

# Xuanbo Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

667  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

903  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique ion rectification in hypersaline environment: A high-performance and sustainable power generator system. <i>Science Advances</i> , 2018, 4, eaau1665.	10.3	195
2	Manipulating Bubbles in Aqueous Environment via a Lubricant-Infused Slippery Surface. <i>Advanced Functional Materials</i> , 2017, 27, 1701605.	14.9	114
3	A Charge-Density-Tunable Three/Two-Dimensional Polymer/Graphene Oxide Heterogeneous Nanoporous Membrane for Ion Transport. <i>ACS Nano</i> , 2017, 11, 10816-10824.	14.6	99
4	3D Porous Hydrogel/Conducting Polymer Heterogeneous Membranes with Electro-pH-Modulated Ionic Rectification. <i>Advanced Materials</i> , 2017, 29, 1702926.	21.0	74
5	Superhydrophobic helix: controllable and directional bubble transport in an aqueous environment. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16865-16870.	10.3	54
6	Polymeric Nano-Blue-Energy Generator Based on Anion-Selective Ionomers with 3D Pores and pH-Driving Gating. <i>Advanced Energy Materials</i> , 2020, 10, 2001552.	19.5	20
7	Carbazole-Functionalized Poly(phenyl isocyanide)s: Synergistic Electrochromic Behaviors in the Visible Light Near-Infrared Region. <i>Macromolecules</i> , 2021, 54, 5249-5259.	4.8	16
8	Improving the Li-S battery performance by applying a combined interface engineering approach on the Li <sub>2</sub> S cathode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 27247-27255.	10.3	15
9	Raman spectroscopy and correlative Raman technology excel as an optimal stage for carbon-based electrode materials in electrochemical energy storage. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2119-2130.	2.5	15
10	Egg white-derived carbon/magnetic nanoparticles/water-soluble graphene oxide composite with homogeneous structure as an excellent electromagnetic wave absorber. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9292-9301.	5.5	13
11	Ion selective separators based on graphene oxide for stabilizing lithium organic batteries. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1869-1875.	6.0	11
12	ZnO Nanoneedle-Modified PEEK Fiber Felt for Improving Anti-fouling Performance of Oil/Water Separation. <i>Langmuir</i> , 2021, 37, 7449-7456.	3.5	10
13	Lead-free bright yellow emissive Rb <sub>2</sub> AgCl <sub>3</sub> scintillators with nanosecond radioluminescence. <i>Journal of Luminescence</i> , 2022, 241, 118500.	3.1	10
14	Design and synthesis of poly(arylene ether sulfone)s with high glass transition temperature by introducing biphenylene groups. <i>Polymer International</i> , 2020, 69, 1267-1274.	3.1	9
15	A universal strategy to improve interfacial kinetics of solid supercapacitors used in high temperature. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 110-119.	9.4	7
16	Mediator effect-assisted dual superlyophobic surface: PPY@Ni-Co LDH@PEEK textile for high performance separation of oil/water mixtures and immiscible organic liquids. <i>Polymer</i> , 2021, 229, 124017.	3.8	3
17	Preparation and properties of novel boric acid modified poly(aryl ether sulfone) membranes. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	1
18	Nonlinear Optical Stability of Polyphenylsulfone (PPSU)-Containing Anthraquinones with High Transmittance. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100112.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Blue Energy: Polymeric Nano-Blue Energy Generator Based on Anion-Selective Ionomers with 3D Pores and pH-Driving Gating (Adv. Energy Mater. 44/2020). Advanced Energy Materials, 2020, 10, 2070182.	19.5	0