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List of Publications by Year
in descending order

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28 papers	1,706 citations	430754 18 h-index	526166 27 g-index
28 all docs	28 docs citations	28 times ranked	2375 citing authors

#	Article	IF	Citations
1	Effects of feedstock type and pyrolysis temperature on potential applications of biochar. Journal of Analytical and Applied Pyrolysis, 2016, 120, 200-206.	2.6	273
2	The slow and fast pyrolysis of cherry seed. Bioresource Technology, 2011, 102, 1869-1878.	4.8	244
3	Hydrogen production from algal biomass via steam gasification. Bioresource Technology, 2014, 166, 24-30.	4.8	166
4	Combustion behavior of different kinds of torrefied biomass and their blends with lignite. Bioresource Technology, 2015, 177, 328-336.	4.8	157
5	The effect of char properties on gasification reactivity. Fuel Processing Technology, 2014, 118, 75-81.	3.7	88
6	Production of Activated Carbon from Pine Cone and Evaluation of Its Physical, Chemical, and Adsorption Properties. Energy & Fuels, 2009, 23, 2197-2204.	2.5	80
7	Sustainable valorization of food wastes into solid fuel by hydrothermal carbonization. Bioresource Technology, 2019, 292, 121959.	4.8	77
8	Two-step steam pyrolysis of biomass for hydrogen production. International Journal of Hydrogen Energy, 2017, 42, 17000-17008.	3.8	70
9	Production of activated carbon and fungicidal oil from peach stone by two-stage process. Journal of Analytical and Applied Pyrolysis, 2014, 108, 47-55.	2.6	69
10	Influences of feedstock type and process variables on hydrochar properties. Bioresource Technology, 2018, 250, 337-344.	4.8	67
11	Sustainable hydrogen production options from food wastes. International Journal of Hydrogen Energy, 2018, 43, 10595-10604.	3.8	58
12	Production of fungicidal oil and activated carbon from pistachio shell. Journal of Analytical and Applied Pyrolysis, 2011, 91, 140-146.	2.6	56
13	Effect of fuel blend composition on hydrogen yield in co-gasification of coal and non-woody biomass. International Journal of Hydrogen Energy, 2020, 45, 3435-3443.	3.8	55
14	NO and SO2 emissions from combustion of raw and torrefied biomasses and their blends with lignite. Journal of Environmental Management, 2018, 227, 155-161.	3.8	46
15	Application of textile waste derived biochars onto cotton fabric for improved performance and functional properties. Journal of Cleaner Production, 2020, 251, 119664.	4.6	38
16	Steam gasification of safflower seed cake and catalytic tar decomposition over ceria modified iron oxide catalysts. Fuel Processing Technology, 2014, 126, 276-283.	3.7	33
17	Two-step pyrolysis of safflower oil cake. Journal of Analytical and Applied Pyrolysis, 2013, 103, 352-361.	2.6	29
18	Comparative evaluation of dry and wet carbonization of agro industrial wastes for the production of soil improver. Journal of Environmental Chemical Engineering, 2018, 6, 3366-3375.	3.3	20

#	Article	IF	Citations
19	Comparative Evaluation of Torrefaction and Hydrothermal Carbonization: Effect on Fuel Properties and Combustion Behavior of Agricultural Wastes. Energy & Fuels, 2020, 34, 11175-11185.	2.5	17
20	Two-step Gasification of Biochar for Hydrogen-Rich Gas Production: Effect of the Biochar Type and Catalyst. Energy & Fuels, 2019, 33, 7398-7405.	2.5	15
21	Preparation of novel porous carbon from hydrothermal pretreated textile wastes: Effects of textile type and activation agent on structural and adsorptive properties. Journal of Water Process Engineering, 2021, 43, 102286.	2.6	10
22	Assessing the Importance of Pyrolysis Process Conditions and Feedstock Type on the Combustion Performance of Agricultural-Residue-Derived Chars. Energy & Fuels, 2021, 35, 3174-3185.	2.5	9
23	Hydrothermal carbonization of fructoseâ€"effect of salts and reactor stirring on the growth and formation of carbon spheres. Biomass Conversion and Biorefinery, 2023, 13, 6281-6297.	2.9	9
24	Bioprocesses for resource recovery from waste gases: Current trends and industrial applications. Renewable and Sustainable Energy Reviews, 2022, 156, 111926.	8.2	9
25	Evaluation of Poultry Manure: Combination of Phosphorus Recovery and Activated Carbon Production. ACS Omega, 2022, 7, 20710-20718.	1.6	7
26	Impact of Carbonization on the Combustion and Gasification Reactivities of Olive Wastes. Green Energy and Technology, 2020, , 323-343.	0.4	2
27	The effect of various thermochemical pretreatment methods on the biomethanisation of hemp (Cannabis sativa) hurd and kinetic analysis. Biomass Conversion and Biorefinery, 2024, 14, 2721-2732.	2.9	2
28	Bioethanol production by syngas fermentation from pyrolysis gas using mixed culture: Heat-pretreatment effect. Pamukkale University Journal of Engineering Sciences, 2020, 26, 1299-1307.	0.2	0