

Ngoc T Bui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9484465/publications.pdf>

Version: 2024-02-01

14
papers

1,536
citations

686830

13
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun nanofiber supported thin film composite membranes for engineered osmosis. <i>Journal of Membrane Science</i> , 2011, 385-386, 10-19.	4.1	275
2	Hydrophilic Nanofibers as New Supports for Thin Film Composite Membranes for Engineered Osmosis. <i>Environmental Science & Technology</i> , 2013, 47, 1761-1769.	4.6	230
3	Ion-capture electro dialysis using multifunctional adsorptive membranes. <i>Science</i> , 2021, 372, 296-299.	6.0	152
4	Controlling electrospun nanofiber morphology and mechanical properties using humidity. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 1734-1744.	2.4	146
5	Proper accounting of mass transfer resistances in forward osmosis: Improving the accuracy of model predictions of structural parameter. <i>Journal of Membrane Science</i> , 2015, 492, 289-302.	4.1	146
6	Novel hydrophilic nylon 6,6 microfiltration membrane supported thin film composite membranes for engineered osmosis. <i>Journal of Membrane Science</i> , 2013, 437, 141-149.	4.1	116
7	Nanofiber Supported Thin-Film Composite Membrane for Pressure-Retarded Osmosis. <i>Environmental Science & Technology</i> , 2014, 48, 4129-4136.	4.6	116
8	Ultrabreathable and Protective Membranes with Sub-5 nm Carbon Nanotube Pores. <i>Advanced Materials</i> , 2016, 28, 5871-5877.	11.1	99
9	A nature-inspired hydrogen-bonded supramolecular complex for selective copper ion removal from water. <i>Nature Communications</i> , 2020, 11, 3947.	5.8	86
10	Nanoparticle-embedded nanofibers in highly permselective thin-film nanocomposite membranes for forward osmosis. <i>Journal of Membrane Science</i> , 2016, 518, 338-346.	4.1	62
11	Quantifying the Hierarchical Order in Self-Aligned Carbon Nanotubes from Atomic to Micrometer Scale. <i>ACS Nano</i> , 2017, 11, 5405-5416.	7.3	39
12	Autonomously Responsive Membranes for Chemical Warfare Protection. <i>Advanced Functional Materials</i> , 2020, 30, 2000258.	7.8	32
13	Enhanced Forward Osmosis Desalination with a Hybrid Ionic Liquid/Hydrogel Thermoresponsive Draw Agent System. <i>ACS Omega</i> , 2019, 4, 4296-4303.	1.6	25
14	Carbon Nanotubes: Ultrabreathable and Protective Membranes with Sub-5 nm Carbon Nanotube Pores (Adv. Mater. 28/2016). <i>Advanced Materials</i> , 2016, 28, 6020-6020.	11.1	5