

Kubilay Tekin

List of Publications by Citations

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39
papers

1,263
citations

17
h-index

35
g-index

43
ext. papers

1,486
ext. citations

5.9
avg, IF

5.19
L-index

#	Paper	IF	Citations
39	A review of hydrothermal biomass processing. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 40, 673-687	11	378
38	Hydrothermal liquefaction of cornelian cherry stones for bio-oil production. <i>Bioresource Technology</i> , 2012 , 110, 682-7	11	97
37	Preparation and characterization of composite cryogels containing imidazole group and use in heavy metal removal. <i>Reactive and Functional Polymers</i> , 2011 , 71, 985-993	4.6	87
36	Ultrasound bath-assisted extraction of essential oils from clove using central composite design. <i>Industrial Crops and Products</i> , 2015 , 77, 954-960	5.9	65
35	Non-catalytic and catalytic hydrothermal liquefaction of biomass. <i>Research on Chemical Intermediates</i> , 2013 , 39, 485-498	2.8	64
34	Hydrothermal liquefaction of beech wood using a natural calcium borate mineral. <i>Journal of Supercritical Fluids</i> , 2012 , 72, 134-139	4.2	62
33	Sustainable energy and fuels from biomass: a review focusing on hydrothermal biomass processing. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 4390-4414	5.8	47
32	Ethanol: A Promising Green Solvent for the Deconstruction of Lignocellulose. <i>ChemSusChem</i> , 2018 , 11, 3559-3575	8.3	45
31	Pyrolysis of agricultural residues for bio-oil production. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 211-223	4.3	40
30	Supercritical fluid extraction of biofuels from biomass. <i>Environmental Chemistry Letters</i> , 2017 , 15, 29-41	13.3	34
29	The effects of water tolerant Lewis acids on the hydrothermal liquefaction of lignocellulosic biomass. <i>Journal of the Energy Institute</i> , 2016 , 89, 627-635	5.7	30
28	Hydrothermal Conversion of Russian Olive Seeds into Crude Bio-oil Using a CaO Catalyst Derived from Waste Mussel Shells. <i>Energy & Fuels</i> , 2015 , 29, 4382-4392	4.1	28
27	Hydrothermal Liquefaction of Lignocellulosic Biomass Using Potassium Fluoride-Doped Alumina. <i>Energy & Fuels</i> , 2019 , 33, 3248-3256	4.1	27
26	Effect of sodium perborate monohydrate concentrations on product distributions from the hydrothermal liquefaction of Scotch pine wood. <i>Fuel Processing Technology</i> , 2013 , 110, 17-23	7.2	22
25	t-BuOK catalyzed bio-oil production from woody biomass under sub-critical water conditions. <i>Environmental Chemistry Letters</i> , 2013 , 11, 25-31	13.3	22
24	Sage oil extraction and optimization by response surface methodology. <i>Industrial Crops and Products</i> , 2015 , 76, 829-835	5.9	20
23	Hydrothermal carbonization of lignocellulosic biomass and effects of combined Lewis and Brønsted acid catalysts. <i>Fuel</i> , 2020 , 279, 118458	7.1	17

22	Influence of Co-Pyrolysis of Waste Tetra Pak with Waste Motor Oil on Product Distribution and Properties for Fuel Application. <i>Energy & Fuels</i> , 2019 , 33, 11101-11112	4.1	16
21	Hydrothermal conversion of woody biomass with disodium octaborate tetrahydrate and boric acid. <i>Industrial Crops and Products</i> , 2013 , 49, 334-340	5.9	16
20	One-pot transformation of lignocellulosic biomass into crude bio-oil with metal chlorides via hydrothermal and supercritical ethanol processing. <i>Bioresource Technology</i> , 2019 , 288, 121500	11	15
19	Hydrothermal wood processing using borax decahydrate and sodium borohydride. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013 , 104, 68-72	6	14
18	Catalytic degradation of waste polypropylene by pyrolysis. <i>Journal of the Energy Institute</i> , 2012 , 85, 150-155	5.5	12
17	Experimental design for extraction of bio-oils from flax seeds under supercritical ethanol conditions. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 461-471	4.3	11
16	Cellulose-derived carbon spheres produced under supercritical ethanol conditions. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 331-338	4.3	11
15	Deconstruction of lignocellulosic biomass with hydrated cerium (III) chloride in water and ethanol. <i>Applied Catalysis A: General</i> , 2017 , 546, 67-78	5.1	11
14	One-step transformation of biomass to fuel precursors using a bi-functional combination of Pd/C and water tolerant Lewis acid. <i>Fuel</i> , 2020 , 277, 118200	7.1	10
13	Microporous activated carbons from lignocellulosic biomass by KOH activation. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020 , 28, 1030-1037	1.8	10
12	Activated carbons from co-carbonization of waste truck tires and spent tea leaves. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 21, 100410	3.9	10
11	Hydrothermal and supercritical ethanol processing of woody biomass with a high-silica zeolite catalyst. <i>Biomass Conversion and Biorefinery</i> , 2019 , 9, 669-680	2.3	8
10	Preconcentration of Bismuth(III) by Ultrasound Assisted Emulsification Solidified Floating Organic Drop Microextraction and Analysis by Atomic Absorption Spectrometry. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 356-361	1.6	6
9	Co-hydrothermal Liquefaction of Lignocellulosic Biomass with Kukersite Oil Shale. <i>Energy & Fuels</i> , 2019 , 33, 7424-7435	4.1	5
8	Alkali-catalyzed hydrothermal treatment of sawdust for production of a potential feedstock for catalytic gasification. <i>Applied Energy</i> , 2018 , 231, 594-599	10.7	5
7	Use of a Lewis acid, a Brønsted acid, and their binary mixtures for the hydrothermal liquefaction of lignocellulose. <i>Fuel</i> , 2021 , 304, 121398	7.1	5
6	Production of crude bio-oil and biochar from hydrothermal conversion of jujube stones with metal carbonates. <i>Biofuels</i> , 2018 , 9, 613-623	2	3
5	Adsorption of Pb(II) and Cd(II) Ions Onto Dye-Attached Sawdust. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 339-344	4.6	3

4	Hydrothermal liquefaction of olive oil residues. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 22, 100476	3.9	3
3	Use of a Lewis acid, a Brønsted acid, and their binary mixtures for the liquefaction of lignocellulose by supercritical ethanol processing. <i>Sustainable Energy and Fuels</i> , 2021 , 5, 5445-5453	5.8	1
2	Effects of hydrothermal carbonization on products from fast pyrolysis of cellulose. <i>Journal of the Energy Institute</i> , 2021 , 99, 299-306	5.7	1
1	Mesoporous Adsorbents from Biomass: Opportunities and Challenges in Hydrothermal Treatment 2017 , 225-254		0