

Lock Hei Ngu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

335
citations

1478505

6
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

244
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dairy manure pellets and palm oil mill effluent as alternative nutrient sources in cultivating <i>Sporosarcina pasteurii</i> for calcium carbonate bioprecipitation. <i>Letters in Applied Microbiology</i> , 2022, 74, 671-683. | 2.2 | 5 |
| 2 | Review of carbon capture absorbents for CO ₂ utilization. , 2022, 12, 394-427. | | 53 |
| 3 | Review of CO ₂ capture in construction-related industry and their utilization. <i>International Journal of Greenhouse Gas Control</i> , 2022, 119, 103727. | 4.6 | 14 |
| 4 | Review of oil palm-derived activated carbon for CO ₂ capture. <i>Carbon Letters</i> , 2021, 31, 201-252. | 5.9 | 25 |
| 5 | A review of CO ₂ adsorbents performance for different carbon capture technology processes conditions. , 2021, 11, 1076-1117. | | 61 |
| 6 | The production cost analysis of oil palm waste activated carbon: a pilot-scale evaluation. , 2020, 10, 999-1026. | | 26 |
| 7 | Synthesis, Characterization, Adsorption Isotherm, and Kinetic Study of Oil Palm Trunk-Derived Activated Carbon for Tannin Removal from Aqueous Solution. <i>ACS Omega</i> , 2020, 5, 28673-28683. | 3.5 | 35 |
| 8 | Influence of Ethanol Concentration and Template Ion Exchange Agent on Template Recycling in Mobil Crystalline Material 41 (MCM-41) Synthesis. <i>ASEAN Journal of Chemical Engineering</i> , 2020, 19, 130. | 0.5 | 1 |
| 9 | Lab-scale atmospheric CO ₂ absorption for calcium carbonate precipitation in sand. , 2019, 9, 519-528. | | 13 |
| 10 | Low-cost cultivation of <i>Sporosarcina pasteurii</i> strain in food-grade yeast extract medium for microbially induced carbonate precipitation (MICP) application. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 247-255. | 3.1 | 75 |
| 11 | Template Recycling and Reuse in MCM-41 Synthesis: Statistical Study. <i>Journal of Applied Science & Process Engineering</i> , 2018, 5, 213-226. | 0.1 | 1 |
| 12 | Recycling of surfactant template in mesoporous MCM-41 synthesis. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012044. | 0.6 | 2 |
| 13 | Effects of Co-current and Cross Flows on Circular Enhanced Gravity Plate Separator Efficiencies. <i>Environmental Engineering Research</i> , 2014, 19, 151-155. | 2.5 | 8 |
| 14 | Oil droplets and solid particles removal using circular separator with inclined coalescence mediums: comparison between co-current and counter-current flow. <i>Water Science and Technology</i> , 2010, 62, 1129-1135. | 2.5 | 1 |
| 15 | Quantitative dam break analysis on a reservoir earth dam. <i>International Journal of Environmental Science and Technology</i> , 2009, 6, 203-210. | 3.5 | 13 |