

# Junbin Liao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quaternary ammonium cationic polymer as a superior bifunctional binder for lithium-sulfur batteries and effects of counter anion. <i>Electrochimica Acta</i> , 2018, 259, 626-636.	5.2	49
2	Fluoro-methyl sulfonated poly(arylene ether ketone-co-benzimidazole) amphoteric ion-exchange membranes for vanadium redox flow battery. <i>Electrochimica Acta</i> , 2017, 258, 360-370.	5.2	39
3	Cost-Effective Water-Soluble Poly(vinyl alcohol) as a Functional Binder for High-Sulfur-Loading Cathodes in Lithium-Sulfur Batteries. <i>ACS Omega</i> , 2020, 5, 8272-8282.	3.5	33
4	Water-Soluble Linear Poly(ethylenimine) as a Superior Bifunctional Binder for Lithium-Sulfur Batteries of Improved Cell Performance. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25917-25929.	3.1	24
5	Polar Benzimidazole-Containing (Sulfonated) Poly(arylene ether ketone)s as Bifunctional Binders for Lithium-Sulfur Battery Cathodes with High Sulfur Loadings. <i>ACS Applied Energy Materials</i> , 2019, 2, 6732-6740.	5.1	20
6	Nontrivial Effects of Trivial Parameters on the Performance of Lithium-Sulfur Batteries. <i>Batteries</i> , 2018, 4, 22.	4.5	14
7	Dielectric and gas transport properties of the films of thermally stable poly(arylene ether ketone)s containing tunable benzimidazole moiety. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7