

Jiashuang Luan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

515
citations

759233

12
h-index

888059

17
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17
all docs

17
docs citations

17
times ranked

545
citing authors

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