

Yusak Hartanto

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

903
citations

566801

15
h-index

752256

20
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21
all docs

21
docs citations

21
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic assessment of pervaporation desalination of hypersaline water. <i>Desalination</i> , 2022, 527, 115538.	4.0	7
2	Ultra-high flux alkali-treated cellulose triacetate/cellulose nanocrystal nanocomposite membrane for pervaporation desalination. <i>Chemical Engineering Science</i> , 2021, 231, 116276.	1.9	24
3	Cellulose triacetate/LUDOX SiO_2 nanocomposite for synthesis of pervaporation desalination membranes. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50000.	1.3	11
4	Comparing the Performance of Organic Solvent Nanofiltration Membranes in Non-Polar Solvents. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 1389-1395.	0.4	10
5	MOF-based membranes for pervaporation. <i>Separation and Purification Technology</i> , 2021, 278, 119233.	3.9	40
6	Applications of Ionic Liquid-based Materials in Membrane-based Gas Separation. <i>Chemistry in the Environment</i> , 2021, , 159-183.	0.2	0
7	Effect of solvent on the morphology and performance of cellulose triacetate membrane/cellulose nanocrystal nanocomposite pervaporation desalination membranes. <i>Chemical Engineering Journal</i> , 2020, 388, 124216.	6.6	50
8	Interfacial polymerization of thin-film composite forward osmosis membranes using ionic liquids as organic reagent phase. <i>Journal of Membrane Science</i> , 2020, 601, 117869.	4.1	31
9	Advances in Extrusion 3D Bioprinting: A Focus on Multicomponent Hydrogel-Based Bioinks. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901648.	3.9	190
10	Tuning the selectivity of thin film composite forward osmosis membranes: Effect of co-solvent and different interfacial polymerization synthesis routes. <i>Separation and Purification Technology</i> , 2019, 227, 115671.	3.9	11
11	Non-ionic copolymer microgels as high-performance draw materials for forward osmosis desalination. <i>Journal of Membrane Science</i> , 2019, 572, 480-488.	4.1	29
12	NIPAM-based Microgel Microenvironment Regulates the Therapeutic Function of Cardiac Stromal Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37783-37796.	4.0	32
13	Tuning microenvironment for multicellular spheroid formation in thermo-responsive anionic microgel scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2899-2909.	2.1	10
14	Heart Repair Using Nanogel-Encapsulated Human Cardiac Stem Cells in Mice and Pigs with Myocardial Infarction. <i>ACS Nano</i> , 2017, 11, 9738-9749.	7.3	128
15	Polyethylenimine modified silica nanoparticles enhance interfacial interactions and desalination performance of thin film nanocomposite membranes. <i>Journal of Membrane Science</i> , 2017, 541, 19-28.	4.1	55
16	Understanding functionalized silica nanoparticles incorporation in thin film composite membranes: Interactions and desalination performance. <i>Journal of Membrane Science</i> , 2017, 521, 53-64.	4.1	58
17	Thermoresponsive Acidic Microgels as Functional Draw Agents for Forward Osmosis Desalination. <i>Environmental Science & Technology</i> , 2016, 50, 4221-4228.	4.6	41
18	Multicellular Spheroids Formation and Recovery in Microfluidics-generated Thermo-responsive Microgel Droplets. <i>Colloids and Interface Science Communications</i> , 2016, 14, 4-7.	2.0	17

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19	Thermoresponsive cationic copolymer microgels as high performance draw agents in forward osmosis desalination. <i>Journal of Membrane Science</i> , 2016, 518, 273-281.	4.1	25
20	Hollow mesoporous silica nanoparticles: A peculiar structure for thin film nanocomposite membranes. <i>Journal of Membrane Science</i> , 2016, 519, 1-10.	4.1	72
21	Functionalized thermo-responsive microgels for high performance forward osmosis desalination. <i>Water Research</i> , 2015, 70, 385-393.	5.3	62