# Yong Yang Gan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1551012/publications.pdf

Version: 2024-02-01

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Catalytic thermochemical conversion of biomass for biofuel production: A comprehensive review. Renewable and Sustainable Energy Reviews, 2019, 113, 109266. | 16.4 | 289 |
| 10 | Renewable aviation fuel by advanced hydroprocessing of biomass: Challenges and perspective. Energy Conversion and Management, 2019, 199, 112015. | 9.2 | 98 |
| 11 | Torrefaction of de-oiled Jatropha seed kernel biomass for solid fuel production. Energy, 2019, 170, 367-374. | 8.8 | 46 |
| 12 | Torrefaction of microalgal biochar as potential coal fuel and application as bio-adsorbent. Energy Conversion and Management, 2018, 165, 152-162. | 9.2 | 125 |
| 13 | 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 |