

Wan Norharyati Wan Salleh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6325424/wan-norharyati-wan-salleh-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

82

papers

1,667

citations

24

h-index

39

g-index

87

ext. papers

2,143

ext. citations

3.8

avg, IF

5.28

L-index

#	Paper	IF	Citations
82	Precursor Selection and Process Conditions in the Preparation of Carbon Membrane for Gas Separation: A Review. <i>Separation and Purification Reviews</i> , 2011 , 40, 261-311	7.3	123
81	Adsorptive removal of heavy metal ions using graphene-based nanomaterials: Toxicity, roles of functional groups and mechanisms. <i>Chemosphere</i> , 2020 , 248, 126008	8.4	120
80	Physicochemical properties of green nanocrystalline cellulose isolated from recycled newspaper. <i>RSC Advances</i> , 2015 , 5, 29842-29849	3.7	100
79	Hybrid membrane filtration-advanced oxidation processes for removal of pharmaceutical residue. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 236-260	9.3	98
78	An overview on cellulose-based material in tailoring bio-hybrid nanostructured photocatalysts for water treatment and renewable energy applications. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 1232-1256	7.9	95
77	Carbon as amorphous shell and interstitial dopant in mesoporous rutile TiO ₂ : Bio-template assisted sol-gel synthesis and photocatalytic activity. <i>Applied Surface Science</i> , 2017 , 393, 46-59	6.7	79
76	Incorporation of N-doped TiO ₂ nanorods in regenerated cellulose thin films fabricated from recycled newspaper as a green portable photocatalyst. <i>Carbohydrate Polymers</i> , 2015 , 133, 429-37	10.3	68
75	Physicochemical characterization of cellulose nanocrystal and nanoporous self-assembled CNC membrane derived from Ceiba pentandra. <i>Carbohydrate Polymers</i> , 2017 , 157, 1892-1902	10.3	65
74	Regenerated cellulose membrane as bio-template for in-situ growth of visible-light driven C-modified mesoporous titania. <i>Carbohydrate Polymers</i> , 2016 , 146, 166-73	10.3	54
73	New Perspectives on Fuel Cell Technology: A Brief Review. <i>Membranes</i> , 2020 , 10,	3.8	53
72	Photodegradation of phenol by N-Doped TiO ₂ anatase/rutile nanorods assembled microsphere under UV and visible light irradiation. <i>Materials Chemistry and Physics</i> , 2015 , 162, 113-123	4.4	47
71	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	8.3	45
70	Photocatalytic degradation of phenol over visible light active ZnO/Ag ₂ CO ₃ /Ag ₂ O nanocomposites heterojunction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 364, 602-612	4.7	38
69	Feasibility of recycled newspaper as cellulose source for regenerated cellulose membrane fabrication. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	36
68	Preparation and characterization of low cost porous ceramic membrane support from kaolin using phase inversion/sintering technique for gas separation: Effect of kaolin content and non-solvent coagulant bath. <i>Chemical Engineering Research and Design</i> , 2016 , 112, 24-35	5.5	35
67	Carbon tubular membranes from nanocrystalline cellulose blended with P84 co-polyimide for H ₂ and He separation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 9952-9957	6.7	33
66	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	6.3	32

65	Disk supported carbon membrane via spray coating method: Effect of carbonization temperature and atmosphere. <i>Separation and Purification Technology</i> , 2018 , 195, 295-304	8.3	32
64	Matrimid-based carbon tubular membrane: Effect of carbonization environment. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 32, 167-171	6.3	30
63	Photocatalytic degradation of oilfield produced water using graphitic carbon nitride embedded in electrospun polyacrylonitrile nanofibers. <i>Chemosphere</i> , 2018 , 204, 79-86	8.4	30
62	Electrospun Nanofibers Embedding ZnO/Ag ₂ CO ₃ /Ag ₂ O Heterojunction Photocatalyst with Enhanced Photocatalytic Activity. <i>Catalysts</i> , 2019 , 9, 565	4	30
61	Structural characterization of N-doped anatase/rutile mixed phase TiO ₂ nanorods assembled microspheres synthesized by simple sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 74, 513-520	2.3	30
60	Fabrication and characterization of PEI/PVP-based carbon hollow fiber membranes for CO ₂ /CH ₄ and CO ₂ /N ₂ separation. <i>AIChE Journal</i> , 2012 , 58, 3167-3175	3.6	29
59	Development and characterization of disk supported carbon membrane prepared by one-step coating-carbonization cycle. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 57, 313-321	6.3	24
58	Adsorption Behavior of Chromium(VI) onto Regenerated Cellulose Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 720-728	3.9	22
57	Effect of Stabilization Condition on PEI/PVP-Based Carbon Hollow Fiber Membranes Properties. <i>Separation Science and Technology</i> , 2013 , 48, 1030-1039	2.5	20
56	Exploiting pyrolysis protocols on BTDA-TDI/MDI (P84) polyimide/nanocrystalline cellulose carbon membrane for gas separations. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 46901	2.9	19
55	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	2.8	18
54	Impact of stabilization environment and heating rates on P84 co-polyimide/nanocrystalline cellulose carbon membrane for hydrogen enrichment. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 20924-20932	6.7	17
53	Superwetting materials for hydrophilic-oleophobic membrane in oily wastewater treatment. <i>Journal of Environmental Management</i> , 2021 , 290, 112565	7.9	16
52	Effect of intermediate layer on gas separation performance of disk supported carbon membrane. <i>Separation Science and Technology</i> , 2017 , 52, 2137-2149	2.5	14
51	Membranes for hydrogen separation: a significant review. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 107, 1859-1881	3.2	14
50	Effect of stabilization temperature on gas permeation properties of carbon hollow fiber membrane. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2840-2846	2.9	14
49	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	3.5	13
48	Matrimid-based carbon tubular membranes: The effect of the polymer composition. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	13

