

# Ayhan Demirbağ

## List of Publications by Year in descending order

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228  
papers

28,218  
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9786

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5539

163  
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docs citations

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times ranked

22777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress and recent trends in biodiesel fuels. <i>Energy Conversion and Management</i> , 2009, 50, 14-34.	9.2	1,548
2	Biomass resource facilities and biomass conversion processing for fuels and chemicals. <i>Energy Conversion and Management</i> , 2001, 42, 1357-1378.	9.2	1,391
3	Heavy metal adsorption onto agro-based waste materials: A review. <i>Journal of Hazardous Materials</i> , 2008, 157, 220-229.	12.4	1,218
4	Biofuels sources, biofuel policy, biofuel economy and global biofuel projections. <i>Energy Conversion and Management</i> , 2008, 49, 2106-2116.	9.2	920
5	Potential applications of renewable energy sources, biomass combustion problems in boiler power systems and combustion related environmental issues. <i>Progress in Energy and Combustion Science</i> , 2005, 31, 171-192.	31.2	915
6	Biodiesel fuels from vegetable oils via catalytic and non-catalytic supercritical alcohol transesterifications and other methods: a survey. <i>Energy Conversion and Management</i> , 2003, 44, 2093-2109.	9.2	892
7	Importance of biodiesel as transportation fuel. <i>Energy Policy</i> , 2007, 35, 4661-4670.	8.8	850
8	Effects of temperature and particle size on bio-char yield from pyrolysis of agricultural residues. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 72, 243-248.	5.5	839
9	Political, economic and environmental impacts of biofuels: A review. <i>Applied Energy</i> , 2009, 86, S108-S117.	10.1	836
10	Importance of algae oil as a source of biodiesel. <i>Energy Conversion and Management</i> , 2011, 52, 163-170.	9.2	793
11	Biodiesel production from vegetable oils via catalytic and non-catalytic supercritical methanol transesterification methods. <i>Progress in Energy and Combustion Science</i> , 2005, 31, 466-487.	31.2	726
12	Calculation of higher heating values of biomass fuels. <i>Fuel</i> , 1997, 76, 431-434.	6.4	664
13	Competitive liquid biofuels from biomass. <i>Applied Energy</i> , 2011, 88, 17-28.	10.1	647
14	Agricultural based activated carbons for the removal of dyes from aqueous solutions: A review. <i>Journal of Hazardous Materials</i> , 2009, 167, 1-9.	12.4	622
15	Use of algae as biofuel sources. <i>Energy Conversion and Management</i> , 2010, 51, 2738-2749.	9.2	585
16	An Overview of Biomass Pyrolysis. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 471-482.	0.5	562
17	Biodiesel from vegetable oils via transesterification in supercritical methanol. <i>Energy Conversion and Management</i> , 2002, 43, 2349-2356.	9.2	492
18	Biofuels securing the planet's future energy needs. <i>Energy Conversion and Management</i> , 2009, 50, 2239-2249.	9.2	424

