

Mohd Ghazali Mohd Nawawi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

535
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

677
citing authors

#	ARTICLE	IF	CITATIONS
1	Pervaporation dehydration of isopropanol with chitosan membranes. <i>Journal of Membrane Science</i> , 1997, 124, 53-62.	8.2	154
2	Cu-NPs embedded 1D/2D CNTs/pCN heterojunction composite towards enhanced and continuous photocatalytic CO ₂ reduction to fuels. <i>Applied Surface Science</i> , 2019, 485, 450-461.	6.1	77
3	Engineering approach to enhance photocatalytic water splitting for dynamic H ₂ production using La ₂ O ₃ /TiO ₂ nanocatalyst in a monolith photoreactor. <i>Applied Surface Science</i> , 2019, 484, 1089-1101.	6.1	56
4	Tailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol. <i>Chemical Engineering Science</i> , 2019, 193, 217-229.	3.8	54
5	Optimisation of growth medium for the production of cyclodextrin glucanotransferase from <i>Bacillus stearothermophilus</i> HR1 using response surface methodology. <i>Process Biochemistry</i> , 2004, 39, 2053-2060.	3.7	32
6	Modified polydimethylsiloxane/polystyrene blended IPN pervaporation membrane for ethanol/water separation. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2666-2679.	2.6	22
7	Elucidation of cobalt disturbance on Ni/Al ₂ O ₃ in dissociating hydrogen towards improved CO ₂ methanation and optimization by response surface methodology (RSM). <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18562-18573.	7.1	20
8	Synthesis and application of polyacrylamide grafted magnetic cellulose flocculant for palm oil wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104014.	6.7	19
9	Measurements of partition, diffusion coefficients of solvents in polymer membranes using rectangular thin-channel column inverse gas chromatography (RTCCIGC). <i>Journal of Membrane Science</i> , 2001, 188, 205-218.	8.2	15
10	Platinum-promoted fibrous silica Y zeolite with enhanced mass transfer as a highly selective catalyst for <i>n</i> -dodecane hydroisomerization. <i>International Journal of Energy Research</i> , 2019, 43, 4201-4216.	4.5	14
11	Sago/PVA blend membranes for the recovery of ethyl acetate from water. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2183-2191.	4.9	14
12	Characterization and performance evaluations of sodium zeolite-Y filled chitosan polymeric membrane: Effect of sodium zeolite-Y concentration. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1740-1751.	2.6	12
13	Fabrication of nanohybrid polyetherimide/graphene oxide membranes: biofuel dehydration by pervaporation process. <i>RSC Advances</i> , 2016, 6, 103888-103894.	3.6	12
14	Tailoring metal/support interaction in 0D TiO ₂ NPs/MPs embedded 2D MAX composite with boosted interfacial charge carrier separation for stimulating photocatalytic H ₂ production. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104529.	6.7	10
15	Influence of Polystyrene on PDMS IPNs Blend Membrane Performance. <i>Separation Science and Technology</i> , 2012, 47, 562-576.	2.5	5
16	Starch as novel water soluble biopolymer in removal mixtures heavy metal ions via polymer enhanced ultrafiltration. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	5
17	Pervaporation dehydration of bio-fuel (n-butanol) by dry thermal treatment membrane. <i>Materials Research Express</i> , 2020, 7, 065001.	1.6	5
18	Pineapple leaves based activated carbon for efficient removal of reactive black 5 in aqueous. <i>Materials Today: Proceedings</i> , 2021, 47, 1241-1245.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Production and characterization of diesel-like fuel by catalytic upgrading of scrap tire pyrolysis oil using basic catalyst derived from blood cockle shell (<i>Anadara Granosa</i>). <i>Materials Today: Proceedings</i> , 2021, 47, 1317-1322.	1.8	3
20	Composite Chitosan Membranes for the Separation of Methanol/methyl tert-butyl Ether Mixtures. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	1
21	Bio-composite Nonwoven Media Based on Chitosan and Empty Fruit Bunches for Wastewater Application. , 2011, , .		0
22	A Simple and Cost-Effective Method for Fabricating Chitosan-Filled Filter Media from Lignocellulosic Biomass. <i>Applied Mechanics and Materials</i> , 2014, 606, 61-65.	0.2	0
23	Effect of Pre-Treatment of Lignocellulosic Fiber on Mechanical Properties of Chitosan-Filled Filter Media. <i>Advanced Materials Research</i> , 0, 931-932, 210-214.	0.3	0
24	Biopolymeric Adsorbent for the Removal of Methylene Blue: Characterizations, Equilibrium Isotherms and Kinetic Studies. <i>Advanced Materials Research</i> , 2015, 1125, 281-285.	0.3	0
25	Removal of Oily Wastewater Using Chitosan-filled Filter Media. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, 10-14.	0.4	0
26	Novel Hydrophilic Chitosan and Sago Based Membranes for Pervaporation of Organic-Water Mixtures. <i>Advanced Materials Research</i> , 0, 1125, 250-254.	0.3	0