47	Constructing a compact heterojunction structure of Ag ₂ CO ₃ /Ag ₂ O in-situ intermediate phase transformation decorated on ZnO with superior photocatalytic degradation of ibuprofen. <i>Separation and Purification Technology</i> , 2020 , 251, 117391	8.3	13
46	Review on tungsten trioxide as a photocatalysts for degradation of recalcitrant pollutants. <i>Journal of Cleaner Production</i> , 2021 , 309, 127438	10.3	12
45	Effects of the Citric Acid Addition on the Morphology, Surface Area, and Photocatalytic Activity of LaFeO ₃ Nanoparticles Prepared by Glucose-Based Gel Combustion Methods. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 609-617	3.9	11
44	Effect of stabilization temperature during pyrolysis process of P84 co-polyimide-based tubular carbon membrane for H ₂ /N ₂ and He/N ₂ separations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 342, 012027	0.4	10
43	P84/ZCC Hollow Fiber Mixed Matrix Membrane with PDMS Coating to Enhance Air Separation Performance. <i>Membranes</i> , 2020 , 10,	3.8	7
42	Preparation and characterization of polyacrylonitrile-based activated carbon nanofibers/graphene (gACNFs) composite synthesized by electrospinning. <i>AIP Advances</i> , 2020 , 10, 055117	1.5	6
41	P84/Zeolite-Carbon Composite Mixed Matrix Membrane for CO ₂ /CH ₄ Separation. <i>Indonesian Journal of Chemistry</i> , 2019 , 19, 650	1.5	6
40	Pb(II) removal and its adsorption from aqueous solution using zinc oxide/graphene oxide composite. <i>Chemical Engineering Communications</i> , 2021 , 208, 646-660	2.2	6
39	PVDF/HMO ultrafiltration membrane for efficient oil/water separation. <i>Chemical Engineering Communications</i> , 2021 , 208, 463-473	2.2	6
38	The Utilization of Recycled Newspaper in the Production of Cellulose Microfiber. <i>Advanced Materials Research</i> , 2016 , 1133, 644-648	0.5	5
37	Graft copolymerization of acrylonitrile onto recycled newspapers cellulose pulp 2017 ,		5
36	Efficient reduction of graphene oxide nanosheets using Na ₂ C ₂ O ₄ as a reducing agent. <i>Functional Materials Letters</i> , 2015 , 08, 1550026	1.2	5
35	Novel Activated Carbon Nanofibers Compositated with Cost-Effective Graphene-Based Materials for Enhanced Adsorption Performance toward Methane. <i>Polymers</i> , 2020 , 12,	4.5	5
34	Ibuprofen removal through photocatalytic filtration using antifouling PVDF- ZnO/Ag ₂ CO ₃ /Ag ₂ O nanocomposite membrane. <i>Materials Today: Proceedings</i> , 2021 , 42, 69-74	1.4	5
33	Impacts of Annealing Temperature on Morphological, Optical and Photocatalytic Properties of Gel-Combustion-Derived LaFeO ₃ Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 6153-6165	2.5	5
32	A short review on polymeric materials concerning degradable polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 788, 012047	0.4	4
31	Synthesis and Characterization of Titanium Dioxide Hollow Nanofiber for Photocatalytic Degradation of Methylene Blue Dye. <i>Membranes</i> , 2021 , 11,	3.8	4
30	Incorporation of layered double nanomaterials in thin film nanocomposite nanofiltration membrane for magnesium sulphate removal. <i>E3S Web of Conferences</i> , 2018 , 34, 02003	0.5	3

