

Norhaniza Yusof

List of Publications by Year in descending order

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61
papers

1,521
citations

331259

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329751

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all docs

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docs citations

61
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorptive removal of heavy metal ions using graphene-based nanomaterials: Toxicity, roles of functional groups and mechanisms. <i>Chemosphere</i> , 2020, 248, 126008.	4.2	261
2	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> , 2016, 289, 28-37.	6.6	196
3	Efficient separation of oily wastewater using polyethersulfone mixed matrix membrane incorporated with halloysite nanotube-hydrous ferric oxide nanoparticle. <i>Separation and Purification Technology</i> , 2018, 199, 161-169.	3.9	71
4	Polyethersulfone ultrafiltration membrane incorporated with ferric-based metal-organic framework for textile wastewater treatment. <i>Separation and Purification Technology</i> , 2021, 270, 118819.	3.9	62
5	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> , 2019, 97, 1-11.	2.7	55
6	Photocatalytic degradation of oilfield produced water using graphitic carbon nitride embedded in electrospun polyacrylonitrile nanofibers. <i>Chemosphere</i> , 2018, 204, 79-86.	4.2	51
7	Performance of Polymer Electrolyte Membrane for Direct Methanol Fuel Cell Application: Perspective on Morphological Structure. <i>Membranes</i> , 2020, 10, 34.	1.4	45
8	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. <i>Journal of Environmental Management</i> , 2021, 290, 112565.	3.8	45
9	Towards high performance perovskite solar cells: A review of morphological control and HTM development. <i>Applied Materials Today</i> , 2018, 13, 69-82.	2.3	43
10	Activated carbon nanofibers incorporated metal oxides for CO ₂ adsorption: Effects of different type of metal oxides. <i>Journal of CO₂ Utilization</i> , 2021, 45, 101434.	3.3	42
11	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> , 2017, 51, 281-287.	2.9	41
12	Review on tungsten trioxide as a photocatalysts for degradation of recalcitrant pollutants. <i>Journal of Cleaner Production</i> , 2021, 309, 127438.	4.6	37
13	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> , 2019, 7, 103143.	3.3	35
14	Roles of nanomaterial structure and surface coating on thin film nanocomposite membranes for enhanced desalination. <i>Composites Part B: Engineering</i> , 2019, 160, 471-479.	5.9	33
15	Palm oil mill secondary effluent (POMSE) treatment via photocatalysis process in presence of ZnO-PEG nanoparticles. <i>Journal of Water Process Engineering</i> , 2018, 26, 10-16.	2.6	32
16	CuBTC metal organic framework incorporation for enhancing separation and antifouling properties of nanofiltration membrane. <i>Chemical Engineering Research and Design</i> , 2019, 148, 227-239.	2.7	29
17	Development of Copper-Aluminum Layered Double Hydroxide in Thin Film Nanocomposite Nanofiltration Membrane for Water Purification Process. <i>Frontiers in Chemistry</i> , 2019, 7, 3.	1.8	28
18	Enhancement in photocatalytic degradation of methylene blue by LaFeO ₃ -GO integrated photocatalyst-adsorbents under visible light irradiation. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 548-556.	1.2	26

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19	Methane adsorption by porous graphene derived from rice husk ashes under various stabilization temperatures. <i>Carbon Letters</i> , 2020, 30, 535-543.	3.3	26
20	A Review on the Fabrication of Electrospun Polymer Electrolyte Membrane for Direct Methanol Fuel Cell. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-16.	1.5	25
21	Microstructure of polyacrylonitrile-based activated carbon fibers prepared from solvent-free coagulation process. <i>Journal of Applied Research and Technology</i> , 2016, 14, 54-61.	0.6	25
22	Characterizations of Polysulfone/Ferrihydrite Mixed Matrix Membranes for Water/Wastewater Treatment. <i>Water Environment Research</i> , 2018, 90, 64-73.	1.3	18
23	Surface modification of PA layer of TFC membranes: Does it effective for performance Improvement?. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 102, 271-292.	2.9	18
24	Pb(II) removal and its adsorption from aqueous solution using zinc oxide/graphene oxide composite. <i>Chemical Engineering Communications</i> , 2021, 208, 646-660.	1.5	18
25	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> , 2018, 1, 89-94.	3.2	17
26	Electrospun Composites Made of Reduced Graphene Oxide and Polyacrylonitrile-Based Activated Carbon Nanofibers (rGO/ACNF) for Enhanced CO ₂ Adsorption. <i>Polymers</i> , 2020, 12, 2117.	2.0	17
27	Forward Osmosis (FO) for Removal of Heavy Metals. , 2019, , 177-204.		16
28	A Mini Review on Parameters Affecting the Semiconducting Oxide Photocatalytic Microbial Disinfection. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	16
29	Removal of lead(II) by nanofiltration-ranged thin film nanocomposite membrane incorporated UiO-66-NH ₂ : Comparative removal performance between hydraulic-driven and osmotic-driven membrane process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 128, 354-369.	2.7	13
30	Reusability Performance of Zinc Oxide Nanoparticles for Photocatalytic Degradation of POME. <i>E3S Web of Conferences</i> , 2018, 34, 02013.	0.2	12
31	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> , 2019, 26, 20386-20399.	2.7	11
32	Photocatalytic degradation of phenol by LaFeO ₃ nanocrystalline synthesized by gel combustion method via citric acid route. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	11
33	Halloysite Nanotube-Ferrihydrite Incorporated Polyethersulfone Mixed Matrix Membrane: Effect of Nanocomposite Loading on the Antifouling Performance. <i>Polymers</i> , 2021, 13, 441.	2.0	11
34	Activated Carbon Nanofibers/Graphene Nanocomposites and Their Adsorption Performance Towards Carbon Dioxide. <i>Chemical Engineering and Technology</i> , 2020, 43, 2023-2030.	0.9	10
35	Novel Activated Carbon Nanofibers Compositated with Cost-Effective Graphene-Based Materials for Enhanced Adsorption Performance toward Methane. <i>Polymers</i> , 2020, 12, 2064.	2.0	9
36	Fabrication and characterizations of hybrid membrane containing tannin-modified metal-organic framework for water treatment. <i>Materials Today: Proceedings</i> , 2021, 46, 1954-1958.	0.9	9

