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List of Publications by Year
in descending order

68 papers	2,497 citations	218592 26 h-index	206029 48 g-index
68 all docs	68 docs citations	68 times ranked	2512 citing authors

#	Article	IF	Citations
1	Combustion characteristics of different biomass materials. Energy Conversion and Management, 2003, 44, 155-162.	4.4	178
2	Calorific value estimation of biomass from their proximate analyses data. Renewable Energy, 2010, 35, 170-173.	4.3	178
3	Interaction between biomass and different rank coals during co-pyrolysis. Renewable Energy, 2010, 35, 288-292.	4.3	173
4	Effect of heating rate on the pyrolysis yields of rapeseed. Renewable Energy, 2006, 31, 803-810.	4.3	146
5	Synergy in devolatilization characteristics of lignite and hazelnut shell during co-pyrolysis. Fuel, 2007, 86, 373-380.	3.4	132
6	Comparison of the thermal reactivities of isolated lignin and holocellulose during pyrolysis. Fuel Processing Technology, 2010, 91, 759-764.	3.7	131
7	Production of fuel briquettes from olive refuse and paper mill waste. Fuel Processing Technology, 2000, 68, 23-31.	3.7	106
8	Kinetic modelling of RDF pyrolysis: Model-fitting and model-free approaches. Waste Management, 2016, 48, 275-284.	3.7	105
9	Effect of co-combustion on the burnout of lignite/biomass blends: A Turkish case study. Waste Management, 2008, 28, 2077-2084.	3.7	96
10	Gasification of biomass chars in steamâ€"nitrogen mixture. Energy Conversion and Management, 2006, 47, 1004-1013.	4.4	89
11	Fuel briquettes from biomassâ€"lignite blends. Fuel Processing Technology, 2001, 72, 1-8.	3.7	84
12	The role of particle size in the non-isothermal pyrolysis of hazelnut shell. Journal of Analytical and Applied Pyrolysis, 2006, 75, 211-216.	2.6	75
13	Co-combustion of low rank coal/waste biomass blends using dry air or oxygen. Applied Thermal Engineering, 2013, 50, 251-259.	3.0	61
14	Effect of mineral matter on the reactivity of lignite chars. Energy Conversion and Management, 2001, 42, 11-20.	4.4	53
15	Controlling the excess heat from oxy-combustion of coal by blending with biomass. Fuel Processing Technology, 2010, 91, 1569-1575.	3.7	53
16	Effect of biomass on temperatures of sintering and initial deformation of lignite ash. Fuel, 2010, 89, 3063-3068.	3.4	52
17	Production of biobriquettes from carbonized brown seaweed. Fuel Processing Technology, 2013, 106, 33-40.	3.7	50
18	A study to predict pyrolytic behaviors of refuse-derived fuel (RDF): Artificial neural network application. Journal of Analytical and Applied Pyrolysis, 2016, 122, 84-94.	2.6	50

#	Article	IF	Citations
19	Effect of lignite properties on reactivity of lignite. Energy Conversion and Management, 2001, 42, 613-626.	4.4	44
20	Limits of variations on the structure and the fuel characteristics of sunflower seed shell through torrefaction. Fuel Processing Technology, 2016, 144, 197-202.	3.7	38
21	Is torrefaction of polysaccharides-rich biomass equivalent to carbonization of lignin-rich biomass?. Bioresource Technology, 2016, 200, 201-207.	4.8	36
22	Activation energy prediction of biomass wastes based on different neural network topologies. Fuel, 2018, 220, 535-545.	3.4	36
23	Combinations of synergistic interactions and additive behavior during the co-oxidation of chars from lignite and biomass. Fuel Processing Technology, 2008, 89, 176-182.	3.7	35
24	Combustion reactivity of different rank coals. Energy Conversion and Management, 2002, 43, 459-465.	4.4	31
25	Interpretation of biomass gasification yields regarding temperature intervals under nitrogenâ€"steam atmosphere. Fuel Processing Technology, 2007, 88, 417-425.	3.7	30
26	Effect of biomass on burnouts of Turkish lignites during co-firing. Energy Conversion and Management, 2009, 50, 2422-2427.	4.4	29
27	Thermal reactivity of rapeseed (Brassica napus L.) under different gas atmospheres. Bioresource Technology, 2008, 99, 237-242.	4.8	27
28	Does carbonization avoid segregation of biomass and lignite during co-firing? Thermal analysis study. Fuel Processing Technology, 2015, 137, 312-319.	3.7	26
29	Thermogravimetric Investigation on the Thermal Reactivity of Biomass During Slow Pyrolysis. International Journal of Green Energy, 2009, 6, 333-342.	2.1	25
30	INVESTIGATION OF THE RELATION BETWEEN CHEMICAL COMPOSITION AND ASH FUSION TEMPERATURES FOR SOKE TURKISH LIGNITES. Petroleum Science and Technology, 1993, 11, 1231-1249.	0.2	23
31	Mobilization of some trace elements from ashes of Turkish lignites in rain water. Fuel, 2011, 90, 3447-3455.	3.4	22
32	Effect of demineralization on the reactivity of lignites. Thermochimica Acta, 2000, 362, 131-135.	1.2	21
33	Investigation of the Combustion Characteristics of Zonguldak Bituminous Coal Using DTA and DTG. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 135-147.	1.2	16
34	Combustion characteristics of sodium-free pyrolytic char from hazelnut shell. Fuel Processing Technology, 2012, 96, 169-174.	3.7	16
35	Does blending the ashes of chestnut shell and lignite create synergistic interaction on ash fusion temperatures?. Fuel Processing Technology, 2015, 140, 165-171.	3.7	16
36	Effect of mineral matter on the reactivity of lignite. Thermochimica Acta, 1999, 342, 79-84.	1.2	15

