

Guodong Zhao

List of Publications by Year in descending order

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18
papers

935
citations

516710

16
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839539

18
g-index

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all docs

18
docs citations

18
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution blowing of chitosan/PVA hydrogel nanofiber mats. <i>Carbohydrate Polymers</i> , 2014, 101, 1116-1121.	10.2	143
2	Modification of Nafion membrane with biofunctional SiO ₂ nanofiber for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2017, 340, 201-209.	7.8	128
3	Solution blowing of submicron-scale cellulose fibers. <i>Carbohydrate Polymers</i> , 2012, 90, 982-987.	10.2	106
4	Solution blowing of ZnO nanoflake-encapsulated carbon nanofibers as electrodes for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13779.	10.3	90
5	Hierarchical dual-nanonet of polymer nanofibers and supramolecular nanofibrils for air filtration with a high filtration efficiency, low air resistance and high moisture permeation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14093-14100.	10.3	84
6	Solution blown nanofibrous membrane for microfiltration. <i>Journal of Membrane Science</i> , 2013, 429, 66-70.	8.2	76
7	Nanofiber hybrid membranes: progress and application in proton exchange membranes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3729-3766.	10.3	48
8	Proton-Conducting Poly- γ -glutamic Acid Nanofiber Embedded Sulfonated Poly(ether sulfone) for Proton Exchange Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21865-21873.	8.0	32
9	Zeolitic imidazolate framework decorated on 3D nanofiber network towards superior proton conduction for proton exchange membrane. <i>Journal of Membrane Science</i> , 2020, 601, 117914.	8.2	31
10	Preparation and Properties of sc-PLA/PMMA Transparent Nanofiber Air Filter. <i>Polymers</i> , 2018, 10, 996.	4.5	30
11	Fabrication of electrospun sulfonated poly(ether sulfone) nanofibers with amino modified SiO ₂ nanosphere for optimization of nanochannels in proton exchange membrane. <i>Solid State Ionics</i> , 2020, 349, 115300.	2.7	27
12	Embedding phosphoric acid-doped cellulose nanofibers into sulfonated poly (ether sulfone) for proton exchange membrane. <i>Polymer</i> , 2018, 156, 179-185.	3.8	26
13	Proton-conducting amino acid-modified chitosan nanofibers for nanocomposite proton exchange membranes. <i>European Polymer Journal</i> , 2019, 119, 327-334.	5.4	26
14	Biofunctionalized nanofiber hybrid proton exchange membrane based on acid-base ion-nanochannels with superior proton conductivity. <i>Journal of Power Sources</i> , 2020, 452, 227839.	7.8	24
15	Hybrid nanofibrous aerogels for all-in-one solar-driven interfacial evaporation. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 377-384.	9.4	23
16	Novel structure design of composite proton exchange membranes with continuous and through-membrane proton-conducting channels. <i>Journal of Power Sources</i> , 2017, 365, 92-97.	7.8	22
17	Solution Blowing of Silicon Carbide nanofiber and its thermal stability. <i>Science of Advanced Materials</i> , 2013, 5, 209-215.	0.7	14
18	Integrating of metal-organic framework UiO-66-NH ₂ and cellulose nanofibers mat for high-performance adsorption of dye rose bengal. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 1387-1398.	4.4	5