

Jiashuang Luan

List of Publications by Year in descending order

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17
papers

515
citations

759233

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888059

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17
docs citations

17
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Antifreezing Organohydrogel Electrolytes for Flexible Supercapacitors. ACS Applied Energy Materials, 2020, 3, 1944-1951.	5.1	85
2	Fabrication of hybrid ultrafiltration membranes with improved water separation properties by incorporating environmentally friendly taurine modified hydroxyapatite nanotubes. Journal of Membrane Science, 2019, 577, 274-284.	8.2	64
3	A novel poly(ethylene glycol)â€“grafted poly(arylene ether ketone) blend micro-porous polymer electrolyte for solid-state electric double layer capacitors formed by incorporating a chitosan-based LiClO ₄ gel electrolyte. Journal of Materials Chemistry A, 2016, 4, 18116-18127.	10.3	60
4	Fabrication of ultrafiltration membranes with enhanced antifouling capability and stable mechanical properties via the strategies of blending and crosslinking. Journal of Membrane Science, 2017, 539, 116-127.	8.2	60
5	Development of highly permeable and antifouling ultrafiltration membranes based on the synergistic effect of carboxylated polysulfone and bio-inspired co-deposition modified hydroxyapatite nanotubes. Journal of Colloid and Interface Science, 2020, 572, 48-61.	9.4	41
6	Study on mechanical properties of unidirectional continuous carbon fiberâ€“reinforced PEEK composites fabricated by the wrapped yarn method. Polymer Composites, 2019, 40, 56-69.	4.6	32
7	Hybrid ultrafiltration membranes based on PES and MOFs @ carbon quantum dots for improving anti-fouling performance. Separation and Purification Technology, 2021, 266, 118586.	7.9	31
8	Preparation of a novel poly (ether ether ketone) nonwoven filter and its application in harsh conditions for dust removal. Separation and Purification Technology, 2020, 253, 117555.	7.9	26
9	A highly compressible hydrogel electrolyte for flexible Zn-MnO ₂ battery. Journal of Colloid and Interface Science, 2022, 608, 1619-1626.	9.4	24
10	An oil/water separation nanofibrous membrane with a 3-D structure from the blending of PES and SPEEK. High Performance Polymers, 2019, 31, 538-547.	1.8	22
11	Influence of the addition of lubricant on the properties of poly(ether ether ketone) fibers. Polymer Engineering and Science, 2013, 53, 2254-2260.	3.1	14
12	Preparation and characterization of high-performance poly(ether ether ketone) fibers with improved spinnability based on thermotropic liquid crystalline poly(aryl ether ketone) copolymer. Journal of Applied Polymer Science, 2013, 130, 1406-1414.	2.6	13
13	A Robust Conductive Polymer Network as a Multi-Functional Binder and Conductive Additive for Supercapacitors. ChemElectroChem, 2020, 7, 3056-3064.	3.4	12
14	Influence of processing conditions on tensile property of continuous glass fiberâ€“reinforced PEEK composites fabricated by the co-wrapped yarn method. High Performance Polymers, 2018, 30, 489-499.	1.8	11
15	ZnO Nanoneedle-Modified PEEK Fiber Felt for Improving Anti-fouling Performance of Oil/Water Separation. Langmuir, 2021, 37, 7449-7456.	3.5	10
16	Preparation and properties of a novel, high-performance polyether ether ketone fabric. High Performance Polymers, 2018, 30, 794-802.	1.8	7
17	Preparation of a novel poly (ether ether ketone) self-reinforced paper appropriate for harsh conditions. Journal of Materials Science, 2021, 56, 11174-11185.	3.7	3