Norhaniza Yusof

List of Publications by Citations

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	Polysulfone/hydrous ferric oxide ultrafiltration mixed matrix membrane: Preparation, characterization and its adsorptive removal of lead (II) from aqueous solution. *Chemical Engineering Journal*, **2016**, 289, 28-37	14.7	155
56	Adsorptive removal of heavy metal ions using graphene-based nanomaterials: Toxicity, roles of functional groups and mechanisms. *Chemosphere*, **2020**, 248, 126008	8.4	120
55	Efficient separation of oily wastewater using polyethersulfone mixed matrix membrane incorporated with halloysite nanotube-hydrous ferric oxide nanoparticle. *Separation and Purification Technology*, **2018**, 199, 161-169	8.3	45
54	Towards high performance perovskite solar cells: A review of morphological control and HTM development. *Applied Materials Today*, **2018**, 13, 69-82	6.6	33
53	Polyacrylonitrile/magnesium oxide-based activated carbon nanofibers with well-developed microporous structure and their adsorption performance for methane. *Journal of Industrial and Engineering Chemistry*, **2017**, 51, 281-287	6.3	32
52	Photocatalytic degradation of oilfield produced water using graphitic carbon nitride embedded in electrospun polyacrylonitrile nanofibers. *Chemosphere*, **2018**, 204, 79-86	8.4	30
51	Incorporation of layered double hydroxide nanofillers in polyamide nanofiltration membrane for high performance of salts rejections. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 97, 1-11	5.3	28
50	Performance of Polymer Electrolyte Membrane for Direct Methanol Fuel Cell Application: Perspective on Morphological Structure. *Membranes*, **2020**, 10,	3.8	26
49	Palm oil mill secondary effluent (POMSE) treatment via photocatalysis process in presence of ZnO-PEG nanoparticles. *Journal of Water Process Engineering*, **2018**, 26, 10-16	6.7	25
48	A comparative study of ZnO-PVP and ZnO-PEG nanoparticles activity in membrane photocatalytic reactor (MPR) for industrial dye wastewater treatment under different membranes. *Journal of Environmental Chemical Engineering*, **2019**, 7, 103143	6.8	23
47	Roles of nanomaterial structure and surface coating on thin film nanocomposite membranes for enhanced desalination. *Composites Part B: Engineering*, **2019**, 160, 471-479	10	23
46	Microstructure of polyacrylonitrile-based activated carbon fibers prepared from solvent-free coagulation process. *Journal of Applied Research and Technology*, **2016**, 14, 54-61	1.7	22
45	A Review on the Fabrication of Electrospun Polymer Electrolyte Membrane for Direct Methanol Fuel Cell. *Journal of Nanomaterials*, **2015**, 2015, 1-16	3.2	21
44	CuBTC metal organic framework incorporation for enhancing separation and antifouling properties of nanofiltration membrane. *Chemical Engineering Research and Design*, **2019**, 148, 227-239	5.5	20
43	Activated carbon nanofibers incorporated metal oxides for CO2 adsorption: Effects of different type of metal oxides. *Journal of CO2 Utilization*, **2021**, 45, 101434	7.6	18
42	Enhancement in photocatalytic degradation of methylene blue by LaFeO3-GO integrated photocatalyst-adsorbents under visible light irradiation. *Korean Journal of Chemical Engineering*, **2018**, 35, 548-556	2.8	18
41	Development of Copper-Aluminum Layered Double Hydroxide in Thin Film Nanocomposite Nanofiltration Membrane for Water Purification Process. *Frontiers in Chemistry*, **2019**, 7, 3	5	17

40	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. *Journal of Environmental Management*, **2021**, 290, 112565	7.9	16
39	Characterizations of Polysulfone/Ferrihydrite Mixed Matrix Membranes for Water/Wastewater Treatment. *Water Environment Research*, **2018**, 90, 64-73	2.8	14
38	Effects of manganese(VI) oxide on polyacrylonitrile-based activated carbon nanofibers (ACNFs) and its preliminary study for adsorption of lead(II) ions. *Emergent Materials*, **2018**, 1, 89-94	3.5	13
37	Polyethersulfone ultrafiltration membrane incorporated with ferric-based metal-organic framework for textile wastewater treatment. *Separation and Purification Technology*, **2021**, 270, 118819	8.3	13
36	Review on tungsten trioxide as a photocatalysts for degradation of recalcitrant pollutants. *Journal of Cleaner Production*, **2021**, 309, 127438	10.3	12
35	Forward Osmosis (FO) for Removal of Heavy Metals **2019**, 177-204		11
34	Methane adsorption by porous graphene derived from rice husk ashes under various stabilization temperatures. *Carbon Letters*, **2020**, 30, 535-543	2.3	10
33	Electrospun Composites Made of Reduced Graphene Oxide and Polyacrylonitrile-Based Activated Carbon Nanofibers (rGO/ACNF) for Enhanced CO Adsorption. *Polymers*, **2020**, 12,	4.5	10
32	A Mini Review on Parameters Affecting the Semiconducting Oxide Photocatalytic Microbial Disinfection. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	10
31	Hydrous ferric oxide nanoparticles hosted porous polyethersulfone adsorptive membrane: chromium (VI) adsorptive studies and its applicability for water/wastewater treatment. *Environmental Science and Pollution Research*, **2019**, 26, 20386-20399	5.1	8
30	Reusability Performance of Zinc Oxide Nanoparticles for Photocatalytic Degradation of POME. *E3S Web of Conferences*, **2018**, 34, 02013	0.5	8
29	Photocatalytic degradation of phenol by LaFeO3 nanocrystalline synthesized by gel combustion method via citric acid route. *SN Applied Sciences*, **2019**, 1, 1	1.8	8
28	Preparation and characterization of polyacrylonitrile-based activated carbon nanofibers/graphene (gACNFs) composite synthesized by electrospinning. *AIP Advances*, **2020**, 10, 055117	1.5	6
27	Performance of PES/LSMM-OGCN Photocatalytic Membrane for Phenol Removal: Effect of OGCN Loading. *Membranes*, **2018**, 8,	3.8	6
26	ADSORPTION OF CADMIUM (II) IONS BY POLYACRYLONITRILE-BASED ACTIVATED CARBON NANOFIBERS/MAGNESIUM OXIDE AS ITS ADSORBENTS. *Malaysian Journal of Analytical Sciences*, **2016**, 20, 1467-1473	1	6
25	Pb(II) removal and its adsorption from aqueous solution using zinc oxide/graphene oxide composite. *Chemical Engineering Communications*, **2021**, 208, 646-660	2.2	6
24	Halloysite Nanotube-Ferrihydrite Incorporated Polyethersulfone Mixed Matrix Membrane: Effect of Nanocomposite Loading on the Antifouling Performance. *Polymers*, **2021**, 13,	4.5	6
23	Novel Activated Carbon Nanofibers Composited with Cost-Effective Graphene-Based Materials for Enhanced Adsorption Performance toward Methane. *Polymers*, **2020**, 12,	4.5	5

