

Dan Hua

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4809348/publications.pdf>

Version: 2024-02-01

21
papers

991
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of P84 and porphyrin-based 2D MOFs (M ²⁺ -TCPP, M ²⁺ =Zn, Cu, Co, Ni) for mixed matrix membranes towards enhanced performance in organic solvent nanofiltration. Separation and Purification Technology, 2022, 282, 120022.	7.9	20
2	Pervaporation and Vapor Separation. , 2019, , 181-231.		0
3	Precise Molecular Sieving Architectures with Janus Pathways for Both Polar and Nonpolar Molecules. Advanced Materials, 2018, 30, 1705933.	21.0	190
4	Dehydration of industrial isopropanol (IPA) waste by pervaporation and vapor permeation membranes. Journal of Applied Polymer Science, 2018, 135, 45086.	2.6	15
5	Cross-linked mixed matrix membranes (MMMs) consisting of amine-functionalized multi-walled carbon nanotubes and P84 polyimide for organic solvent nanofiltration (OSN) with enhanced flux. Journal of Membrane Science, 2018, 548, 319-331.	8.2	116
6	Green Layer-by-Layer Method for the Preparation of Polyacrylonitrile-Supported Zinc Benzene-1,4-dicarboxylic Acid Membranes. ChemSusChem, 2018, 11, 2612-2619.	6.8	25
7	Green Design of Poly(m-Phenylene Isophthalamide)-Based Thin-Film Composite Membranes for Organic Solvent Nanofiltration and Concentrating Lecithin in Hexane. ACS Sustainable Chemistry and Engineering, 2018, 6, 10696-10705.	6.7	46
8	Cross-linked mixed matrix membranes consisting of carboxyl-functionalized multi-walled carbon nanotubes and P84 polyimide for organic solvent nanofiltration (OSN). Separation and Purification Technology, 2017, 186, 243-254.	7.9	66
9	Aldehyde functionalized graphene oxide frameworks as robust membrane materials for pervaporative alcohol dehydration. Chemical Engineering Science, 2017, 161, 341-349.	3.8	73
10	Polyelectrolyte functionalized lamellar graphene oxide membranes on polypropylene support for organic solvent nanofiltration. Carbon, 2017, 122, 604-613.	10.3	92
11	Teflon AF2400/Ultem composite hollow fiber membranes for alcohol dehydration by high-temperature vapor permeation. AIChE Journal, 2016, 62, 1747-1757.	3.6	20
12	Universal surface modification by aldehydes on polymeric membranes for isopropanol dehydration via pervaporation. Journal of Membrane Science, 2015, 492, 197-208.	8.2	32
13	ZIF-90/P84 mixed matrix membranes for pervaporation dehydration of isopropanol. Journal of Membrane Science, 2014, 453, 155-167.	8.2	142
14	Thin-film composite tri-bore hollow fiber (TFC TbHF) membranes for isopropanol dehydration by pervaporation. Journal of Membrane Science, 2014, 471, 155-167.	8.2	34
15	A high-pressure polar light microscopy to study the melt crystallization of myristic acid and ibuprofen in CO ₂ . Journal of Supercritical Fluids, 2014, 87, 22-27.	3.2	5
16	Synthesis of Gold Nanoplates with Bioreducing Agent Using Syringe Pumps: A Kinetic Control. Industrial & Engineering Chemistry Research, 2012, 51, 15753-15762.	3.7	37
17	High-pressure gas-solid carbonation route coupled with a solid ionic liquid for rapid synthesis of rhombohedral calcite. Journal of Supercritical Fluids, 2012, 72, 78-83.	3.2	24
18	Solid-liquid-gas equilibrium for binary systems containing N ₂ : Measurement and modeling. Fluid Phase Equilibria, 2011, 302, 190-194.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Coenzyme Q10 nanoparticles prepared by a supercritical fluid-based method. Journal of Supercritical Fluids, 2011, 57, 66-72.	3.2	22
20	Solid~Liquid~gas equilibrium of the naphthalene~biphenyl~CO ₂ system: Measurement and modeling. Fluid Phase Equilibria, 2010, 299, 109-115.	2.5	3
21	Solid~Liquid~Gas Equilibrium of the Ternaries Ibuprofen + Myristic Acid + CO ₂ and Ibuprofen + Tripalmitin + CO ₂ . Journal of Chemical & Engineering Data, 2010, 55, 297-302.	1.9	21