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19	Comparison of transesterification methods for production of biodiesel from vegetable oils and fats. <i>Energy Conversion and Management</i> , 2008, 49, 125-130.	9.2	421
20	Pyrolysis of municipal plastic wastes for recovery of gasoline-range hydrocarbons. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 72, 97-102.	5.5	412
21	Biodiesel from waste cooking oil via base-catalytic and supercritical methanol transesterification. <i>Energy Conversion and Management</i> , 2009, 50, 923-927.	9.2	387
22	Relationships derived from physical properties of vegetable oil and biodiesel fuels. <i>Fuel</i> , 2008, 87, 1743-1748.	6.4	382
23	Biorefineries: Current activities and future developments. <i>Energy Conversion and Management</i> , 2009, 50, 2782-2801.	9.2	377
24	The influence of temperature on the yields of compounds existing in bio-oils obtained from biomass samples via pyrolysis. <i>Fuel Processing Technology</i> , 2007, 88, 591-597.	7.2	329
25	Waste management, waste resource facilities and waste conversion processes. <i>Energy Conversion and Management</i> , 2011, 52, 1280-1287.	9.2	328
26	Bioethanol from Cellulosic Materials: A Renewable Motor Fuel from Biomass. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 327-337.	0.5	324
27	Biodiesel production via non-catalytic SCF method and biodiesel fuel characteristics. <i>Energy Conversion and Management</i> , 2006, 47, 2271-2282.	9.2	312
28	Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. <i>Progress in Energy and Combustion Science</i> , 2017, 59, 32-78.	31.2	305
29	Adsorption of Cu(II), Zn(II), Ni(II), Pb(II), and Cd(II) from aqueous solution on Amberlite IR-120 synthetic resin. <i>Journal of Colloid and Interface Science</i> , 2005, 282, 20-25.	9.4	271
30	Fuel properties and calculation of higher heating values of vegetable oils. <i>Fuel</i> , 1998, 77, 1117-1120.	6.4	270
31	Sustainable cofiring of biomass with coal. <i>Energy Conversion and Management</i> , 2003, 44, 1465-1479.	9.2	266
32	A comprehensive review on the environmental impacts of diesel/biodiesel additives. <i>Energy Conversion and Management</i> , 2018, 174, 579-614.	9.2	257
33	Biodiesel from sunflower oil in supercritical methanol with calcium oxide. <i>Energy Conversion and Management</i> , 2007, 48, 937-941.	9.2	245
34	Gaseous products from biomass by pyrolysis and gasification: effects of catalyst on hydrogen yield. <i>Energy Conversion and Management</i> , 2002, 43, 897-909.	9.2	229
35	Biodiesel production from non-edible plant oils. <i>Energy Exploration and Exploitation</i> , 2016, 34, 290-318.	2.3	195
36	Relationships between Heating Value and Lignin, Moisture, Ash and Extractive Contents of Biomass Fuels. <i>Energy Exploration and Exploitation</i> , 2002, 20, 105-111.	2.3	179

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37	Adsorption of lead and cadmium ions in aqueous solutions onto modified lignin from alkali glycerol delignification. <i>Journal of Hazardous Materials</i> , 2004, 109, 221-226.	12.4	176
38	Biodiesel from oilgae, biofixation of carbon dioxide by microalgae: A solution to pollution problems. <i>Applied Energy</i> , 2011, 88, 3541-3547.	10.1	170
39	Global Renewable Energy Resources. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 779-792.	2.3	163
40	Energy balance, energy sources, energy policy, future developments and energy investments in Turkey. <i>Energy Conversion and Management</i> , 2001, 42, 1239-1258.	9.2	161
41	Production of biodiesel fuels from linseed oil using methanol and ethanol in non-catalytic SCF conditions. <i>Biomass and Bioenergy</i> , 2009, 33, 113-118.	5.7	160
42	Effect of initial moisture content on the yields of oily products from pyrolysis of biomass. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 71, 803-815.	5.5	154
43	Oily Products from Mosses and Algae via Pyrolysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 933-940.	2.3	144
44	Concentrations of 21 metals in 18 species of mushrooms growing in the East Black Sea region. <i>Food Chemistry</i> , 2001, 75, 453-457.	8.2	140
45	Methane hydrates as potential energy resource: Part 2 – Methane production processes from gas hydrates. <i>Energy Conversion and Management</i> , 2010, 51, 1562-1571.	9.2	135
46	Carbonization ranking of selected biomass for charcoal, liquid and gaseous products. <i>Energy Conversion and Management</i> , 2001, 42, 1229-1238.	9.2	131
47	Effect of temperature on pyrolysis products from four nut shells. <i>Journal of Analytical and Applied Pyrolysis</i> , 2006, 76, 285-289.	5.5	130
48	Relationships between lignin contents and fixed carbon contents of biomass samples. <i>Energy Conversion and Management</i> , 2003, 44, 1481-1486.	9.2	123
49	Removal of Heavy Metal Ions from Aqueous Solutions via Adsorption onto Modified Lignin from Pulping Wastes. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1167-1177.	0.5	122
50	Estimating of Structural Composition of Wood and Non-Wood Biomass Samples. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 761-767.	0.5	118
51	Biomass to methanol via pyrolysis process. <i>Energy Conversion and Management</i> , 2001, 42, 1349-1356.	9.2	117
52	Estimation of Calorific Values of Fuels from Lignocellulosics. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1997, 19, 765-770.	0.5	114
53	Importance of biomass energy sources for Turkey. <i>Energy Policy</i> , 2008, 36, 834-842.	8.8	112
54	Diesel Fuel from Vegetable Oil via Transesterification and Soap Pyrolysis. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 835-841.	0.5	109

