

Kiat Moon Lee

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Effects of TiO ₂ Support and Cobalt Addition of Ni/TiO ₂ Catalyst in Selective Hydrogenation of Furfural to Furfuryl Alcohol. <i>Journal of Renewable Materials</i> , 2022, 10, 2055-2072.	1.1	0
2	Evaluation of deep eutectic solvent pretreatment towards efficacy of enzymatic saccharification using multivariate analysis techniques. <i>Journal of Cleaner Production</i> , 2022, 360, 132239.	4.6	18
3	Combination of ultrasonication and deep eutectic solvent in pretreatment of lignocellulosic biomass for enhanced enzymatic saccharification. <i>Cellulose</i> , 2021, 28, 1513-1526.	2.4	36
4	Interaction of Wave-Induced Motion and Bioelectricity Generation for Floating Microalgal Biophotovoltaic System. <i>Lecture Notes in Civil Engineering</i> , 2021, , 266-273.	0.3	1
5	Effects of Organic Solvents on the Organosolv Pretreatment of Degraded Empty Fruit Bunch for Fractionation and Lignin Removal. <i>Sustainability</i> , 2021, 13, 6757.	1.6	19
6	Multivariable power least squares method: Complementary tool for Response Surface Methodology. <i>Ain Shams Engineering Journal</i> , 2020, 11, 161-169.	3.5	9
7	Numerical simulation on ultrasonic cavitation due to superposition of acoustic waves. <i>Materials Science for Energy Technologies</i> , 2020, 3, 593-600.	1.0	6
8	Acidizing of conventional and tight sandstone formation using chelating agents: mineralogical prospect. <i>Journal of Petroleum Exploration and Production</i> , 2020, 10, 3587-3599.	1.2	7
9	Forecasting greenhouse gas emissions from coal-based resource in power plant using a nonsupervisory artificial neural network. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012184.	0.2	0
10	Dynamic behaviours of damaged stability for floating energy storage unit after accidental collision. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012110.	0.2	0
11	Synergistic ultrasound-assisted organosolv pretreatment of oil palm empty fruit bunches for enhanced enzymatic saccharification: An optimization study using artificial neural networks. <i>Biomass and Bioenergy</i> , 2020, 139, 105621.	2.9	27
12	On stability of time marching in numerical solutions of rayleigh-pleisset equation for ultrasonic cavitation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012117.	0.2	4
13	Delignification of oil palm empty fruit bunch via ultrasound-assisted deep eutectic solvent pretreatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012007.	0.2	5
14	Self-made electromagnetic vibration energy harvester of different stroke length and number of coil turns. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012109.	0.2	0
15	Dataset of alkaline ethylene glycol pretreatment and two-staged acid hydrolysis using oil palm empty fruit bunch. <i>Data in Brief</i> , 2020, 30, 105431.	0.5	1
16	Two-staged acid hydrolysis on ethylene glycol pretreated degraded oil palm empty fruit bunch for sugar based substrate recovery. <i>Bioresource Technology</i> , 2019, 292, 121967.	4.8	18
17	Delfim-Soares explicit time marching method for modelling of ultrasonic wave in microalgae pre-treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 268, 012106.	0.2	2
18	Enhanced cellulase accessibility using acid-based deep eutectic solvent in pretreatment of empty fruit bunches. <i>Cellulose</i> , 2019, 26, 9517-9528.	2.4	43

#	ARTICLE	IF	CITATIONS
19	Continuous Butanol Fermentation of Dilute Acid-Pretreated De-oiled Rice Bran by <i>Clostridium acetobutylicum</i> YM1. <i>Scientific Reports</i> , 2019, 9, 4622.	1.6	36
20	Comparison of deep eutectic solvents (DES) on pretreatment of oil palm empty fruit bunch (OPEFB): Cellulose digestibility, structural and morphology changes. <i>Bioresource Technology</i> , 2019, 282, 525-529.	4.8	73
21	Interval type-2 fuzzy logic with Karmen-Mendel algorithm for sequential ionic liquid dissolution-solid acid saccharification. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1073-1081.	1.6	5
22	Modified Meta-Heuristic Bee Colony Optimisation in the Polymerization of Propylene. , 2018, , .		0
23	Assessment of Cellulosic Biomass Saccharification by Molten Brønsted Acidic 1-Ethyl-3-Methylimidazolium Hydrogen Sulphate ([EMIM][HSO ₄]) via Kinetic Studies. <i>BioResources</i> , 2015, 11, .	0.5	1
24	Ionic liquid-mediated solid acid saccharification of sago waste: Kinetic, ionic liquid recovery and solid acid catalyst reusability study. <i>Industrial Crops and Products</i> , 2015, 77, 415-423.	2.5	16
25	Process optimization and performance evaluation on sequential ionic liquid dissolution-solid acid saccharification of sago waste. <i>Bioresource Technology</i> , 2013, 130, 1-7.	4.8	19
26	Comparison Study of Different Ionic Liquid Pretreatments in Maximizing Total Reducing Sugars Recovery. <i>BioResources</i> , 2013, 9, .	0.5	10