

# Norhaniza Yusof

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57  
papers

863  
citations

17  
h-index

28  
g-index

61  
ext. papers

1,157  
ext. citations

4.4  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
57	Polyethyleneimine-impregnated activated carbon nanofiber composited graphene-derived rice husk char for efficient post-combustion CO <sub>2</sub> capture. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 926-944	6.3	1
56	A Rotary Spacer System for Energy-Efficient Membrane Fouling Control in Oil/Water Emulsion Filtration. <i>Membranes</i> , <b>2022</b> , 12, 554	3.8	0
55	Pb(II) removal and its adsorption from aqueous solution using zinc oxide/graphene oxide composite. <i>Chemical Engineering Communications</i> , <b>2021</b> , 208, 646-660	2.2	6
54	Activated carbon nanofibers incorporated metal oxides for CO <sub>2</sub> adsorption: Effects of different type of metal oxides. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2021</b> , 45, 101434	7.6	18
53	Enhanced performance of lanthanum orthoferrite/chitosan nanocomposites for adsorptive photocatalytic removal of Reactive Black 5. <i>Korean Journal of Chemical Engineering</i> , <b>2021</b> , 38, 1648-1659 <sup>2.8</sup>	2.8	1
52	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. <i>Journal of Environmental Management</i> , <b>2021</b> , 290, 112565	7.9	16
51	Porous polyether sulfone for direct methanol fuel cell applications: Structural analysis. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 2277-2291	4.5	2
50	Innovative polymer-complex draw solution for copper(II) removal using forward osmosis. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104854	6.8	4
49	Review on tungsten trioxide as a photocatalysts for degradation of recalcitrant pollutants. <i>Journal of Cleaner Production</i> , <b>2021</b> , 309, 127438	10.3	12
48	Polyethersulfone ultrafiltration membrane incorporated with ferric-based metal-organic framework for textile wastewater treatment. <i>Separation and Purification Technology</i> , <b>2021</b> , 270, 118819 <sup>8.3</sup>	8.3	13
47	Removal of lead(II) by nanofiltration-ranged thin film nanocomposite membrane incorporated UiO-66-NH <sub>2</sub> : Comparative removal performance between hydraulic-driven and osmotic-driven membrane process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 128, 354-354	5.3	3
46	Rice husk derived graphene-like material: Activation with phosphoric acid in the absence of inert gas for hydrogen gas storage. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 31084-31095	6.7	0
45	Surface modification of PA layer of TFC membranes: Does it effective for performance Improvement?. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2021</b> , 102, 271-292	6.3	2
44	Production and Applications of Biomass-Derived Graphene-Like Materials <b>2021</b> , 923-952		
43	Fabrication and characterizations of hybrid membrane containing tannin-modified metal-organic framework for water treatment. <i>Materials Today: Proceedings</i> , <b>2021</b> , 46, 1954-1958	1.4	2
42	Halloysite Nanotube-Ferrihydrite Incorporated Polyethersulfone Mixed Matrix Membrane: Effect of Nanocomposite Loading on the Antifouling Performance. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6
41	Preparation and characterization of polyacrylonitrile-based activated carbon nanofibers/graphene (gACNFs) composite synthesized by electrospinning. <i>AIP Advances</i> , <b>2020</b> , 10, 055117	1.5	6

40	Visible light-driven perovskite-based photocatalyst for wastewater treatment <b>2020</b> , 265-302		2
39	Performance of Polymer Electrolyte Membrane for Direct Methanol Fuel Cell Application: Perspective on Morphological Structure. <i>Membranes</i> , <b>2020</b> , 10,	3.8	26
38	Adsorptive removal of heavy metal ions using graphene-based nanomaterials: Toxicity, roles of functional groups and mechanisms. <i>Chemosphere</i> , <b>2020</b> , 248, 126008	8.4	120
37	Methane adsorption by porous graphene derived from rice husk ashes under various stabilization temperatures. <i>Carbon Letters</i> , <b>2020</b> , 30, 535-543	2.3	10
36	Production and Applications of Biomass-Derived Graphene-Like Materials <b>2020</b> , 1-31		
35	The Application of Ferric-Metal-Organic Framework for Dye Removal: A Mini Review. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , <b>2020</b> , 75, 68-80	1.8	3
34	Mixed matrix composite membranes based on amination of reduced graphene oxide for CO <sub>2</sub> separation: Effects of heating time and nanofiller loading. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 2287-2294	2.8	2
33	Effects of carbonization conditions on the microporous structure and high-pressure methane adsorption behavior of glucose-derived graphene. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 2068-2074	2.8	
32	Electrospun Composites Made of Reduced Graphene Oxide and Polyacrylonitrile-Based Activated Carbon Nanofibers (rGO/ACNF) for Enhanced CO Adsorption. <i>Polymers</i> , <b>2020</b> , 12,	4.5	10
31	Activated-Carbon Nanofibers/Graphene Nanocomposites and Their Adsorption Performance Towards Carbon Dioxide. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 2023-2030	2	4
30	Novel Activated Carbon Nanofibers Compositing with Cost-Effective Graphene-Based Materials for Enhanced Adsorption Performance toward Methane. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
29	A Mini Review on Parameters Affecting the Semiconducting Oxide Photocatalytic Microbial Disinfection. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	10
28	Development of Copper-Aluminum Layered Double Hydroxide in Thin Film Nanocomposite Nanofiltration Membrane for Water Purification Process. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 3	5	17
27	CuBTC metal organic framework incorporation for enhancing separation and antifouling properties of nanofiltration membrane. <i>Chemical Engineering Research and Design</i> , <b>2019</b> , 148, 227-239	5.5	20
26	Hydrous ferric oxide nanoparticles hosted porous polyethersulfone adsorptive membrane: chromium (VI) adsorptive studies and its applicability for water/wastewater treatment. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 20386-20399	5.1	8
25	A comparative study of ZnO-PVP and ZnO-PEG nanoparticles activity in membrane photocatalytic reactor (MPR) for industrial dye wastewater treatment under different membranes. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103143	6.8	23
24	Incorporation of layered double hydroxide nanofillers in polyamide nanofiltration membrane for high performance of salts rejections. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 97, 1-15	5.3	28
23	A novel one-step synthesis of nanocluster-like Pt incorporated reduced graphene oxide as robust nanocatalyst for highly efficient electro-catalytic oxidation of methanol. <i>Materials Letters</i> , <b>2019</b> , 254, 37-41	3.3	2