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55	Production of diesel-like fuel from waste engine oil by pyrolytic distillation. <i>Applied Energy</i> , 2010, 87, 122-127.	10.1	101
56	Fuel Properties of Hydrogen, Liquefied Petroleum Gas (LPG), and Compressed Natural Gas (CNG) for Transportation. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 601-610.	0.5	100
57	?-Glucan and mineral nutrient contents of cereals grown in Turkey. <i>Food Chemistry</i> , 2005, 90, 773-777.	8.2	97
58	Determination of calorific values of bio-chars and pyro-oils from pyrolysis of beech trunkbarks. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 72, 215-219.	5.5	96
59	Fuel Characteristics of Olive Husk and Walnut, Hazelnut, Sunflower, and Almond Shells. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 215-221.	0.5	94
60	Studies on cottonseed oil biodiesel prepared in non-catalytic SCF conditions. <i>Bioresource Technology</i> , 2008, 99, 1125-1130.	9.6	94
61	Properties of charcoal derived from hazelnut shell and the production of briquettes using pyrolytic oil. <i>Energy</i> , 1999, 24, 141-150.	8.8	91
62	Recent Developments in Biodiesel Fuels. <i>International Journal of Green Energy</i> , 2007, 4, 15-26.	3.8	91
63	Evaluation of biomass residue. <i>Fuel Processing Technology</i> , 1998, 55, 175-183.	7.2	86
64	Heavy metal bioaccumulation by mushrooms from artificially fortified soils. <i>Food Chemistry</i> , 2001, 74, 293-301.	8.2	86
65	Hydrogen Production from Biomass by the Gasification Process. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 59-68.	0.5	84
66	Potential evolution of Turkish agricultural residues as bio-gas, bio-char and bio-oil sources. <i>International Journal of Hydrogen Energy</i> , 2006, 31, 613-620.	7.1	84
67	Study of heavy metals in some cultivated and uncultivated mushrooms of Turkish origin. <i>Food Chemistry</i> , 1998, 63, 247-251.	8.2	81
68	Sludge production from municipal wastewater treatment in sewage treatment plant. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 999-1006.	2.3	81
69	Adsorption thermodynamics of stearic acid onto bentonite. <i>Journal of Hazardous Materials</i> , 2006, 135, 226-231.	12.4	80
70	Future hydrogen economy and policy. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 172-181.	3.4	80
71	Pyrolysis and steam gasification processes of black liquor. <i>Energy Conversion and Management</i> , 2002, 43, 877-884.	9.2	77
72	Kinetics for non-isothermal flash pyrolysis of hazelnut shell. <i>Bioresource Technology</i> , 1998, 66, 247-252.	9.6	74

