Yusak Hartanto

List of Publications by Year
in descending order

21	903	566801 15	752256 20
papers	citations	h-index	g-index

21	21	21	1169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advances in Extrusion 3D Bioprinting: A Focus on Multicomponent Hydrogelâ€Based Bioinks. Advanced Healthcare Materials, 2020, 9, e1901648.	3.9	190
2	Heart Repair Using Nanogel-Encapsulated Human Cardiac Stem Cells in Mice and Pigs with Myocardial Infarction. ACS Nano, 2017, 11, 9738-9749.	7.3	128
3	Hollow mesoporous silica nanoparticles: A peculiar structure for thin film nanocomposite membranes. Journal of Membrane Science, 2016, 519, 1-10.	4.1	72
4	Functionalized thermo-responsive microgels for high performance forward osmosis desalination. Water Research, 2015, 70, 385-393.	5.3	62
5	Understanding functionalized silica nanoparticles incorporation in thin film composite membranes: Interactions and desalination performance. Journal of Membrane Science, 2017, 521, 53-64.	4.1	58
6	Polyethylenimine modified silica nanoparticles enhance interfacial interactions and desalination performance of thin film nanocomposite membranes. Journal of Membrane Science, 2017, 541, 19-28.	4.1	55
7	Effect of solvent on the morphology and performance of cellulose triacetate membrane/cellulose nanocrystal nanocomposite pervaporation desalination membranes. Chemical Engineering Journal, 2020, 388, 124216.	6.6	50
8	Thermoresponsive Acidic Microgels as Functional Draw Agents for Forward Osmosis Desalination. Environmental Science & Technology, 2016, 50, 4221-4228.	4.6	41
9	MOF-based membranes for pervaporation. Separation and Purification Technology, 2021, 278, 119233.	3.9	40
10	NIPAM-based Microgel Microenvironment Regulates the Therapeutic Function of Cardiac Stromal Cells. ACS Applied Materials & Interfaces, 2018, 10, 37783-37796.	4.0	32
11	Interfacial polymerization of thin-film composite forward osmosis membranes using ionic liquids as organic reagent phase. Journal of Membrane Science, 2020, 601, 117869.	4.1	31
12	Non-ionic copolymer microgels as high-performance draw materials for forward osmosis desalination. Journal of Membrane Science, 2019, 572, 480-488.	4.1	29
13	Thermoresponsive cationic copolymer microgels as high performance draw agents in forward osmosis desalination. Journal of Membrane Science, 2016, 518, 273-281.	4.1	25
14	Ultra-high flux alkali-treated cellulose triacetate/cellulose nanocrystal nanocomposite membrane for pervaporation desalination. Chemical Engineering Science, 2021, 231, 116276.	1.9	24
15	Multicellular Spheroids Formation and Recovery in Microfluidics-generated Thermoresponsive Microgel Droplets. Colloids and Interface Science Communications, 2016, 14, 4-7.	2.0	17
16	Tuning the selectivity of thin film composite forward osmosis membranes: Effect of co-solvent and different interfacial polymerization synthesis routes. Separation and Purification Technology, 2019, 227, 115671.	3.9	11
17	Cellulose triacetate/<scp>LUDOXâ€SiO₂</scp> nanocomposite for synthesis of pervaporation desalination membranes. Journal of Applied Polymer Science, 2021, 138, 50000.	1.3	11
18	Tuning microenvironment for multicellular spheroid formation in thermoâ€responsive anionic microgel scaffolds. Journal of Biomedical Materials Research - Part A, 2018, 106, 2899-2909.	2.1	10

#	Article	IF	Citations
19	Comparing the Performance of Organic Solvent Nanofiltration Membranes in Nonâ€Polar Solvents. Chemie-Ingenieur-Technik, 2021, 93, 1389-1395.	0.4	10
20	Techno-economic assessment of pervaporation desalination of hypersaline water. Desalination, 2022, 527, 115538.	4.0	7
21	Applications of Ionic Liquid-based Materials in Membrane-based Gas Separation. Chemistry in the Environment, 2021, , 159-183.	0.2	0