

Suat Ucar

List of Publications by Year in descending order

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36
papers

3,306
citations

201674

27
h-index

345221

36
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docs citations

36
times ranked

3927
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated carbons from waste biomass by sulfuric acid activation and their use on methylene blue adsorption. <i>Bioresource Technology</i> , 2008, 99, 6214-6222.	9.6	417
2	Preparation and characterization of activated carbon from waste biomass. <i>Journal of Hazardous Materials</i> , 2009, 165, 481-485.	12.4	320
3	Co-pyrolysis of pine cone with synthetic polymers. <i>Fuel</i> , 2010, 89, 1911-1918.	6.4	283
4	Effects of feedstock type and pyrolysis temperature on potential applications of biochar. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 200-206.	5.5	273
5	The slow and fast pyrolysis of cherry seed. <i>Bioresource Technology</i> , 2011, 102, 1869-1878.	9.6	244
6	Evaluation of two different scrap tires as hydrocarbon source by pyrolysis. <i>Fuel</i> , 2005, 84, 1884-1892.	6.4	204
7	Preparation and characterization of activated carbon produced from pomegranate seeds by ZnCl ₂ activation. <i>Applied Surface Science</i> , 2009, 255, 8890-8896.	6.1	200
8	The slow pyrolysis of pomegranate seeds: The effect of temperature on the product yields and bio-oil properties. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 84, 151-156.	5.5	135
9	Characterization of products from the pyrolysis of rapeseed oil cake. <i>Bioresource Technology</i> , 2008, 99, 8771-8776.	9.6	134
10	Comparative pyrolysis of polyolefins (PP and LDPE) and PET. <i>Polymer Bulletin</i> , 2010, 64, 817-834.	3.3	104
11	Co-pyrolysis of pine nut shells with scrap tires. <i>Fuel</i> , 2014, 137, 85-93.	6.4	102
12	Comparison between the "one-step" and "two-step" catalytic pyrolysis of pine bark. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 97, 39-48.	5.5	74
13	Copyrolysis of scrap tires with waste lubricant oil. <i>Fuel Processing Technology</i> , 2005, 87, 53-58.	7.2	66
14	Utilization of red mud as catalyst in conversion of waste oil and waste plastics to fuel. <i>Journal of Material Cycles and Waste Management</i> , 2004, 6, 20-26.	3.0	63
15	Removal of lead (II) and nickel (II) ions from aqueous solution using activated carbon prepared from rapeseed oil cake by Na ₂ CO ₃ activation. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 747-756.	4.1	63
16	Production of fungicidal oil and activated carbon from pistachio shell. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 91, 140-146.	5.5	56
17	Liquefaction of municipal waste plastics in VGO over acidic and non-acidic catalysts. <i>Fuel</i> , 2003, 82, 415-423.	6.4	52
18	Co-pyrolysis of waste polyolefins with waste motor oil. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 119, 233-241.	5.5	48

#	ARTICLE	IF	CITATIONS
19	Conversion of poultry wastes into energy feedstocks. <i>Waste Management</i> , 2016, 56, 530-539.	7.4	47
20	Conversion of polymers to fuels in a refinery stream. <i>Polymer Degradation and Stability</i> , 2002, 75, 161-171.	5.8	46
21	Influence of oily wastes on the pyrolysis of scrap tire. <i>Energy Conversion and Management</i> , 2013, 75, 474-481.	9.2	46
22	Hydrothermal carbonization of lignocellulosic biomass and effects of combined Lewis and Brønsted acid catalysts. <i>Fuel</i> , 2020, 279, 118458.	6.4	45
23	Production and characterization of pyrolytic oils by pyrolysis of waste machinery oil. <i>Journal of Hazardous Materials</i> , 2010, 173, 420-426.	12.4	44
24	Catalytic Coprocessing of Low-Density Polyethylene with VGO Using Metal Supported on Activated Carbon. <i>Energy & Fuels</i> , 2002, 16, 1301-1308.	5.1	35
25	Catalytic and thermal degradation of high-density polyethylene in vacuum gas oil over non-acidic and acidic catalysts. <i>Applied Catalysis A: General</i> , 2003, 242, 51-62.	4.3	31
26	Conversion of plastics/HVGO mixtures to fuels by two-step processing. <i>Fuel Processing Technology</i> , 2001, 73, 23-35.	7.2	29
27	Two-step pyrolysis of safflower oil cake. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 103, 352-361.	5.5	29
28	Removal of Lead (II) Ions from Aqueous Solutions onto Activated Carbon Derived from Waste Biomass. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	2.1	24
29	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.	5.1	22
30	Comparative evaluation of dry and wet carbonization of agro industrial wastes for the production of soil improver. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3366-3375.	6.7	20
31	Upgrading Scrap Tire Derived Oils Using Activated Carbon Supported Metal Catalysts. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 29, 425-437.	2.3	14
32	The influence of the waste ethylene vinyl acetate copolymer on the thermal degradation of the waste polypropylene. <i>Fuel Processing Technology</i> , 2008, 89, 1201-1206.	7.2	12
33	Effects of Metal Chlorides on the Hydrothermal Carbonization of Grape Seeds. <i>Energy & Fuels</i> , 2021, 35, 8834-8843.	5.1	10
34	Lewis acid catalyzed diesel-like fuel production from raw corn oil. <i>International Journal of Energy Research</i> , 2009, 33, 327-332.	4.5	6
35	Hydrothermal liquefaction of olive oil residues. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100476.	3.3	6
36	Co-processing of olive bagasse with crude rapeseed oil via pyrolysis. <i>Waste Management and Research</i> , 2017, 35, 480-490.	3.9	2