Ayhan Demirbas

List of Publications by Year in Descending Order

227 papers	22,984 citations	66 h-index	149 g-index
232 ext. papers	25,081 ext. citations	5.2 avg, IF	8.24 L-index

#	Paper	IF	Citations
227	Calculation of higher heating values of hydrocarbon compounds and fatty acids. *Petroleum Science and Technology*, **2018**, 36, 712-717	1.4	12
226	Analysis of petroleum coke from low grade oily sludge of refinery. *Petroleum Science and Technology*, **2018**, 36, 904-909	1.4	2
225	Bioenergy life cycle assessment and management in energy generation. *Energy Exploration and Exploitation*, **2018**, 36, 166-181	2.1	9
224	A comprehensive review on the environmental impacts of diesel/biodiesel additives. *Energy Conversion and Management*, **2018**, 174, 579-614	10.6	191
223	Chemical analyses of shale gas and conventional natural gas. *Petroleum Science and Technology*, **2018**, 36, 1690-1695	1.4	3
222	Future hydrogen economy and policy. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 172-181	3.1	51
221	Biodiesel from municipal sewage sludge (MSS): Challenges and cost analysis. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 351-357	3.1	12
220	Unconventional energy sources: Safety impacts, opportunities, and economic challenges. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 387-393	3.1	4
219	Optimization of wind power generation using shaking energy. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 326-331	3.1	1
218	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	1.6	43
217	Recent volatility in the price of crude oil. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 408-414	3.1	19
216	Sludge production from municipal wastewater treatment in sewage treatment plant. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 999-1006	1.6	46
215	Kinetics of biological hydrogen production from green microalgae Chlorella vulgaris using glucose as initial substrate. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 1210-1215	1.6	4
214	Optimization of crude oil refining products to valuable fuel blends. *Petroleum Science and Technology*, **2017**, 35, 406-412	1.4	8
213	Biofuels production from microalgae by liquefaction and supercritical water pyrolysis. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 827-834	1.6	6
212	Biodiesel production from lipids of municipal sewage sludge by direct methanol transesterification. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 800-805	1.6	7
211	Aerobic digestion of sewage sludge for waste treatment. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 1056-1062	1.6	10

210	The cost analysis of electric power generation in Saudi Arabia. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 591-596	3.1	20
209	Cost analysis of biodiesel from kernel oil of tea seed. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 480-486	3.1	5
208	Tomorrow biofuels: Goals and hopes. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 673-679	1.6	34
207	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	1.6	12
206	Production economics of high-quality microalgae. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 395-401	3.1	6
205	Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. *Progress in Energy and Combustion Science*, **2017**, 59, 32-78	33.6	237
204	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	3.1	25
203	The social, economic, and environmental importance of biofuels in the future. *Energy Sources, Part B: Economics, Planning and Policy*, **2017**, 12, 47-55	3.1	26
202	Treatment of contaminated wastewater. *Petroleum Science and Technology*, **2017**, 35, 883-889	1.4	18
201	Gasoline- and diesel-like products from heavy oils via catalytic pyrolysis. *Petroleum Science and Technology*, **2017**, 35, 1607-1613	1.4	1
200	Evaluation of natural gas hydrates as a future methane source. *Petroleum Science and Technology*, **2016**, 34, 1204-1210	1.4	39
199	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	1.6	41
198	Optimization of municipal solid waste (MSW) disposal in Saudi Arabia. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1929-1937	1.6	13
197	Energy facilities in nanotechnology. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1954-1961	1.6	0
196	Sustainable rural bioenergy production for developing countries. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 3578-3585	1.6	4
195	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	1.6	12
194	The natural gas potential of Saudi Arabia. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 2635-2642	1.6	6
193	Biogas production from municipal sewage sludge (MSS). *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 3027-3033	1.6	41

