Yong Yang Gan

List of Publications by Year
in descending order

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13 papers	1,478 citations	687363 13 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	1530 citing authors

#	Article	IF	Citations
1	Catalytic thermochemical conversion of biomass for biofuel production: A comprehensive review. Renewable and Sustainable Energy Reviews, 2019, 113, 109266.	16.4	289
2	State of art review on conventional and advanced pyrolysis of macroalgae and microalgae for biochar, bio-oil and bio-syngas production. Energy Conversion and Management, 2020, 210, 112707.	9.2	272
3	A state-of-the-art review on thermochemical conversion of biomass for biofuel production: A TG-FTIR approach. Energy Conversion and Management, 2020, 209, 112634.	9.2	238
4	Torrefaction of microalgal biochar as potential coal fuel and application as bio-adsorbent. Energy Conversion and Management, 2018, 165, 152-162.	9.2	125
5	Recent advances in biodiesel production from agricultural products and microalgae using ionic liquids: Opportunities and challenges. Energy Conversion and Management, 2021, 228, 113647.	9.2	114
6	Renewable aviation fuel by advanced hydroprocessing of biomass: Challenges and perspective. Energy Conversion and Management, 2019, 199, 112015.	9.2	98
7	Thermal conductivity optimization and entropy generation analysis of titanium dioxide nanofluid in evacuated tube solar collector. Applied Thermal Engineering, 2018, 145, 155-164.	6.0	66
8	Utilization of microalgae for bio-jet fuel production in the aviation sector: Challenges and perspective. Renewable and Sustainable Energy Reviews, 2021, 149, 111396.	16.4	58
9	Microwave-assisted wet torrefaction of microalgae under various acids for coproduction of biochar and sugar. Journal of Cleaner Production, 2020, 253, 119944.	9.3	54
10	Co-pyrolysis of microalgae and other biomass wastes for the production of high-quality bio-oil: Progress and prospective. Bioresource Technology, 2022, 344, 126096.	9.6	53
11	Torrefaction of de-oiled Jatropha seed kernel biomass for solid fuel production. Energy, 2019, 170, 367-374.	8.8	46
12	Effects of dry and wet torrefaction pretreatment on microalgae pyrolysis analyzed by TG-FTIR and double-shot Py-GC/MS. Energy, 2020, 210, 118579.	8.8	34
13	Effect of wet torrefaction on pyrolysis kinetics and conversion of microalgae carbohydrates, proteins, and lipids. Energy Conversion and Management, 2021, 227, 113609.	9.2	31