

A review on operating parameters for optimum liquid o

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Co-pyrolysis of palm shell and polystyrene waste mixtures to synthesis liquid fuel. <i>Fuel</i> , 2013, 108, 311-318.	3.4	130
2	Low temperature sugar cane bagasse pyrolysis for the production of high purity hydrogen through steam reforming and CO ₂ capture. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 12580-12588.	3.8	8
3	Utilization of oil palm tree residues to produce bio-oil and bio-char via pyrolysis. <i>Energy Conversion and Management</i> , 2013, 76, 1073-1082.	4.4	178
4	Production and detailed characterization of bio-oil from fast pyrolysis of palm kernel shell. <i>Biomass and Bioenergy</i> , 2013, 59, 316-324.	2.9	120
5	Bio-oil production through pyrolysis of blue-green algae blooms (BGAB): Product distribution and bio-oil characterization. <i>Energy</i> , 2013, 52, 119-125.	4.5	159
6	Novel, Integrated Biorefinery Approach of Ceiba pentandra (Kapok) Seed and Its Secondary Waste. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 473-480.	3.2	6
7	Conversion of Cornstalk to Bio-oil in Hot-Compressed Water: Effects of Ultrasonic Pretreatment on the Yield and Chemical Composition of Bio-oil, Carbon Balance, and Energy Recovery. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7574-7582.	2.4	12
8	A Review on Biomass Fast Pyrolysis Oil Properties and Applications. <i>Advanced Materials Research</i> , 0, 779-780, 1431-1436.	0.3	2
9	Carbonization of biomass "an efficient tool to decrease the emission of CO ₂ . <i>Archives of Thermodynamics</i> , 2013, 34, 185-195.	1.0	3
10	Studies on Pyrolysis of Rice Husk Using Taguchi's L9 Orthogonal Array. <i>Applied Mechanics and Materials</i> , 0, 625, 630-634.	0.2	0
11	Pyrolysis of Empty Fruit Bunch by Thermogravimetric Analysis. <i>Energy Procedia</i> , 2014, 61, 2532-2536.	1.8	16
12	Pyrolysis of Palm Pressed Fibre (PPF) towards Maximizing Bio-Oil Yield in a Fixed-Bed Reactor. <i>Applied Mechanics and Materials</i> , 0, 695, 239-242.	0.2	0
13	Valorization of raspberry seed cake by flash and slow pyrolysis: Product yield and characterization of the liquid and solid fraction. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 107, 289-297.	2.6	29
14	Thermogravimetric analysis and kinetic modelling studies of selected agro-residues and biodiesel industry wastes for pyrolytic conversion to bio-oil. <i>Biomass Conversion and Biorefinery</i> , 2014, 4, 259-268.	2.9	17
15	Economic evaluation of decentralized pyrolysis for the production of bio-oil as an energy carrier for improved logistics towards a large centralized gasification plant. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 35, 57-72.	8.2	58
16	An overview of empty fruit bunch from oil palm as feedstock for bio-oil production. <i>Biomass and Bioenergy</i> , 2014, 62, 174-181.	2.9	204
17	Integration of membrane technology in microalgae biorefineries. <i>Journal of Membrane Science</i> , 2014, 464, 86-99.	4.1	89
18	A review on co-pyrolysis of biomass: An optional technique to obtain a high-grade pyrolysis oil. <i>Energy Conversion and Management</i> , 2014, 87, 71-85.	4.4	626

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20	Application of bio-oils from lignocellulosic biomass to transportation, heat and power generation—A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 1108-1125.	8.2	119
21	Influence of reaction conditions on bio-oil production from pyrolysis of construction waste wood. <i>Renewable Energy</i> , 2014, 65, 41-48.	4.3	47
22	Fast pyrolysis of biomass: A review of relevant aspects. Part I: Parametric study. <i>DYNA (Colombia)</i> , 2015, 82, 239-248.	0.2	51
23	Sugarcane Bagasse Pyrolysis in a Carbon Dioxide Atmosphere with Conventional and Microwave-Assisted Heating. <i>Frontiers in Energy Research</i> , 2015, 3, .	1.2	54
24	Pyrolysis of Algal Biomass Obtained from High-Rate Algae Ponds Applied to Wastewater Treatment. <i>Frontiers in Energy Research</i> , 2015, 3, .	1.2	13
25	Solar pyrolysis of beech wood: Effects of pyrolysis parameters on the product distribution and gas product composition. <i>Energy</i> , 2015, 93, 1648-1657.	4.5	68
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27	Production of bio-based phenolic resin and activated carbon from bio-oil and biochar derived from fast pyrolysis of palm kernel shells. <i>Bioresource Technology</i> , 2015, 178, 99-107.	4.8	153
28	Feedstock Suitability for Thermochemical Processes. , 2015, , 31-74.		14
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33	Slow pyrolysis of paulownia wood: Effects of pyrolysis parameters on product yields and bio-oil characterization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 114, 68-78.	2.6	117
34	Integrated biorefineries: CO ₂ utilization for maximum biomass conversion. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 151-161.	8.2	49
35	Parametric study and process optimization for solar pyrolysis of beech wood. <i>Energy Conversion and Management</i> , 2015, 106, 987-998.	4.4	57
36	Thermochemical conversion of microalgal biomass into biofuels: A review. <i>Bioresource Technology</i> , 2015, 184, 314-327.	4.8	451

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38	Slow pyrolysis of relevant biomasses in the Mediterranean basin. Part 1. Effect of temperature on process performance on a pilot scale. <i>Journal of Cleaner Production</i> , 2016, 120, 181-190.	4.6	75
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46	A critical analysis on palm kernel shell from oil palm industry as a feedstock for solid char production. <i>Reviews in Chemical Engineering</i> , 2016, 32, 489-505.	2.3	55
47	Pyrolysis of babool seeds (<i>Acacia nilotica</i>) in a fixed bed reactor and bio-oil characterization. <i>Renewable Energy</i> , 2016, 96, 167-171.	4.3	103
48	Catalytic pyrolysis of sugarcane bagasse and pinewood in a pilot scale unit. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 122, 395-404.	2.6	53
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53	Bio-oil from residues of short rotation coppice of poplar using a microwave assisted pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 119, 224-232.	2.6	37
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56	Product distribution from solar pyrolysis of agricultural and forestry biomass residues. <i>Renewable Energy</i> , 2016, 89, 27-35.	4.3	66
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109	Application of Py-GC/MS coupled with PARAFAC2 and PLS-DA to study fast pyrolysis of genetically engineered poplars. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 129, 101-111.	2.6	13

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