

Ying Siew Khoo

List of Publications by Year in descending order

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13
papers

244
citations

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times ranked

138
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Eco-friendly surface modification approach to develop thin film nanocomposite membrane with improved desalination and antifouling properties. <i>Journal of Advanced Research</i> , 2022, 36, 39-49. | 9.5 | 37 |
| 2 | A green approach to modify surface properties of polyamide thin film composite membrane for improved antifouling resistance. <i>Separation and Purification Technology</i> , 2020, 250, 116976. | 7.9 | 36 |
| 3 | Removal of emerging organic micropollutants via modified-reverse osmosis/nanofiltration membranes: A review. <i>Chemosphere</i> , 2022, 305, 135151. | 8.2 | 34 |
| 4 | Rapid and eco-friendly technique for surface modification of TFC RO membrane for improved filtration performance. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105227. | 6.7 | 25 |
| 5 | New Concept of Thin-Film Composite Nanofiltration Membrane Fabrication Using a Mist-Based Interfacial Polymerization Technique. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 9167-9178. | 3.7 | 24 |
| 6 | Environmentally friendly approach for the fabrication of polyamide thin film nanocomposite membrane with enhanced antifouling and antibacterial properties. <i>Separation and Purification Technology</i> , 2021, 260, 118249. | 7.9 | 19 |
| 7 | Surface modification of PA layer of TFC membranes: Does it effective for performance Improvement?. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 102, 271-292. | 5.8 | 18 |
| 8 | Rapid Surface Modification of Ultrafiltration Membranes for Enhanced Antifouling Properties. <i>Membranes</i> , 2020, 10, 401. | 3.0 | 16 |
| 9 | New approach of recycling end-of-life reverse osmosis membranes via sonication for microfiltration process. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106731. | 6.7 | 13 |
| 10 | Water flux increase by inverting the membrane from its normal position – Is it occurring in FO and PRO?. <i>Journal of Water Process Engineering</i> , 2020, 37, 101366. | 5.6 | 10 |
| 11 | Functionalization of reverse osmosis membrane with titania nanotube and polyacrylic acid for enhanced antiscaling properties. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105937. | 6.7 | 8 |
| 12 | Flux Increase Occurring When an Ultrafiltration Membrane Is Flipped from a Normal to an Inverted Position – Experiments and Theory. <i>Membranes</i> , 2022, 12, 129. | 3.0 | 4 |
| 13 | Recent progress of polyamide thin film nanocomposite membranes for water applications. , 2021, , 125-145. | | 0 |