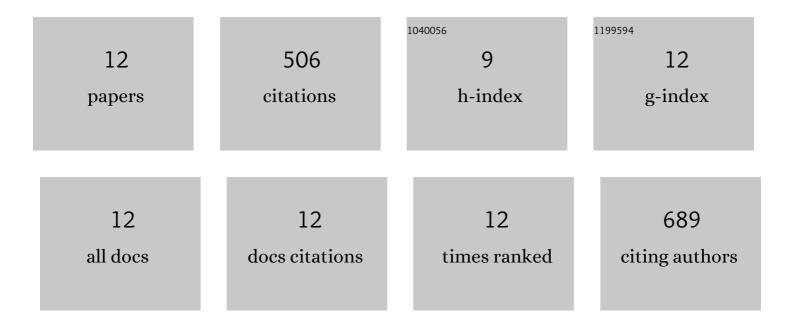
Shiou Xuan Tan

List of Publications by Year in descending order

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SHIOU ΧΠΛΝ ΤΛΝ

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Characterization and Parametric Study on Mechanical Properties Enhancement in Biodegradable Chitosan-Reinforced Starch-Based Bioplastic Film. Polymers, 2022, 14, 278. | 4.5 | 22 |
| 2 | A Comprehensive Review on the Emerging Roles of Nanofillers and Plasticizers towards Sustainable Starch-Based Bioplastic Fabrication. Polymers, 2022, 14, 664. | 4.5 | 26 |
| 3 | Rapid Ultrasound-Assisted Starch Extraction from Sago Pith Waste (SPW) for the Fabrication of Sustainable Bioplastic Film. Polymers, 2021, 13, 4398. | 4.5 | 5 |
| 4 | Ultrasonic assisted oil extraction and biodiesel synthesis of Spent Coffee Ground. Fuel, 2020, 261, 116121. | 6.4 | 52 |
| 5 | Biodiesel synthesis from oil palm empty fruit bunch biochar derived heterogeneous solid catalyst using 4-benzenediazonium sulfonate. Journal of Hazardous Materials, 2020, 390, 121532. | 12.4 | 40 |
| 6 | Utilisation of biomass wastes based activated carbon supported heterogeneous acid catalyst for biodiesel production. Renewable Energy, 2020, 158, 91-102. | 8.9 | 63 |
| 7 | State of the art review on development of ultrasound-assisted catalytic transesterification process for biodiesel production. Fuel, 2019, 235, 886-907. | 6.4 | 208 |
| 8 | Two-step catalytic reactive extraction and transesterification process via ultrasonic irradiation for biodiesel production from solid Jatropha oil seeds. Chemical Engineering and Processing: Process Intensification, 2019, 146, 107687. | 3.6 | 22 |
| 9 | Synthesis and characterisation of carbon-based solid acid catalyst from Jatropha biomass for biodiesel production. AIP Conference Proceedings, 2019, , . | 0.4 | 1 |
| 10 | Process intensification of biodiesel synthesis via ultrasoundâ€assisted <i>in situ</i> esterification of <i>Jatropha</i> oil seeds. Journal of Chemical Technology and Biotechnology, 2019, 94, 1362-1373. | 3.2 | 18 |
| 11 | <i>In situ</i> reactive extraction of <i>Jatropha curcas</i> L. seeds assisted by ultrasound: Preliminary studies. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1772-1779. | 2.3 | 4 |
| 12 | Integration of reactive extraction with supercritical fluids for process intensification of biodiesel production: Prospects and recent advances. Progress in Energy and Combustion Science, 2014, 45, 54-78. | 31.2 | 45 |