

Sidra Waheed

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,347
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2356
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed microfluidic devices: enablers and barriers. <i>Lab on A Chip</i> , 2016, 16, 1993-2013.	6.0	816
2	Effect of silica on the properties of cellulose acetate/polyethylene glycol membranes for reverse osmosis. <i>Desalination</i> , 2015, 355, 1-10.	8.2	102
3	Synthesis, characterization, permeation and antibacterial properties of cellulose acetate/polyethylene glycol membranes modified with chitosan. <i>Desalination</i> , 2014, 351, 59-69.	8.2	85
4	Three-Dimensional Printing of Abrasive, Hard, and Thermally Conductive Synthetic Microdiamond-Polymer Composite Using Low-Cost Fused Deposition Modeling Printer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4353-4363.	8.0	73
5	Porogens and porogen selection in the preparation of porous polymer monoliths. <i>Journal of Separation Science</i> , 2020, 43, 56-69.	2.5	46
6	Self-sterilized composite membranes of cellulose acetate/polyethylene glycol for water desalination. <i>Carbohydrate Polymers</i> , 2016, 149, 207-216.	10.2	43
7	Fabrication of Humidity Sensor Using 3D Printable Polymer Composite Containing Boron-Doped Diamonds and LiCl. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4962-4969.	8.0	42
8	Enhanced physicochemical properties of polydimethylsiloxane based microfluidic devices and thin films by incorporating synthetic micro-diamond. <i>Scientific Reports</i> , 2017, 7, 15109.	3.3	39
9	Integrated 3D printed heaters for microfluidic applications: Ammonium analysis within environmental water. <i>Analytica Chimica Acta</i> , 2020, 1098, 94-101.	5.4	38
10	Synthesis, characterization and permeation performance of cellulose acetate/polyethylene glycol-600 membranes loaded with silver particles for ultra low pressure reverse osmosis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 129-138.	5.3	31
11	Comparative Analysis of Hydroxyapatite Synthesized by Sol-gel, Ultrasonication and Microwave Assisted Technique. <i>Materials Today: Proceedings</i> , 2015, 2, 5477-5484.	1.8	17
12	In-situ growth of metal-organic frameworks in a reactive 3D printable material. <i>Applied Materials Today</i> , 2021, 22, 100930.	4.3	15