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73	Thermochemical Conversion of Biomass to Liquid Products in the Aqueous Medium. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 1235-1243.	0.5	74
74	Heavy oil upgrading: Unlocking the future fuel supply. Petroleum Science and Technology, 2016, 34, 303-308.	1.5	74
75	Accumulation of heavy metals in some edible mushrooms from Turkey. Food Chemistry, 2000, 68, 415-419.	8.2	69
76	Estimating the Calorific Values of Lignocellulosic Fuels. Energy Exploration and Exploitation, 2004, 22, 135-143.	2.3	69
77	Energy and environmental issues relating to greenhouse gas emissions in Turkey. Energy Conversion and Management, 2003, 44, 203-213.	9.2	68
78	Higher heating values of lignin types from wood and non-wood lignocellulosic biomasses. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 592-598.	2.3	64
79	New Options for Conversion of Vegetable Oils to Alternative Fuels. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 619-626.	2.3	63
80	Relationships Between Heating Value and Lignin, Fixed Carbon, and Volatile Material Contents of Shells from Biomass Products. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 629-635.	0.5	61
81	Metal ion uptake by mushrooms from natural and artificially enriched soils. Food Chemistry, 2002, 78, 89-93.	8.2	57
82	Combustion Systems for Biomass Fuel. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2007, 29, 303-312.	2.3	57
83	Analysis of Liquid Products from Biomass via Flash Pyrolysis. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2002, 24, 337-345.	0.5	56
84	Briquetting Properties of Biomass Waste Materials. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 83-91.	0.5	54
85	Biogas Potential of Manure and Straw Mixtures. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 71-78.	2.3	53
86	Evaluation of natural gas hydrates as a future methane source. Petroleum Science and Technology, 2016, 34, 1204-1210.	1.5	52
87	Biogas production from municipal sewage sludge (MSS). Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 3027-3033.	2.3	52
88	Hydrogen from Biomass via Pyrolysis: Relationships between Yield of Hydrogen and Temperature. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1061-1069.	0.5	49
89	Conversion of waste tires to liquid products via sodium carbonate catalytic pyrolysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2487-2493.	2.3	49
90	Fuel Conversional Aspects of Palm Oil and Sunflower Oil. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 457-466.	0.5	48

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91	Biodiesel: hopes and dreads. <i>Biofuel Research Journal</i> , 2016, 3, 379-379.	13.3	47
92	Ethanol from Cellulosic Biomass Resources. <i>International Journal of Green Energy</i> , 2004, 1, 79-87.	3.8	46
93	Heavy Metal Contents of Fly Ashes from Selected Biomass Samples. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1269-1276.	0.5	46
94	Proximate and heavy metal composition in chicken meat and tissues. <i>Food Chemistry</i> , 1999, 67, 27-31.	8.2	45
95	Global Energy Sources, Energy Usage, and Future Developments. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 191-204.	0.5	45
96	Anaerobic Digestion of Agricultural Solid Residues. <i>International Journal of Green Energy</i> , 2005, 1, 483-494.	3.8	45
97	Tomorrow's biofuels: Goals and hopes. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 673-679.	2.3	45
98	Bioenergy, Global Warming, and Environmental Impacts. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 225-236.	0.5	43
99	Oil, micronutrient and heavy metal contents of tomatoes. <i>Food Chemistry</i> , 2010, 118, 504-507.	8.2	43
100	Sustainable Development of Small Hydropower Plants (SHPs). <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 1105-1118.	0.5	42
101	Hydrogen Production from Biomass via Supercritical Water Extraction. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1409-1417.	0.5	42
102	Production and Characterization of Bio-Chars from Biomass via Pyrolysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 413-422.	2.3	42
103	Adsorption of Cr(III) and Cr(VI) Ions from Aqueous Solutions on to Modified Lignin. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1449-1455.	0.5	41
104	Hydrogen and Boron as Recent Alternative Motor Fuels. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 741-748.	0.5	41
105	Biogas Production from the Organic Fraction of Municipal Solid Waste. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 1127-1134.	2.3	41
106	The social, economic, and environmental importance of biofuels in the future. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 47-55.	3.4	41
107	Fatty and Resin Acids Recovered from Spruce Wood by Supercritical Acetone Extraction. <i>Holzforschung</i> , 1991, 45, 337-339.	1.9	40
108	Biohydrogen. <i>Green Energy and Technology</i> , 2009, , .	0.6	40

