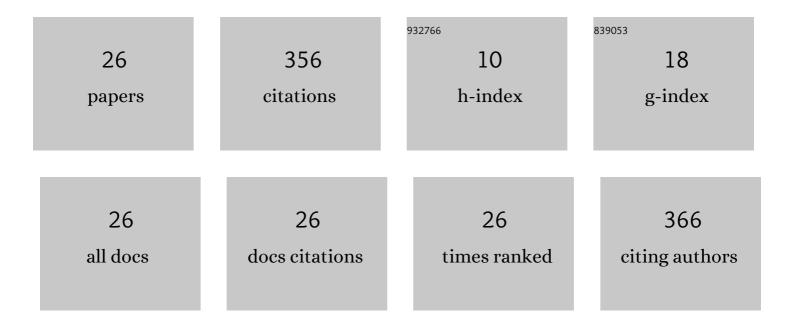
Kiat Moon Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7720408/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Comparison of deep eutectic solvents (DES) on pretreatment of oil palm empty fruit bunch (OPEFB): Cellulose digestibility, structural and morphology changes. Bioresource Technology, 2019, 282, 525-529.	4.8	73
2	Enhanced cellulase accessibility using acid-based deep eutectic solvent in pretreatment of empty fruit bunches. Cellulose, 2019, 26, 9517-9528.	2.4	43
3	Continuous Butanol Fermentation of Dilute Acid-Pretreated De-oiled Rice Bran by Clostridium acetobutylicum YM1. Scientific Reports, 2019, 9, 4622.	1.6	36
4	Combination of ultrasonication and deep eutectic solvent in pretreatment of lignocellulosic biomass for enhanced enzymatic saccharification. Cellulose, 2021, 28, 1513-1526.	2.4	36
5	Synergistic ultrasound-assisted organosolv pretreatment of oil palm empty fruit bunches for enhanced enzymatic saccharification: An optimization study using artificial neural networks. Biomass and Bioenergy, 2020, 139, 105621.	2.9	27
6	Process optimization and performance evaluation on sequential ionic liquid dissolution–solid acid saccharification of sago waste. Bioresource Technology, 2013, 130, 1-7.	4.8	19
7	Effects of Organic Solvents on the Organosolv Pretreatment of Degraded Empty Fruit Bunch for Fractionation and Lignin Removal. Sustainability, 2021, 13, 6757.	1.6	19
8	Two-staged acid hydrolysis on ethylene glycol pretreated degraded oil palm empty fruit bunch for sugar based substrate recovery. Bioresource Technology, 2019, 292, 121967.	4.8	18
9	Evaluation of deep eutectic solvent pretreatment towards efficacy of enzymatic saccharification using multivariate analysis techniques. Journal of Cleaner Production, 2022, 360, 132239.	4.6	18
10	lonic liquid-mediated solid acid saccharification of sago waste: Kinetic, ionic liquid recovery and solid acid catalyst reusability study. Industrial Crops and Products, 2015, 77, 415-423.	2.5	16
11	Comparison Study of Different Ionic Liquid Pretreatments in Maximizing Total Reducing Sugars Recovery. BioResources, 2013, 9, .	0.5	10
12	Multivariable power least squares method: Complementary tool for Response Surface Methodology. Ain Shams Engineering Journal, 2020, 11, 161-169.	3.5	9
13	Acidizing of conventional and tight sandstone formation using chelating agents: mineralogical prospect. Journal of Petroleum Exploration and Production, 2020, 10, 3587-3599.	1.2	7
14	Numerical simulation on ultrasonic cavitation due to superposition of acoustic waves. Materials Science for Energy Technologies, 2020, 3, 593-600.	1.0	6
15	Interval typeâ€2 fuzzy logic with Karmenâ€Mendel algorithm for sequential ionic liquid dissolution–solid acid saccharification. Journal of Chemical Technology and Biotechnology, 2019, 94, 1073-1081.	1.6	5
16	Delignification of oil palm empty fruit bunch via ultrasound-assisted deep eutectic solvent pretreatment. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012007.	0.2	5
17	On stability of time marching in numerical solutions of rayleigh-plesset equation for ultrasonic cavitation. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012117.	0.2	4
18	Delfim-Soares explicit time marching method for modelling of ultrasonic wave in microalgae pre-treatment. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012106.	0.2	2

KIAT MOON LEE

#	Article	IF	CITATIONS
19	Assessment of Cellulosic Biomass Saccharification by Molten Brönsted Acidic 1-Ethyl-3-Methylimidazolium Hydrogen Sulphate ([EMIM][HSO4]) via Kinetic Studies. BioResources, 2015, 11, .	0.5	1
20	Dataset of alkaline ethylene glycol pretreatment and two-staged acid hydrolysis using oil palm empty fruit bunch. Data in Brief, 2020, 30, 105431.	0.5	1
21	Interaction of Wave-Induced Motion and Bioelectricity Generation for Floating Microalgal Biophotovoltaic System. Lecture Notes in Civil Engineering, 2021, , 266-273.	0.3	1
22	Modified Meta-Heuristic Bee Colony Optimisation in the Polymerization of Propylene. , 2018, , .		0
23	Forecasting greenhouse gas emissions from coal-based resource in power plant using a nonsupervisory artificial neural network. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012184.	0.2	0
24	Dynamic behaviours of damaged stability for floating energy storage unit after accidental collision. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012110.	0.2	0
25	Self-made electromagnetic vibration energy harvester of different stroke length and number of coil turns. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012109.	0.2	0
26	Effects of TiO2 Support and Cobalt Addition of Ni/TiO2 Catalyst in Selective Hydrogenation of Furfural to Furfuryl Alcohol. Journal of Renewable Materials, 2022, 10, 2055-2072.	1.1	0