

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Tailoring metal/support interaction in OD 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 |
| 5 | 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 |
| 6 | Pervaporation dehydration of bio-fuel (n-butanol) by dry thermal treatment membrane. <i>Materials Research Express</i> , 2020, 7, 065001. | 1.6 | 5 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 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 | 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 |
| 15 | Removal of Oily Wastewater Using Chitosan-filled Filter Media. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, . | 0.4 | 1 |
| 16 | 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 |
| 17 | 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 |
| 18 | Influence of Polystyrene on PDMS IPNs Blend Membrane Performance. <i>Separation Science and Technology</i> , 2012, 47, 562-576. | 2.5 | 5 |

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|----|---|-----|-----------|
| 19 | Modified polydimethylsiloxane/polystyrene blended IPN pervaporation membrane for ethanol/water separation. Journal of Applied Polymer Science, 2011, 122, 2666-2679. | 2.6 | 22 |
| 20 | Bio-composite Nonwoven Media Based on Chitosan and Empty Fruit Bunches for Wastewater Application. , 2011, , . | | 0 |
| 21 | Characterization and performance evaluations of sodium zeolite-Y filled chitosan polymeric membrane: Effect of sodium zeolite-Y concentration. Journal of Applied Polymer Science, 2006, 99, 1740-1751. | 2.6 | 12 |
| 22 | Optimisation of growth medium for the production of cyclodextrin glucanotransferase from Bacillus stearothermophilus HR1 using response surface methodology. Process Biochemistry, 2004, 39, 2053-2060. | 3.7 | 32 |
| 23 | Measurements of partition, diffusion coefficients of solvents in polymer membranes using rectangular thin-channel column inverse gas chromatography (RTCCIGC). Journal of Membrane Science, 2001, 188, 205-218. | 8.2 | 15 |
| 24 | Pervaporation dehydration of isopropanol with chitosan membranes. Journal of Membrane Science, 1997, 124, 53-62. | 8.2 | 154 |
| 25 | Effect of Pre-Treatment of Lignocellulosic Fiber on Mechanical Properties of Chitosan-Filled Filter Media. Advanced Materials Research, 0, 931-932, 210-214. | 0.3 | 0 |
| 26 | Novel Hydrophilic Chitosan and Sago Based Membranes for Pervaporation of Organic-Water Mixtures. Advanced Materials Research, 0, 1125, 250-254. | 0.3 | 0 |