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109	Current Advances in Alternative Motor Fuels. Energy Exploration and Exploitation, 2003, 21, 475-487.	2.3	39
110	Methylation of wood fatty and resin acids for production of biodiesel. Fuel, 2011, 90, 2273-2279.	6.4	39
111	Electricity from Biomass and Hydroelectric Development Projects in Turkey. Energy Exploration and Exploitation, 2002, 20, 325-335.	2.3	39
112	Sustainable charcoal production from biomass. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1882-1889.	2.3	38
113	Chemical and Fuel Properties of Seventeen Vegetable Oils. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 721-728.	0.5	36
114	The Importance of Biomass. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 361-366.	0.5	36
115	COMBUSTION PROPERTIES AND CALCULATION HIGHER HEATING VALUES OF DIESEL FUELS. Petroleum Science and Technology, 1998, 16, 785-795.	1.5	35
116	Energy from Renewable Sources in Turkey: Status and Future Direction. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 473-484.	0.5	35
117	Tea seed upgrading facilities and economic assessment of biodiesel production from tea seed oil. Energy Conversion and Management, 2010, 51, 2595-2599.	9.2	35
118	Fuel and Combustion Properties of Bio-wastes. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 451-462.	0.5	33
119	Deposition and flocculation of asphaltenes from crude oils. Petroleum Science and Technology, 2016, 34, 6-11.	1.5	33
120	The cost analysis of electric power generation in Saudi Arabia. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 591-596.	3.4	33
121	Renewable energy resource facilities in the Kingdom of Saudi Arabia: Prospects, social and political challenges. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 8-16.	3.4	33
122	Analysis of mixed-linked (1 $\alpha$ '3), (1 $\alpha$ '4)- $\beta$ -d-glucans in cereal grains from Turkey. Food Chemistry, 2001, 73, 221-224.	8.2	32
123	Biomass and Wastes: Upgrading Alternative Fuels. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 317-329.	0.5	32
124	Relationships between Carbonization Temperature and Pyrolysis Products from Biomass. Energy Exploration and Exploitation, 2004, 22, 411-419.	2.3	32
125	CONVERSION OF WOOD TO LIQUID PRODUCTS USING ALKALINE GLYCEROL. Petroleum Science and Technology, 1992, 10, 173-184.	0.2	29
126	Theoretical Heating Values and Impacts of Pure Compounds and Fuels. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 459-467.	2.3	29



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127	Promising sources of energy in the near future. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1730-1738.	2.3	29
128	Recent volatility in the price of crude oil. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 408-414.	3.4	29
129	Sustainable Developments of Hydropower Energy in Turkey. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2002, 24, 27-40.	0.5	28
130	Biomass Co-Firing for Coal-Fired Boilers. Energy Exploration and Exploitation, 2003, 21, 269-278.	2.3	27
131	Removing of resins from crude oils. Petroleum Science and Technology, 2016, 34, 771-777.	1.5	27
132	HYDROGEN RESOURCES : CONVERSION OF BLACK LIQUOR TO HYDROGEN RICH GASEOUS PRODUCTS. Petroleum Science and Technology, 1996, 14, 451-463.	0.2	26
133	Evaluation of Biomass Materials as Energy Sources: Upgrading of Tea Waste by Briquetting Process. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1999, 21, 215-220.	0.5	26
134	Trace Metal Concentrations in Ashes from Various Types of Biomass Species. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 743-751.	0.5	26
135	Boron Minerals in Turkey, Their Application Areas and Importance for the Country's Economy. Minerals and Energy: Raw Materials Report, 2006, 20, 2-10.	0.2	26
136	Thermal Degradation of Fatty Acids in Biodiesel Production by Supercritical Methanol. Energy Exploration and Exploitation, 2007, 25, 63-70.	2.3	26
137	Hazardous Emissions, Global Climate Change and Environmental Precautions. Energy Sources, Part B: Economics, Planning and Policy, 2006, 1, 75-84.	3.4	24
138	Recovery of Energy and Chemicals from Carbonaceous Materials. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 1473-1482.	2.3	24
139	Biomass Co-Firing for Boilers Associated with Environmental Impacts. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 1385-1396.	0.5	23
140	Relationship between Initial Moisture Content and the Liquid Yield from Pyrolysis of Sawdust. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 823-830.	0.5	23
141	Biomass Gasification for Power Generation in Turkey. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 433-445.	2.3	23
142	Electrical Power Production Facilities from Green Energy Sources. Energy Sources, Part B: Economics, Planning and Policy, 2006, 1, 291-301.	3.4	23
143	CHEMICALS FROM FOREST PRODUCTS BY EFFICIENT EXTRACTION METHODS. Petroleum Science and Technology, 1994, 12, 417-431.	0.2	22
144	Fuelwood Characteristics of Six Indigenous Wood Species from the Eastern Black Sea Region. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 309-316.	0.5	22