22	Activated-Carbon Nanofibers/Graphene Nanocomposites and Their Adsorption Performance Towards Carbon Dioxide. *Chemical Engineering and Technology*, **2020**, 43, 2023-2030	2	4
21	Innovative polymer-complex draw solution for copper(II) removal using forward osmosis. *Journal of Environmental Chemical Engineering*, **2021**, 9, 104854	6.8	4
20	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. *E3S Web of Conferences*, **2018**, 34, 02003	0.5	3
19	Preparation and Photocatalytic Activity of Mixed Phase Anatase/rutile TiO2 Nanoparticles for Phenol Degradation. *Jurnal Teknologi (Sciences and Engineering)*, **2014**, 70,	1.2	3
18	The Application of Ferric-Metal-Organic Framework for Dye Removal: A Mini Review. *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, **2020**, 75, 68-80	1.8	3
17	Removal of lead(II) by nanofiltration-ranged thin film nanocomposite membrane incorporated UiO-66-NH2: Comparative removal performance between hydraulic-driven and osmotic-driven membrane process. *Journal of the Taiwan Institute of Chemical Engineers*, **2021**, 128, 354-354	5.3	3
16	Visible light□driven perovskite-based photocatalyst for wastewater treatment **2020**, 265-302		2
15	Carbon-Based Polymer Nanocomposites for Dye and Pigment Removal **2018**, 305-329		2
14	A novel one-step synthesis of nanocluster-like Pt incorporated reduced graphene oxide as robust nanocatalyst for highly efficient electro-catalytic oxidation of methanol. *Materials Letters*, **2019**, 254, 37-41	3.3	2
13	Mixed matrix composite membranes based on amination of reduced graphene oxide for CO2 separation: Effects of heating time and nanofiller loading. *Korean Journal of Chemical Engineering*, **2020**, 37, 2287-2294	2.8	2
12	Porous polyether sulfone for direct methanol fuel cell applications: Structural analysis. *International Journal of Energy Research*, **2021**, 45, 2277-2291	4.5	2
11	Surface modification of PA layer of TFC membranes: Does it effective for performance Improvement?. *Journal of Industrial and Engineering Chemistry*, **2021**, 102, 271-292	6.3	2
10	Fabrication and characterizations of hybrid membrane containing tannin-modified metal-organic framework for water treatment. *Materials Today: Proceedings*, **2021**, 46, 1954-1958	1.4	2
9	Methane adsorption capacity on graphene derived from glucose and ferric chloride **2018**,		1
8	Enhanced performance of lanthanum orthoferrite/chitosan nanocomposites for adsorptive photocatalytic removal of Reactive Black 5. *Korean Journal of Chemical Engineering*, **2021**, 38, 1648-1659	2.8	1
7	Polyethyleneimine-impregnated activated carbon nanofiber composited graphene-derived rice husk char for efficient post-combustion CO2 capture. *Nanotechnology Reviews*, **2022**, 11, 926-944	6.3	1
6	Rice husk derived graphene-like material: Activation with phosphoric acid in the absence of inert gas for hydrogen gas storage. *International Journal of Hydrogen Energy*, **2021**, 46, 31084-31095	6.7	0
5	A Rotary Spacer System for Energy-Efficient Membrane Fouling Control in Oil/Water Emulsion Filtration. *Membranes*, **2022**, 12, 554	3.8	0

List of Publications

4	The Morphology Effect on the Selectivity of SPEEK/ENR Membranes for Direct Methanol Fuel Cell. *Materials Science Forum*, **2017**, 890, 267-273	0.4
3	Production and Applications of Biomass-Derived Graphene-Like Materials **2020**, 1-31	
2	Effects of carbonization conditions on the microporous structure and high-pressure methane adsorption behavior of glucose-derived graphene. *Korean Journal of Chemical Engineering*, **2020**, 37, 2068-2074	2.8
1	Production and Applications of Biomass-Derived Graphene-Like Materials **2021**, 923-952	