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37	Burning characteristics of chemically isolated biomass ingredients. Energy Conversion and Management, 2011, 52, 746-751.	4.4	14
38	Mineralogical characterization of chemically isolated ingredients from biomass. Energy Conversion and Management, 2014, 77, 221-226.	4.4	13
39	Properties of Biochars Obtained from RDF by Carbonization: Influences of Devolatilization Severity. Waste and Biomass Valorization, 2017, 8, 539-547.	1.8	13
40	Unburnt carbon and ashing behavior for slow burning of lignite under oxygen-enriched combustion conditions. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 1326-1335.	1.2	11
41	Effects of fragmentation and particle size on the fuel properties of hazelnut shells. Fuel, 2013, 112, 326-330.	3.4	10
42	Are medium range temperatures in Drop Tube Furnace really ineffective?. Fuel, 2013, 105, 338-344.	3.4	10
43	Effects of torrefaction on lignin-rich biomass (hazelnut shell): Structural variations. Journal of Renewable and Sustainable Energy, 2017, 9, .	0.8	10
44	Production of fuel briquettes from rice huskâ€"lignite blends. Environmental Progress and Sustainable Energy, 2017, 36, 742-748.	1.3	10
45	Effects of Dilute Phosphoric Acid Treatment on Structure and Burning Characteristics of Lignocellulosic Biomass. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	10
46	Synergistic Interactions During Cocombustion of Lignite, Biomass, and Their Chars. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	10
47	Combustion Characteristics of Blends of Lignite and Bituminous Coal with Different Binder Materials. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2000, 22, 325-332.	0.5	9
48	THERMAL ANALYSIS OF DIFFERENT FOSSIL FUELS. Petroleum Science and Technology, 1993, 11, 1611-1627.	0.2	7
49	Effect of mineral matter on the combustion curve of chars. Thermochimica Acta, 1996, 277, 65-73.	1.2	7
50	Effect of the Heating Rate on the Morphology of the Pyrolytic Char From Hazelnut Shell. International Journal of Green Energy, 2009, 6, 508-511.	2.1	7
51	Gold recovery from chloride solutions using fallen leaves. Environmental Chemistry Letters, 2011, 9, 47-53.	8.3	7
52	Combustion characteristics of torrefied biomass materials to generate power. , 2016, , .		7
53	Comparison of the fuel properties and the combustion behavior of PET bottle caps with lignite. Energy Procedia, 2017, 136, 22-26.	1.8	7
54	Synergistic Investigation for Co-Combustion of Biochars and Ligniteâ€"Thermogravimetric Analysis Approach. Journal of Thermal Science and Engineering Applications, 2019, 11, .	0.8	7

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55	Unburnt Carbon From Oxygen-Enriched Combustion of Low-Quality Fuels at Low Temperatures. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	6
56	Coâ€combustion of lignite with sewage sludge and refuseâ€derived fuel. Environmental Progress and Sustainable Energy, 2019, 38, e13307.	1.3	6
57	Slow-Pyrolysis and -Oxidation of Different Biomass Fuel Samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 1909-1920.	0.9	5
58	Comparison of the combustion behaviours of agricultural wastes under dry air and oxygen. , 2012, , .		4
59	Burnout characteristics during co-combustion of binary lignite blends. Journal of the Energy Institute, 2012, 85, 1-6.	2.7	2
60	Characterization of the Fuel Properties of Chimney Soots from Different Sources. Waste and Biomass Valorization, 2020, 11, 2017-2026.	1.8	2
61	Which One Does Better Predict the Heating Value of Biomass?â€"Dry Based or As-Received Based Proximate Analysis Results?. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	2
62	Effects of Pretreatment Outside of Torrefaction Range on Combustion Characteristics of Chars From Lignocellulosic Biomass. Journal of Thermal Science and Engineering Applications, 2019, 11, .	0.8	1
63	Burning Characteristics and the Fuel Properties of the Dry-Carbonization Chars of Sewage Sludge. Journal of Thermal Science and Engineering Applications, 2019, 11, .	0.8	1
64	Combustion kinetics of lignite preheated under oxygen-enriched conditions. Energy and Environment, 2020, 31, 813-824.	2.7	1
65	Analysis of Four Industrial Coal-Fired Fluidized Bed Systems. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1997, 19, 433-444.	0.5	0
66	Isolation of Macromolecular Polymeric Ingredients from Waste Biomass Materials and their Characterization. Materials Today: Proceedings, 2016, 3, 681-685.	0.9	0
67	Bioactivity of Glass and Glass-Seramic in the System SiO2â€"CaOâ€"Al2O3â€"P2O5â€"Na2Oâ€"MgOâ€"CaF2. Advanced Science Letters, 2013, 19, 3328-3332.	0.2	0
68	Experimental and Statistical Studies on the Preparation of Activated Carbons from Chestnut Shell. Advanced Science Letters, 2013, 19, 3361-3365.	0.2	0