22	Photocatalytic degradation of phenol by LaFeO <sub>3</sub> nanocrystalline synthesized by gel combustion method via citric acid route. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	8
21	Roles of nanomaterial structure and surface coating on thin film nanocomposite membranes for enhanced desalination. <i>Composites Part B: Engineering</i> , <b>2019</b> , 160, 471-479	10	23
20	Forward Osmosis (FO) for Removal of Heavy Metals <b>2019</b> , 177-204		11
19	Reusability Performance of Zinc Oxide Nanoparticles for Photocatalytic Degradation of POME. <i>E3S Web of Conferences</i> , <b>2018</b> , 34, 02013	0.5	8
18	Photocatalytic degradation of oilfield produced water using graphitic carbon nitride embedded in electrospun polyacrylonitrile nanofibers. <i>Chemosphere</i> , <b>2018</b> , 204, 79-86	8.4	30
17	Efficient separation of oily wastewater using polyethersulfone mixed matrix membrane incorporated with halloysite nanotube-hydrous ferric oxide nanoparticle. <i>Separation and Purification Technology</i> , <b>2018</b> , 199, 161-169	8.3	45
16	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. <i>E3S Web of Conferences</i> , <b>2018</b> , 34, 02003	0.5	3
15	Performance of PES/LSMM-OGCN Photocatalytic Membrane for Phenol Removal: Effect of OGCN Loading. <i>Membranes</i> , <b>2018</b> , 8,	3.8	6
14	Carbon-Based Polymer Nanocomposites for Dye and Pigment Removal <b>2018</b> , 305-329		2
13	Methane adsorption capacity on graphene derived from glucose and ferric chloride <b>2018</b> ,		1
12	Effects of manganese(VI) oxide on polyacrylonitrile-based activated carbon nanofibers (ACNFs) and its preliminary study for adsorption of lead(II) ions. <i>Emergent Materials</i> , <b>2018</b> , 1, 89-94	3.5	13
11	Towards high performance perovskite solar cells: A review of morphological control and HTM development. <i>Applied Materials Today</i> , <b>2018</b> , 13, 69-82	6.6	33
10	Enhancement in photocatalytic degradation of methylene blue by LaFeO <sub>3</sub> -GO integrated photocatalyst-adsorbents under visible light irradiation. <i>Korean Journal of Chemical Engineering</i> , <b>2018</b> , 35, 548-556	2.8	18
9	Characterizations of Polysulfone/Ferrihydrite Mixed Matrix Membranes for Water/Wastewater Treatment. <i>Water Environment Research</i> , <b>2018</b> , 90, 64-73	2.8	14
8	Palm oil mill secondary effluent (POMSE) treatment via photocatalysis process in presence of ZnO-PEG nanoparticles. <i>Journal of Water Process Engineering</i> , <b>2018</b> , 26, 10-16	6.7	25
7	The Morphology Effect on the Selectivity of SPEEK/ENR Membranes for Direct Methanol Fuel Cell. <i>Materials Science Forum</i> , <b>2017</b> , 890, 267-273	0.4	
6	Polyacrylonitrile/magnesium oxide-based activated carbon nanofibers with well-developed microporous structure and their adsorption performance for methane. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 51, 281-287	6.3	32
5	Microstructure of polyacrylonitrile-based activated carbon fibers prepared from solvent-free coagulation process. <i>Journal of Applied Research and Technology</i> , <b>2016</b> , 14, 54-61	1.7	22

4	Polysulfone/hydrous ferric oxide ultrafiltration mixed matrix membrane: Preparation, characterization and its adsorptive removal of lead (II) from aqueous solution. <i>Chemical Engineering Journal</i> , <b>2016</b> , 289, 28-37	14.7	155
3	ADSORPTION OF CADMIUM (II) IONS BY POLYACRYLONITRILE-BASED ACTIVATED CARBON NANOFIBERS/MAGNESIUM OXIDE AS ITS ADSORBENTS. <i>Malaysian Journal of Analytical Sciences</i> , <b>2016</b> , 20, 1467-1473	1	6
2	A Review on the Fabrication of Electrospun Polymer Electrolyte Membrane for Direct Methanol Fuel Cell. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-16	3.2	21
1	Preparation and Photocatalytic Activity of Mixed Phase Anatase/rutile TiO <sub>2</sub> Nanoparticles for Phenol Degradation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2014</b> , 70,	1.2	3