Halim Hairul Nazirah Abdul

List of Publications by Year
in descending order

14 papers	194 citations	1040056 9 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	194 citing authors

#	Article	IF	Citations
1	Chemoenzymatic and microbial dynamic kinetic resolutions. Chirality, 2009, 21, 449-467.	2.6	43
2	Mass Transfer Performance of CO₂ Absorption from Natural Gas using Monoethanolamine (MEA) in High Pressure Operations. Industrial & Engineering Chemistry Research, 2015, 54, 1675-1680.	3.7	27
3	Mass transfer performance of 2-amino-2-methyl-1-propanol and piperazine promoted 2-amino-2-methyl-1-propanol blended solvent in high pressure CO2 absorption. International Journal of Greenhouse Gas Control, 2016, 49, 121-127.	4.6	21
4	Photocatalytic Degradation of Phenol in a Fluidized Bed Reactor Utilizing Immobilized TiO2 Photocatalyst: Characterization and Process Studies. Journal of Applied Sciences, 2011, 11, 2320-2326.	0.3	21
5	Process behaviour in a packed absorption column for high pressure CO2 absorption from natural gas using PZ+AMP blended solution. Fuel Processing Technology, 2017, 157, 20-28.	7.2	20
6	Mass Transfer Performance Study for CO2 Absorption into Non-Precipitated Potassium Carbonate Promoted with Glycine Using Packed Absorption Column. Sustainability, 2020, 12, 3873.	3.2	14
7	Rate-Based Modeling for Packed Absorption Column of the MEAâ€“CO₂â€“Water System at High-Pressure and High-CO₂ Loading Conditions. Industrial & Engineering Chemistry Research, 2019, 58, 12235-12246.	3.7	13
8	Integrated mathematical modeling for prediction of rich CO 2 absorption in structured packed column at elevated pressure conditions. Journal of Natural Gas Science and Engineering, 2016, 28, 737-745.	4.4	12
9	Selection of Renewable Energy in Rural Area Via Life Cycle Assessment-Analytical Hierarchy Process (LCA-AHP): A Case Study of Tatau, Sarawak. Sustainability, 2021, 13, 11880.	3.2	9
10	Packed column modelling and experimental evaluation for CO2 absorption using MDEA solution at high pressure and high CO2 concentrations. Journal of Natural Gas Science and Engineering, 2021, 88, 103829.	4.4	8
11	Controlled/Living Radical Polymerization of Methyl Methacrylate in the Presence of 2-Bromoethanol as a Transfer Agent and Comparison with Cumyl Dithiobenzoate as a RAFT Agent. Journal of Applied Sciences, 2009, 9, 3146-3150.	0.3	3
12	Host-Guest Inclusion Complexes Between Amlodipine Enantiomers in Biphasic Recognition Chiral Extraction System Using Tartaric Acid and Î²-Cyclodextrin Derivatives as Positive Confirmation Using of their Enantioselective Extraction. Scientia Pharmaceutica, 2015, 83, 683-698.	2.0	2
13	CO2 Absorption from Biogas Using Piperazine-Promoted 2-Amino-2-methyl-1-propanol: Process Performance in a Packed Column. Sustainability, 2022, 14, 7095.	3.2	1
14	A Review on CO2 Absorption using Chemical Solvents at Low and High CO2 Partial Pressure Conditions in a Packed Column. Open Chemical Engineering Journal, 2022, 16, .	0.5	0