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145	Direct and Catalytic Liquefaction of Wood Species in Aqueous Solution. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 271-277.	0.5	22
146	Calculation of higher heating values of fatty acids. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2693-2697.	2.3	22
147	Comparison of thermochemical conversion processes of biomass to hydrogen-rich gas mixtures. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2971-2976.	2.3	22
148	Treatment of contaminated wastewater. Petroleum Science and Technology, 2017, 35, 883-889.	1.5	22
149	Optimization of municipal solid waste (MSW) disposal in Saudi Arabia. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1929-1937.	2.3	21
150	Aerobic digestion of sewage sludge for waste treatment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 1056-1062.	2.3	21
151	Recent Studies on Activated Carbons and Fly Ashes from Turkish Resources. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 627-638.	2.3	20
152	Calculation of higher heating values of hydrocarbon compounds and fatty acids. Petroleum Science and Technology, 2018, 36, 712-717.	1.5	20
153	Evaluation of beech for production of bio-char, bio-oil and gaseous materials. Chemical Engineering Research and Design, 2015, 94, 29-36.	5.6	19
154	Future energy systems. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1721-1729.	2.3	19
155	Sulfur removal from crude oil using supercritical water. Petroleum Science and Technology, 2016, 34, 622-626.	1.5	19
156	Turkey's Geothermal Energy Potential. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2002, 24, 1107-1115.	0.5	18
157	Thermochemical Conversion of Hazelnut Shell to Gaseous Products for Production of Hydrogen. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 339-347.	0.5	18
158	Enhanced electricity generation using biomass materials. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1419-1427.	2.3	18
159	Toxic Air Emissions from Biomass Combustion. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 419-427.	0.5	17
160	Utilization of date biomass waste and date seed as bio-fuels source. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 754-760.	2.3	17
161	Fuel Analyses and Thermochemical Processing of Olive Residues. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 731-738.	0.5	16
162	Mathematical Modeling the Relations of Pyrolytic Products from Lignocellulosic Materials. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1023-1032.	0.5	16

