

Farihahusnah Hussin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

455
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

506
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Textural characteristics, surface chemistry and activation of bleaching earth: A review. <i>Chemical Engineering Journal</i> , 2011, 170, 90-106. | 12.7 | 137 |
| 2 | Recent trends in the development of adsorption technologies for carbon dioxide capture: A brief literature and patent reviews (2014–2018). <i>Journal of Cleaner Production</i> , 2020, 253, 119707. | 9.3 | 97 |
| 3 | Removal of lead by solar-photovoltaic electrocoagulation using novel perforated zinc electrode. <i>Journal of Cleaner Production</i> , 2017, 147, 206-216. | 9.3 | 63 |
| 4 | Adsorption of CO ₂ on palm shell based activated carbon modified by deep eutectic solvent: Breakthrough adsorption study. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105333. | 6.7 | 36 |
| 5 | Transforming Plastic Waste into Porous Carbon for Capturing Carbon Dioxide: A Review. <i>Energies</i> , 2021, 14, 8421. | 3.1 | 33 |
| 6 | Combined solar electrocoagulation and adsorption processes for Pb(II) removal from aqueous solution. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 143, 107619. | 3.6 | 22 |
| 7 | Biochar derived from fruit by-products using pyrolysis process for the elimination of Pb(II) ion: An updated review. <i>Chemosphere</i> , 2022, 287, 132250. | 8.2 | 22 |
| 8 | Solar photovoltaic applications: opportunities and challenges. <i>Reviews in Chemical Engineering</i> , 2018, 34, 503-528. | 4.4 | 16 |
| 9 | A Systematic Review of Amino Acid-Based Adsorbents for CO ₂ Capture. <i>Energies</i> , 2022, 15, 3753. | 3.1 | 11 |
| 10 | Recent development in the electrochemical conversion of carbon dioxide: Short review. <i>AIP Conference Proceedings</i> , 2019, , . | 0.4 | 8 |
| 11 | Recent advances in low-temperature electrochemical conversion of carbon dioxide. <i>Reviews in Chemical Engineering</i> , 2021, 37, 863-884. | 4.4 | 8 |
| 12 | Preparation of eco-friendly adsorbent for enhancing CO ₂ adsorption capacity. <i>Separation Science and Technology</i> , 0, , 1-15. | 2.5 | 2 |