

Fan Yang

List of Publications by Year in descending order

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15
papers

302
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840776

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281
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving high power density and excellent durability for high temperature proton exchange membrane fuel cells based on crosslinked branched polybenzimidazole and metal-organic frameworks. <i>Journal of Membrane Science</i> , 2021, 630, 119288.	8.2	73
2	Ocean Salinity Sensing Using Long-Period Fiber Gratings Functionalized with Layer-by-Layer Hydrogels. <i>ACS Omega</i> , 2019, 4, 2134-2141.	3.5	42
3	Marine salinity sensing using long-period fiber gratings enabled by stimuli-responsive polyelectrolyte multilayers. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 745-751.	7.8	31
4	Oxygen-Rich Polymer Polyethylene Glycol-Functionalized Single-Walled Carbon Nanotubes Toward Air-Stable n-Type Thermoelectric Materials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26482-26489.	8.0	24
5	An effective dual-channel strategy for preparation of polybenzimidazole separator for advanced-safety and high-performance lithium-ion batteries. <i>Journal of Membrane Science</i> , 2021, 626, 119190.	8.2	22
6	Promoting the Thermoelectric Performance of Single-Walled Carbon Nanotubes by Inserting Discotic Liquid-Crystal Molecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1891-1898.	6.7	21
7	Enhanced Thermoelectric Performance of a Donor-Acceptor-Based Two-Dimensional Conjugated Polymer with High Crystallinity. <i>ACS Applied Energy Materials</i> , 2021, 4, 4662-4671.	5.1	17
8	The ameliorative thermoelectric performance induced by heteroatom for dithiophene cyclopentadiene-based polymers and carbon nanotubes composite films. <i>Composites Science and Technology</i> , 2021, 201, 108518.	7.8	16
9	Role of silica nanoparticles in monitoring and prolonging release of drug-eluting polyelectrolyte coatings using long-period fiber grating platform. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 831-839.	7.8	15
10	Thin-core fiber structures with overlays for sensing applications. <i>Optics Express</i> , 2017, 25, 31197.	3.4	14
11	Enhancement of the Electrical Conductivity and Thermoelectric Performance of Single-Walled Carbon Nanotubes by the Introduction of Conjugated Small Molecules with Cation Groups. <i>ACS Applied Energy Materials</i> , 2020, 3, 11947-11955.	5.1	12
12	High performance of p-type and n-type thermoelectric materials based on liquid crystal mixture and single-walled carbon nanotube composites. <i>Composites Communications</i> , 2021, 27, 100873.	6.3	5
13	Effective approaches to produce high performance single-walled carbon nanotubes/platinum based hybrid films by inserting thermoelectric material with high seebeck coefficient. <i>Journal of Power Sources</i> , 2021, 511, 230454.	7.8	5
14	Promoting thermoelectric performance of two-dimensional benzodithiophene-based conjugated polymer/single-walled carbon nanotube composites by polar side chain engineering. <i>Composites Communications</i> , 2022, 31, 101103.	6.3	3
15	Adhesive Gold Nanoparticles for Easy and Controlled Surface Coating. <i>Langmuir</i> , 2019, 35, 2728-2737.	3.5	2