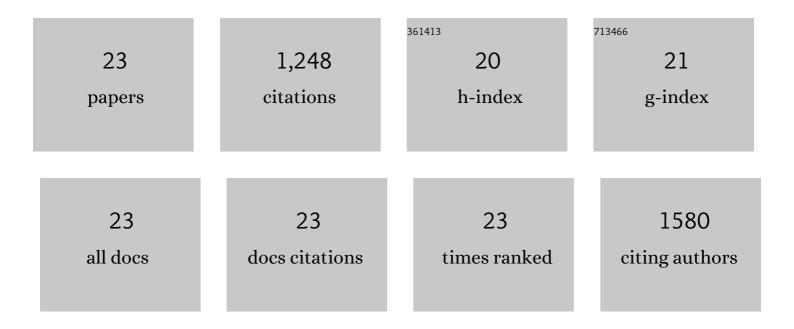
Tapaswy Muppaneni

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Recycle of nitrogen and phosphorus in hydrothermal liquefaction biochar from Galdieria sulphuraria to cultivate microalgae. Resources, Conservation and Recycling, 2021, 171, 105644. | 10.8 | 19 |
| 2 | Hydrothermal liquefaction of green microalga Kirchneriella sp. under sub- and super-critical water conditions. Biomass and Bioenergy, 2019, 120, 224-228. | 5.7 | 41 |
| 3 | Non-Conventional Feedstock and Technologies for Biodiesel Production. Advances in Chemical and Materials Engineering Book Series, 2018, , 96-118. | 0.3 | 0 |
| 4 | Biodiesel fuel production from algal lipids using supercritical methyl acetate (glycerin-free) technology. Fuel, 2017, 195, 201-207. | 6.4 | 66 |
| 5 | 1-Butyl-3-methylimidazolium hydrogen sulfate catalyzed in-situ transesterification of Nannochloropsis to fatty acid methyl esters. Energy Conversion and Management, 2017, 132, 213-220. | 9.2 | 35 |
| 6 | Co-liquefaction of mixed culture microalgal strains under sub-critical water conditions. Bioresource Technology, 2017, 236, 129-137. | 9.6 | 54 |
| 7 | Hydrothermal liquefaction of Cyanidioschyzon merolae and the influence of catalysts on products. Bioresource Technology, 2017, 223, 91-97. | 9.6 | 89 |
| 8 | Temperature effect on hydrothermal liquefaction of Nannochloropsis gaditana and Chlorella sp Applied Energy, 2016, 165, 943-951. | 10.1 | 125 |
| 9 | Single-step conversion of wet Nannochloropsis gaditana to biodiesel under subcritical methanol conditions. Fuel, 2015, 147, 253-259. | 6.4 | 36 |
| 10 | Transesterification of camelina sativa oil with supercritical alcohol mixtures. Energy Conversion and Management, 2015, 101, 402-409. | 9.2 | 21 |
| 11 | Optimizing energy yields from nutrient recycling using sequential hydrothermal liquefaction with Galdieria sulphuraria. Algal Research, 2015, 12, 74-79. | 4.6 | 41 |
| 12 | Direct conversion of wet algae to crude biodiesel under supercritical ethanol conditions. Fuel, 2014, 115, 720-726. | 6.4 | 151 |
| 13 | A comparative study of direct transesterification of camelina oil under supercritical methanol, ethanol and 1-butanol conditions. Fuel, 2014, 135, 530-536. | 6.4 | 24 |
| 14 | Optimization of high-energy density biodiesel production from camelina sativa oil under supercritical 1-butanol conditions. Fuel, 2014, 135, 522-529. | 6.4 | 30 |
| 15 | Life cycle assessment of biodiesel production from algal bio-crude oils extracted under subcritical water conditions. Bioresource Technology, 2014, 170, 454-461. | 9.6 | 70 |
| 16 | Subcritical water extraction of lipids from wet algae for biodiesel production. Fuel, 2014, 133, 73-81. | 6.4 | 89 |
| 17 | Optimization of biodiesel production from palm oil under supercritical ethanol conditions using hexane as co-solvent: A response surface methodology approach. Fuel, 2013, 107, 633-640. | 6.4 | 68 |
| 18 | Optimization of microwave-enhanced methanolysis of algal biomass to biodiesel under temperature controlled conditions. Bioresource Technology, 2013, 137, 278-285. | 9.6 | 42 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | In situ ethyl ester production from wet algal biomass under microwave-mediated supercritical ethanol conditions. Bioresource Technology, 2013, 139, 308-315. | 9.6 | 79 |
| 20 | ASI: Hydrothermal extraction and characterization of bioâ€crude oils from wet <i>chlorella sorokiniana</i> and <i>dunaliella tertiolecta</i> . Environmental Progress and Sustainable Energy, 2013, 32, 910-915. | 2.3 | 34 |
| 21 | Power dissipation in microwave-enhanced in situ transesterification of algal biomass to biodiesel. Green Chemistry, 2012, 14, 809. | 9.0 | 64 |
| 22 | Ethanolysis of camelina oil under supercritical condition with hexane as a co-solvent. Applied Energy, 2012, 94, 84-88. | 10.1 | 68 |
| 23 | Sub and Supercritical Fluid Technologies for the Production of Renewable (Bio) Transportation Fuels. , 0, , . | | 2 |