

# Manh Hoang

## List of Publications by Year in descending order

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48  
papers

3,082  
citations

236833

25  
h-index

214721

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosslinked poly(vinyl alcohol) membranes. <i>Progress in Polymer Science</i> , 2009, 34, 969-981.	11.8	537
2	Desalination techniques – A review of the opportunities for desalination in agriculture. <i>Desalination</i> , 2015, 364, 2-16.	4.0	306
3	Desalination by pervaporation: A review. <i>Desalination</i> , 2016, 387, 46-60.	4.0	232
4	A review of membrane selection for the dehydration of aqueous ethanol by pervaporation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 227-235.	1.8	162
5	An autopsy study of a fouled reverse osmosis membrane element used in a brackish water treatment plant. <i>Water Research</i> , 2007, 41, 3915-3923.	5.3	156
6	Commercial PTFE membranes for membrane distillation application: Effect of microstructure and support material. <i>Desalination</i> , 2012, 284, 297-308.	4.0	146
7	Ammonia removal by sweep gas membrane distillation. <i>Water Research</i> , 2009, 43, 1693-1699.	5.3	136
8	Sol-gel derived poly(vinyl alcohol)/maleic acid/silica hybrid membrane for desalination by pervaporation. <i>Journal of Membrane Science</i> , 2011, 383, 96-103.	4.1	122
9	Separation of aqueous salt solution by pervaporation through hybrid organic-inorganic membrane: Effect of operating conditions. <i>Desalination</i> , 2011, 273, 220-225.	4.0	100
10	A review of water recovery by vapour permeation through membranes. <i>Water Research</i> , 2012, 46, 259-266.	5.3	91
11	Surface area control during the synthesis and reduction of high area ceria catalyst supports. <i>Applied Catalysis A: General</i> , 1996, 134, 351-362.	2.2	86
12	Effect of amine salt surfactants on the performance of thin film composite poly(piperazine-amide) nanofiltration membranes. <i>Desalination</i> , 2013, 315, 156-163.	4.0	69
13	Modelling of vacuum membrane distillation. <i>Journal of Membrane Science</i> , 2013, 434, 1-9.	4.1	69
14	Methyl orange removal by combined visible-light photocatalysis and membrane distillation. <i>Dyes and Pigments</i> , 2013, 98, 106-112.	2.0	64
15	Effect of ammonium salts on the properties of poly(piperazineamide) thin film composite nanofiltration membrane. <i>Journal of Membrane Science</i> , 2014, 465, 34-40.	4.1	63
16	An XPS study of Ru-promotion for Co/CeO <sub>2</sub> Fischer-Tropsch catalyst. <i>Applied Surface Science</i> , 1993, 72, 55-65.	3.1	62
17	Condensation studies in membrane evaporation and sweeping gas membrane distillation. <i>Journal of Membrane Science</i> , 2014, 462, 9-16.	4.1	62
18	Ruthenium promotion of fischer-tropsch synthesis over coprecipitated cobalt/ceria catalysts. <i>Applied Catalysis A: General</i> , 1993, 100, 51-67.	2.2	59

