Gozde Duman Tac

List of Publications by Year
in descending order

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	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
2	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
3	Bioprocesses for resource recovery from waste gases: Current trends and industrial applications. Renewable and Sustainable Energy Reviews, 2022, 156, 111926.	8.2	9
4	Evaluation of Poultry Manure: Combination of Phosphorus Recovery and Activated Carbon Production. ACS Omega, 2022, 7, 20710-20718.	1.6	7
5	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
6	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
7	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
8	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
9	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
10	Impact of Carbonization on the Combustion and Gasification Reactivities of Olive Wastes. Green Energy and Technology, 2020, , 323-343.	0.4	2
11	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
12	Sustainable valorization of food wastes into solid fuel by hydrothermal carbonization. Bioresource Technology, 2019, 292, 121959.	4.8	77
13	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
14	Sustainable hydrogen production options from food wastes. International Journal of Hydrogen Energy, 2018, 43, 10595-10604.	3.8	58
15	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
16	Influences of feedstock type and process variables on hydrochar properties. Bioresource Technology, 2018, 250, 337-344.	4.8	67
17	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
18	Two-step steam pyrolysis of biomass for hydrogen production. International Journal of Hydrogen Energy, 2017, 42, 17000-17008.	3.8	70

#	Article	IF	Citations
19	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
20	Combustion behavior of different kinds of torrefied biomass and their blends with lignite. Bioresource Technology, 2015, 177, 328-336.	4.8	157
21	Hydrogen production from algal biomass via steam gasification. Bioresource Technology, 2014, 166, 24-30.	4.8	166
22	The effect of char properties on gasification reactivity. Fuel Processing Technology, 2014, 118, 75-81.	3.7	88
23	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
24	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
25	Two-step pyrolysis of safflower oil cake. Journal of Analytical and Applied Pyrolysis, 2013, 103, 352-361.	2.6	29
26	The slow and fast pyrolysis of cherry seed. Bioresource Technology, 2011, 102, 1869-1878.	4.8	244
27	Production of fungicidal oil and activated carbon from pistachio shell. Journal of Analytical and Applied Pyrolysis, 2011, 91, 140-146.	2.6	56
28	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