Shiou Xuan Tan

List of Publications by Year
in descending order

12	506	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	State of the art review on development of ultrasound-assisted catalytic transesterification process for biodiesel production. Fuel, 2019, 235, 886-907.	6.4	208
2	Utilisation of biomass wastes based activated carbon supported heterogeneous acid catalyst for biodiesel production. Renewable Energy, 2020, 158, 91-102.	8.9	63
3	Ultrasonic assisted oil extraction and biodiesel synthesis of Spent Coffee Ground. Fuel, 2020, 261, 116121.	6.4	52
4	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
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	A Comprehensive Review on the Emerging Roles of Nanofillers and Plasticizers towards Sustainable Starch-Based Bioplastic Fabrication. Polymers, 2022, 14, 664.	4.5	26
7	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
8	Characterization and Parametric Study on Mechanical Properties Enhancement in Biodegradable Chitosan-Reinforced Starch-Based Bioplastic Film. Polymers, 2022, 14, 278.	4.5	22
9	Process intensification of biodiesel synthesis via ultrasoundâ€assisted in situ esterification of Jatropha oil seeds. Journal of Chemical Technology and Biotechnology, 2019, 94, 1362-1373.	3.2	18
10	Rapid Ultrasound-Assisted Starch Extraction from Sago Pith Waste (SPW) for the Fabrication of Sustainable Bioplastic Film. Polymers, 2021, 13, 4398.	4.5	5
11	In situ reactive extraction of Jatropha curcas L. seeds assisted by ultrasound: Preliminary studies. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1772-1779.	2.3	4
12	Synthesis and characterisation of carbon-based solid acid catalyst from Jatropha biomass for biodiesel production. AIP Conference Proceedings, 2019, , .	0.4	1