogel/Conducting Polymer Heterogeneous Membranes with Electroâ€/pHâ€Modulated Ionic Rectification. Advanced Materials, 2017, 29, 1702926.	21.0	74
17	A Charge-Density-Tunable Three/Two-Dimensional Polymer/Graphene Oxide Heterogeneous Nanoporous Membrane for Ion Transport. ACS Nano, 2017, 11, 10816-10824.	14.6	99
18	Superhydrophobic helix: controllable and directional bubble transport in an aqueous environment. Journal of Materials Chemistry A, 2016, 4, 16865-16870.	10.3	54

#	Article	IF	Citations
19	Preparation and properties of novel boric acid modified poly(aryl ether sulfone) membranes. Journal of Applied Polymer Science, 2014, 131, .	2.6	1