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163	Biomass-Based Combined Heat and Power Systems. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2006, 1, 245-253.	3.4	16
164	Turkey's Renewable Energy Facilities in the Near Future. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 527-536.	2.3	16
165	Biodiesel from Algae. <i>Green Energy and Technology</i> , 2010, , 139-157.	0.6	16
166	Potential of geothermal energy in the Kingdom of Saudi Arabia. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2238-2243.	2.3	16
167	Production Potential of Electricity from Biomass in Turkey. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 921-929.	0.5	15
168	Biodiesel from municipal sewage sludge (MSS): Challenges and cost analysis. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 351-357.	3.4	15
169	Turkey's Natural Gas, Hydropower, and Geothermal Energy Policies. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 237-248.	0.5	14
170	Influence of Gas and Detrimental Metal Emissions from Biomass Firing and Co-Firing on Environmental Impact. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1419-1428.	0.5	14
171	Biodiesel from corn germ oil catalytic and non-catalytic supercritical methanol transesterification. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1890-1897.	2.3	14
172	Bioenergy life cycle assessment and management in energy generation. <i>Energy Exploration and Exploitation</i> , 2018, 36, 166-181.	2.3	14
173	Biodiesel Impacts on Compression Ignition Engine (CIE): Analysis of Air Pollution Issues Relating to Exhaust Emissions. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 549-558.	0.5	13
174	Adsorption of Sulfur Dioxide from Coal Combustion Gases on Natural Zeolite. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 1329-1335.	2.3	13
175	Cofiring of Biomass and Lignite Blends: Resource Facilities; Technological and Environmental Issues. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2003, 25, 175-187.	0.5	11
176	Options and Trends of Thorium Fuel Utilization. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 597-603.	0.5	11
177	Recent Advances in Recycling and Re-Refining Processes of Petroleum Based Wastes (PBW). <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 261-269.	0.5	11
178	Degradation of Poplar and Spruce Wood Chips Using Alkaline Glycerol. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 1073-1084.	0.5	11
179	Optimization of process variables for supercritical liquefaction of giant fennel. <i>RSC Advances</i> , 2014, 4, 55912-55923.	3.6	11
180	Kinetics of biological hydrogen production from green microalgae <i>Chlorella vulgaris</i> using glucose as initial substrate. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1210-1215.	2.3	11

#	ARTICLE	IF	CITATIONS
181	Optimization of crude oil refining products to valuable fuel blends. <i>Petroleum Science and Technology</i> , 2017, 35, 406-412.	1.5	11
182	Chemical analyses of shale gas and conventional natural gas. <i>Petroleum Science and Technology</i> , 2018, 36, 1690-1695.	1.5	10
183	Deasphalting of crude oils using supercritical fluids. <i>Petroleum Science and Technology</i> , 2016, 34, 665-670.	1.5	9
184	Biodiesel production from lipids of municipal sewage sludge by direct methanol transesterification. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 800-805.	2.3	9
185	Conversion of Agricultural Residues to Fuel Products via Supercritical Fluid Extraction. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 1095-1103.	0.5	8
186	Utilization of Biomass as Alternative Fuel for External Combustion Engines. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 1219-1226.	0.5	8
187	Hazelnut Shell to Hydrogen-Rich Gaseous Products via Catalytic Gasification Process. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 25-33.	0.5	8
188	Biofuel Based Cogenerative Energy Conversion Systems. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 1509-1518.	2.3	8
189	Turkey's Renewable Energy Policy. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 657-665.	2.3	8
190	Forecasting and analysis of energy consumption for transportation in the Kingdom of Saudi Arabia. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 1150-1157.	3.4	8
191	Biodiesel from kernel oil of sweet cherry ( <i>Prunus avium</i> L.) seed. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2503-2509.	2.3	8
192	Cost analysis of biodiesel from kernel oil of tea seed. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 480-486.	3.4	8
193	Production economics of high-quality microalgae. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 395-401.	3.4	8
194	Utilization of Lignin Degradation Products from Hazelnut Shell via Supercritical Fluid Extraction. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 891-897.	0.5	7
195	Electricity Generation via Unconventional Methods. <i>Energy Exploration and Exploitation</i> , 2006, 24, 131-138.	2.3	7
196	Alternative Fuels for Transportation. <i>Energy Exploration and Exploitation</i> , 2006, 24, 45-54.	2.3	7
197	Desulfurization of Organic Sulfur from Lignite by an Electron Transfer Process. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 1295-1301.	2.3	7
198	Sustainable rural bioenergy production for developing countries. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 3578-3585.	2.3	7