29	Simple Method to Enhance O ₂ /N ₂ Separation on P84 co-polyimide Hollow Fiber Membrane. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 546, 042042	0.4	3
28	Preparation and Photocatalytic Activity of Mixed Phase Anatase/rutile TiO ₂ Nanoparticles for Phenol Degradation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 70,	1.2	3
27	Zeolite templated carbon: Preparation, characterization and performance as filler material in co-polyimide membranes for CO ₂ /CH ₄ separation. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019 , 15, 407-413	2.1	3
26	Development of a P84/ZCC Composite Carbon Membrane for Gas Separation of H ₂ /CO and H ₂ /CH ₄ . <i>ACS Omega</i> , 2021 , 6, 15637-15650	3.9	3
25	Palm oil mill effluent treatment using tungsten trioxide: Adsorption and photocatalytic degradation. <i>Materials Today: Proceedings</i> , 2021 , 42, 22-27	1.4	3
24	A brief review on carbon selective membranes from polymer blends for gas separation performance. <i>Reviews in Chemical Engineering</i> , 2021 , 37, 339-362	5	3
23	Electrospinning parameters evaluation of PVDF-ZnO/Ag ₂ CO ₃ /Ag ₂ O composite nanofiber affect on porosity by using response surface methodology. <i>Materials Today: Proceedings</i> , 2021 , 46, 1824-1830	1.4	3
22	Effect of heating rates on the microstructure and gas permeation properties of carbon membranes. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018 , 14, 378-381	2.1	2
21	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	2.8	2
20	Surface functionalization of poly(vinylidene fluoride) membrane by radiation-induced emulsion polymerization of hydroxyethyl acrylates in an aqueous medium. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50307	2.9	2
19	Oxygen separation through p84 copolyimide/nanocrystalline cellulose carbon membrane: Impact of heating rates. <i>Chemical Engineering Communications</i> , 2021 , 208, 442-452	2.2	2
18	The utilization of micro-mesoporous carbon-based filler in the P84 hollow fibre membrane for gas separation. <i>Royal Society Open Science</i> , 2021 , 8, 201150	3.3	2
17	Effects of operating parameters on cadmium removal for wastewater treatment using zeolitic imidazolate framework-L/graphene oxide composite. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106139	6.8	2
16	Introduction to Green Polymeric Membranes 2019 , 95-116		1
15	Incorporation of thermally labile additives in polyimide carbon membrane for hydrogen separation. <i>International Journal of Hydrogen Energy</i> , 2020 , 46, 24855-24855	6.7	1
14	PI/NCC Carbon Membrane: Effect of Additives loading Towards Hydrogen Separation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 736, 022002	0.4	1
13	PI/NCC- based carbon molecular sieve membranes for Hydrogen purification: Effect of aging times. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 736, 022003	0.4	1
12	Modified recycled paper-based adsorbent for nickel removal. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 736, 072001	0.4	1

11	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 ^{2.8}	1
10	ELECTROSPUN NANOFIBER-COATED MEMBRANE: A REVIEW. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2 1
9	Synthesis, Characterization and Adsorption Properties of Grafted Cellulose for Cr (VI) Removal. <i>Materials Today: Proceedings</i> , 2019 , 19, 1777-1786	1.4 1
8	Photocatalytic Filtration of Zinc Oxide-Based Membrane with Enhanced Visible Light Responsiveness for Ibuprofen Removal. <i>Catalysts</i> , 2022 , 12, 209	4 0
7	Effect of various operating parameters towards PVDF/HMO mixed matrix membrane performance. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105667	6.8 0
6	Synthetic polymer-based membranes for hydrogen separation 2020 , 273-292	
5	Microporous Carbon Membrane: Preparation, Characterization, and Applications 2019 , 1-38	
4	PI/NCC Carbon Membrane: Effect of Heating Rates Towards Oxygen Separation Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 736, 022009	0.4
3	The influence of calcination temperature on the optical, morphological properties and photocatalytic activity of lanthanum orthoferrite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1142, 012001	0.4
2	Preparation of polyacrylnitrile (PAN)/ Manganese oxide based activated carbon nanofibers (ACNFs) for adsorption of Cadmium (II) from aqueous solution. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 36, 012051	0.3
1	Nanocellulose-Based Materials for Heavy Metal Removal from Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 1-34	0.8