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37	Performance of mixed matrix ultrafiltration membrane for textile wastewater treatment. <i>Materials Today: Proceedings</i> , 2022, 65, 3015-3019.	0.9	9
38	Preparation and characterization of polyacrylonitrile-based activated carbon nanofibers/graphene (gACNFs) composite synthesized by electrospinning. <i>AIP Advances</i> , 2020, 10, 055117.	0.6	8
39	Innovative polymer-complex draw solution for copper(II) removal using forward osmosis. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104854.	3.3	8
40	Polyethyleneimine-impregnated activated carbon nanofiber composited graphene-derived rice husk char for efficient post-combustion CO ₂ capture. <i>Nanotechnology Reviews</i> , 2022, 11, 926-944.	2.6	8
41	Performance of PES/LSMM-OGCN Photocatalytic Membrane for Phenol Removal: Effect of OGCN Loading. <i>Membranes</i> , 2018, 8, 42.	1.4	7
42	Enhanced performance of lanthanum orthoferrite/chitosan nanocomposites for adsorptive photocatalytic removal of Reactive Black 5. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1648-1659.	1.2	7
43	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> , 2021, 46, 31084-31095.	3.8	7
44	ADSORPTION OF CADMIUM (II) IONS BY POLYACRYLONITRILE-BASED ACTIVATED CARBON NANOFIBERS/MAGNESIUM OXIDE AS ITS ADSORBENTS. <i>Malaysian Journal of Analytical Sciences</i> , 2016, 20, 1467-1473.	0.2	7
45	A Rotary Spacer System for Energy-Efficient Membrane Fouling Control in Oil/Water Emulsion Filtration. <i>Membranes</i> , 2022, 12, 554.	1.4	6
46	Enhancing water flux and antifouling properties of PES hollow fiber membranes via incorporation of surface-functionalized Fe ₃ O ₄ nanoparticles. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1006-1020.	1.6	5
47	Mechanical, microstructural, and dynamic mechanical properties of electrospun short nanofiber reinforced epoxy composites. <i>Polymer Composites</i> , 2022, 43, 7028-7043.	2.3	5
48	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. <i>E3S Web of Conferences</i> , 2018, 34, 02003.	0.2	4
49	Porous polyether sulfone for direct methanol fuel cell applications: Structural analysis. <i>International Journal of Energy Research</i> , 2021, 45, 2277-2291.	2.2	4
50	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> , 2020, 75, 68-80.	0.3	4
51	Preparation and Photocatalytic Activity of Mixed Phase Anatase/rutile TiO ₂ Nanoparticles for Phenol Degradation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 70, .	0.3	3
52	Carbon-Based Polymer Nanocomposites for Dye and Pigment Removal. , 2018, , 305-329.		3
53	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> , 2019, 254, 37-41.	1.3	3
54	Mixed matrix composite membranes based on amination of reduced graphene oxide for CO ₂ separation: Effects of heating time and nanofiller loading. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2287-2294.	1.2	3

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55	Visible light-driven perovskite-based photocatalyst for wastewater treatment. , 2020, , 265-302.		2
56	Development of Free-Standing Titanium Dioxide Hollow Nanofibers Photocatalyst with Enhanced Recyclability. Membranes, 2022, 12, 342.	1.4	2
57	Methane adsorption capacity on graphene derived from glucose and ferric chloride. AIP Conference Proceedings, 2018, , .	0.3	1
58	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.	1.2	1
59	The Morphology Effect on the Selectivity of SPEEK/ENR Membranes for Direct Methanol Fuel Cell. Materials Science Forum, 0, 890, 267-273.	0.3	0
60	Production and Applications of Biomass-Derived Graphene-Like Materials. , 2021, , 923-952.		0
61	Production and Applications of Biomass-Derived Graphene-Like Materials. , 2020, , 1-31.		0