

# 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  | 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        |
| 2  | A Systematic Review of Amino Acid-Based Adsorbents for CO <sub>2</sub> Capture. <i>Energies</i> , 2022, 15, 3753.                                                                                            | 3.1  | 11        |
| 3  | Recent advances in low-temperature electrochemical conversion of carbon dioxide. <i>Reviews in Chemical Engineering</i> , 2021, 37, 863-884.                                                                 | 4.4  | 8         |
| 4  | Adsorption of CO <sub>2</sub> 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  | 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        |
| 7  | Recent development in the electrochemical conversion of carbon dioxide: Short review. <i>AIP Conference Proceedings</i> , 2019, , .                                                                          | 0.4  | 8         |
| 8  | 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        |
| 9  | Solar photovoltaic applications: opportunities and challenges. <i>Reviews in Chemical Engineering</i> , 2018, 34, 503-528.                                                                                   | 4.4  | 16        |
| 10 | 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        |
| 11 | Textural characteristics, surface chemistry and activation of bleaching earth: A review. <i>Chemical Engineering Journal</i> , 2011, 170, 90-106.                                                            | 12.7 | 137       |
| 12 | Preparation of eco-friendly adsorbent for enhancing CO <sub>2</sub> adsorption capacity. <i>Separation Science and Technology</i> , 0, , 1-15.                                                               | 2.5  | 2         |