#	ARTICLE	IF	CITATIONS
19	Effect of heat treatment on pervaporation separation of aqueous salt solution using hybrid PVA/MA/TEOS membrane. Separation and Purification Technology, 2014, 127, 10-17.	3.9	54
20	Ammonia removal from aqueous solution by membrane distillation. Water and Environment Journal, 2013, 27, 425-434.	1.0	44
21	Catalytic Wet Oxidation of Ferulic Acid (A Model Lignin Compound) Using Heterogeneous Copper Catalysts. Industrial & Engineering Chemistry Research, 2007, 46, 8652-8656.	1.8	38
22	Supported ruthenium nanoparticles on polyorganophosphazenes: preparation, structural and catalytic studies. Inorganica Chimica Acta, 2003, 352, 61-71.	1.2	37
23	Oxidative Dehydrogenation of Isobutane over Supported Chromium Oxide on Lanthanum Carbonate. Journal of Catalysis, 1997, 171, 320-324.	3.1	36
24	Nanostructured ruthenium on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalysts for the efficient hydrogenation of aromatic compounds. Journal of Organometallic Chemistry, 2004, 689, 639-646.	0.8	34
25	A review of process and wastewater reuse in the recycled paper industry. Environmental Technology and Innovation, 2021, 24, 101860.	3.0	29
26	Structure retention in cross-linked poly(ethylene glycol) diacrylate hydrogel templated from a hexagonal lyotropic liquid crystal by controlling the surface tension. Soft Matter, 2012, 8, 2087-2094.	1.2	26
27	Study of Hybrid PVA/MA/TEOS Pervaporation Membrane and Evaluation of Energy Requirement for Desalination by Pervaporation. International Journal of Environmental Research and Public Health, 2018, 15, 1913.	1.2	25
28	Sorption of Na <sup>+</sup> , Ca <sup>2+</sup> ions from aqueous solution onto unbleached kraft fibers—kinetics and equilibrium studies. Journal of Colloid and Interface Science, 2005, 287, 438-443.	5.0	24
29	Competitive sorption of Na <sup>+</sup> and Ca <sup>2+</sup> ions on unbleached kraft fibres—A kinetics and equilibrium study. Journal of Colloid and Interface Science, 2006, 301, 446-451.	5.0	23
30	Oxidative dehydrogenation of isobutane to isobutylene over supported transition metal oxide catalysts. Reaction Kinetics and Catalysis Letters, 1997, 61, 21-26.	0.6	22
31	Extension of Donnan theory to predict calcium ion exchange on phenolic hydroxyl sites of unbleached kraft fibers. Journal of Colloid and Interface Science, 2004, 276, 6-12.	5.0	21
32	Review of piezodialysis— salt removal with charge mosaic membranes. Desalination, 2010, 254, 1-5.	4.0	21
33	Thermally Stable Aluminas for High Temperature Applications. Chemistry Letters, 1998, 27, 793-794.	0.7	19
34	Surface Chemistry of Supported Chromium Oxide on Lanthanum Carbonate. Journal of Catalysis, 1997, 171, 313-319.	3.1	18
35	Influence of module design and membrane compressibility on VMD performance. Journal of Membrane Science, 2013, 442, 31-38.	4.1	15
36	Characterization of Supported Ruthenium Catalysts Derived from Reaction of Ru <sub>3</sub> (CO) <sub>12</sub> with Rare Earth Oxides. Journal of Catalysis, 1998, 178, 84-93.	3.1	12

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37	Catalytic Wet Air Oxidation of Industrial Aqueous Streams. <i>Catalysis Surveys From Asia</i> , 2007, 11, 70-86.	1.0	11
38	Synthesis and characterization of hybrid organic–inorganic materials based on sulphonated polyamideimide and silica. <i>Journal of Polymer Research</i> , 2011, 18, 965-973.	1.2	10
39	Isotherm sorption of Cd <sup>2+</sup> , Co <sup>2+</sup> , and Ni <sup>2+</sup> onto high-yield kraft fibers. <i>Journal of Colloid and Interface Science</i> , 2006, 303, 69-74.	5.0	9
40	Retention of the original LLC structure in a cross-linked poly(ethylene glycol) diacrylate hydrogel with reinforcement from a silica network. <i>Soft Matter</i> , 2014, 10, 5192-5200.	1.2	8
41	Progress towards preparation of high-surface-area rare-earth oxides. <i>Journal of Materials Chemistry</i> , 1991, 1, 423.	6.7	6
42	Reaction of triruthenium dodecacarbonyl with high-area rare earth oxides. <i>Inorganica Chimica Acta</i> , 1997, 254, 37-41.	1.2	4
43	Nanostructures generated from photopolymerization of poly(ethylene glycol) diacrylate templated from hexagonal lyotropic liquid crystals. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1817-1821.	1.3	4
44	Catalytic wet oxidation of ferulic acid. <i>International Journal of Environmental Technology and Management</i> , 2008, 9, 87.	0.1	3
45	Improving pollutant removal and membrane performance via pre-treatment with a specific formulation of polysilicato-iron. <i>Desalination and Water Treatment</i> , 2011, 34, 106-111.	1.0	3
46	Effect of Membrane Properties on Performance of Membrane Distillation for Ammonia Removal. <i>Journal of Materials Science Research</i> , 2011, 1, .	0.1	2
47	Effects of a volatile solvent with low surface tension combining with the silica network reinforcement on retention of LLC structure in polymer matrix. <i>Polymer Bulletin</i> , 2018, 75, 581-595.	1.7	2
48	An Efficient Removal of Rhodamine B in Water by Targeted Adsorption on SnS <sub>2</sub> Nanosheets. <i>Advanced Materials Research</i> , 2011, 356-360, 1708-1711.	0.3	0