

Liang Zhao

List of Publications by Year in Descending Order

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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.

16 papers	1,059 citations	9 h-index	17 g-index
17 ext. papers	1,413 ext. citations	10.4 avg, IF	4.71 L-index

#	Paper	IF	Citations
16	Polyphenylene sulfide scaffold based flexible supercapacitor electrode with competitive areal capacitance and flame-retardant behavior. <i>Reactive and Functional Polymers</i> , 2022 , 174, 105216	4.6	1
15	Controllable mechanical and conductive performance of polyphenylene sulfide composite with quasi 2D ordered long carbon fiber forests. <i>Composites Part B: Engineering</i> , 2021 , 204, 108484	10	4
14	Recent progress in solution assembly of 2D materials for wearable energy storage applications. <i>Journal of Energy Chemistry</i> , 2021 , 62, 27-42	12	5
13	Flexible and Highly Efficient Bilayer Photothermal Paper for Water Desalination and Purification: Self-Floating, Rapid Water Transport, and Localized Heat. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11204-11213	9.5	27
12	Fabrication and application of poly (phenylene sulfide) ultrafine fiber. <i>Reactive and Functional Polymers</i> , 2020 , 150, 104539	4.6	21
11	Poly(butylene succinate) biocomposite modified by amino functionalized ramie fiber fabric towards exceptional mechanical performance and biodegradability. <i>Reactive and Functional Polymers</i> , 2020 , 146, 104443	4.6	13
10	A novel approach to fabricate fully biodegradable poly(butylene succinate) biocomposites using a paper-manufacturing and compression molding method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 139, 106117	8.4	2
9	Tailored polyphenylene sulfite composite with desirable mechanical performance and low dielectric constant by constructing a controllable aramid fiber network. <i>Composites Part B: Engineering</i> , 2020 , 201, 108334	10	8
8	Intense shear induced caterpillar-like continuous hierarchical fiber enhanced poly(butylene succinate) biocomposite towards strong mechanical performance. <i>Composites Part B: Engineering</i> , 2020 , 200, 108273	10	3
7	Synthesis and recent applications of MXenes with Mo, V or Nb transition metals: a review. <i>Tungsten</i> , 2020 , 2, 176-193	4.6	8
6	A facile fabrication of chitosan modified PPS-based microfiber membrane for effective antibacterial activity and oil-in-water emulsion separation. <i>Cellulose</i> , 2019 , 26, 2599-2611	5.5	25
5	Low cost fabrication of polypropylene fiber composite membrane with excellent mechanical, superhydrophilic, antifouling and antibacterial properties for effective oil-in-water emulsion separation. <i>Reactive and Functional Polymers</i> , 2019 , 142, 15-24	4.6	17
4	High-performance polyphenylene sulfide composites with ultra-high content of glass fiber fabrics. <i>Composites Part B: Engineering</i> , 2019 , 174, 106790	10	23
3	Fabrication and characterization of polyphenylene sulfide composites with ultra-high content of carbon fiber fabrics. <i>Advanced Composites and Hybrid Materials</i> , 2019 , 2, 481-491	8.7	15
2	Applications of 2D MXenes in energy conversion and storage systems. <i>Chemical Society Reviews</i> , 2019 , 48, 72-133	58.5	878
1	Polyphenylene sulfide composite laminate from flexible nonwovens and carbon fiber fabrics prepared by thermal lamination and thermal treatment. <i>Polymer Bulletin</i> , 2019 , 76, 5633-5648	2.4	9