#	ARTICLE	IF	CITATIONS
199	The natural gas potential of Saudi Arabia. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2635-2642.	2.3	7
200	Unconventional energy sources: Safety impacts, opportunities, and economic challenges. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 387-393.	3.4	7
201	Biofuels production from microalgae by liquefaction and supercritical water pyrolysis. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 827-834.	2.3	7
202	Strategic Importance of Natural Gas and Electricity. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2004, 26, 1379-1388.	0.5	6
203	Removal of sulfur from sulfur-bearing natural gas to produce clean jet fuel. <i>Petroleum Science and Technology</i> , 2016, 34, 1550-1555.	1.5	6
204	Conversion of oil shale to liquid hydrocarbons. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2698-2703.	2.3	6
205	KINETICS FOR LOW TEMPERATURE PYROLYSIS OF BLACK LIQUOR. <i>Petroleum Science and Technology</i> , 1992, 10, 185-197.	0.2	5
206	Energy from Algae. <i>Green Energy and Technology</i> , 2010, , 97-138.	0.6	5
207	Waste Energy for Life Cycle Assessment. <i>Green Energy and Technology</i> , 2016, , .	0.6	5
208	SUPERCRITICAL AND CATALYTIC FLUID EXTRACTIONS OF TEA WASTES. <i>Petroleum Science and Technology</i> , 1996, 14, 395-404.	0.2	4
209	Energy Utilization Systems. <i>Energy Exploration and Exploitation</i> , 2002, 20, 379-389.	2.3	4
210	Competition Potential of Wind Power Plants. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 605-612.	0.5	4
211	Chemical Analysis and Fuel Properties of Oils from Oilseeds by Supercritical Fluid Extraction. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2002, 24, 375-381.	0.5	3
212	Effects of Irregular Heating Rates on Pyrolysis Yields from Hazelnut Shell. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 501-508.	0.5	3
213	Conversion of black alder ( <i>Alnus glutinosa</i> L.) in supercritical solvents. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1393-1399.	2.3	3
214	Analysis of petroleum coke from low grade oily sludge of refinery. <i>Petroleum Science and Technology</i> , 2018, 36, 904-909.	1.5	3
215	Removal of Organic Sulfur from Coal by Wheat Straw Ash and Potassium Ferric Hexacyanoferrat (II). <i>Energy Exploration and Exploitation</i> , 2004, 22, 429-439.	2.3	2
216	Turkey's Non-fossil Energy Sources and Positive Expectations in the Next Decades. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2005, 27, 613-620.	0.5	2

#	ARTICLE	IF	CITATIONS
217	Future Energy Sources. Green Energy and Technology, 2016, , 33-70.	0.6	2
218	Optimization of wind power generation using shaking energy. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 326-331.	3.4	2
219	Biorefineries. Green Energy and Technology, 2010, , 159-181.	0.6	2
220	Synthesis of Epichlorhydrin-Styrene Block Copolymers via Cation-to-Radical Transformation Process. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 127-132.	2.2	1
221	Mathematical Modeling on Thermal Degradation of Wood Chips Using Glycerol and Alkaline Glycerol. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1165-1175.	0.5	1
222	Energy facilities in nanotechnology. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1954-1961.	2.3	1
223	Unconventional Energy Sources. Green Energy and Technology, 2016, , 71-122.	0.6	1
224	Energy from Waste Materials and Unconventional Sources. Green Energy and Technology, 2016, , 123-255.	0.6	1
225	Gasoline- and diesel-like products from heavy oils via catalytic pyrolysis. Petroleum Science and Technology, 2017, 35, 1607-1613.	1.5	1
226	Production of Biofuels with Special Emphasis on Biodiesel. , 2008, , 45-54.		1
227	High-efficiency, environment-friendly moss-enriched microbial fuel cell. International Journal of Chemical Reactor Engineering, 2022, .	1.1	1
228	Effects on Wood Quality Characteristics of Hormone Breeding of Beech Seedlings Treated by Polystimulin-A6. International Journal of Green Energy, 2005, 1, 441-450.	3.8	0