192	Biodiesel from corn germ oil catalytic and non-catalytic supercritical methanol transesterification. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1890-1897	1.6	12
191	Conversion of oil shale to liquid hydrocarbons. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 2698-2703	1.6	5
190	Removing of resins from crude oils. *Petroleum Science and Technology*, **2016**, 34, 771-777	1.4	18
189	Promising sources of energy in the near future. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1730-1738	1.6	21
188	Waste Energy for Life Cycle Assessment. *Green Energy and Technology*, **2016**,	0.6	3
187	Deasphalting of crude oils using supercritical fluids. *Petroleum Science and Technology*, **2016**, 34, 665-670	1.4	7
186	Future energy systems. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1721-1729	1.6	9
185	Sulfur removal from crude oil using supercritical water. *Petroleum Science and Technology*, **2016**, 34, 622-626	1.4	14
184	Conversion of black alder (Alnus glutinosa L.) in supercritical solvents. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1393-1399	1.6	3
183	Unconventional Energy Sources. *Green Energy and Technology*, **2016**, 71-122	0.6	1
182	Energy from Waste Materials and Unconventional Sources. *Green Energy and Technology*, **2016**, 123-255	0.6	1
181	Deposition and flocculation of asphaltenes from crude oils. *Petroleum Science and Technology*, **2016**, 34, 6-11	1.4	19
180	Biodiesel production from non-edible plant oils. *Energy Exploration and Exploitation*, **2016**, 34, 290-318	2.1	113
179	Biodiesel: hopes and dreads. *Biofuel Research Journal*, **2016**, 3, 379-379	13.9	38
178	Sustainable charcoal production from biomass. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1882-1889	1.6	24
177	Future Energy Sources. *Green Energy and Technology*, **2016**, 33-70	0.6	2
176	Forecasting and analysis of energy consumption for transportation in the Kingdom of Saudi Arabia. *Energy Sources, Part B: Economics, Planning and Policy*, **2016**, 11, 1150-1157	3.1	8
175	Removal of sulfur from sulfur-bearing natural gas to produce clean jet fuel. *Petroleum Science and Technology*, **2016**, 34, 1550-1555	1.4	2

174	Potential of geothermal energy in the Kingdom of Saudi Arabia. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 2238-2243	1.6	10
173	Heavy oil upgrading: Unlocking the future fuel supply. *Petroleum Science and Technology*, **2016**, 34, 303-308	1.4	56
172	Enhanced electricity generation using biomass materials. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 1419-1427	1.6	12
171	Biodiesel from kernel oil of sweet cherry (Prunus avium L.) seed. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 2503-2509	1.6	7
170	Calculation of higher heating values of fatty acids. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2016**, 38, 2693-2697	1.6	15
169	Evaluation of beech for production of bio-char, bio-oil and gaseous materials. *Chemical Engineering Research and Design*, **2015**, 94, 29-36	5.5	15
168	Optimization of process variables for supercritical liquefaction of giant fennel. *RSC Advances*, **2014**, 4, 55912-55923	3.7	11
167	Biodiesel from oilgae, biofixation of carbon dioxide by microalgae: A solution to pollution problems. *Applied Energy*, **2011**, 88, 3541-3547	10.7	152
166	Competitive liquid biofuels from biomass. *Applied Energy*, **2011**, 88, 17-28	10.7	574
165	Waste management, waste resource facilities and waste conversion processes. *Energy Conversion and Management*, **2011**, 52, 1280-1287	10.6	213
164	Importance of algae oil as a source of biodiesel. *Energy Conversion and Management*, **2011**, 52, 163-170	10.6	683
163	Methylation of wood fatty and resin acids for production of biodiesel. *Fuel*, **2011**, 90, 2273-2279	7.1	36
162	Energy from Algae. *Green Energy and Technology*, **2010**, 97-138	0.6	2
161	Biodiesel from Algae. *Green Energy and Technology*, **2010**, 139-157	0.6	6
160	Production of diesel-like fuel from waste engine oil by pyrolitic distillation. *Applied Energy*, **2010**, 87, 122-127	10.7	77
159	Methane hydrates as potential energy resource: Part 2 Methane production processes from gas hydrates. *Energy Conversion and Management*, **2010**, 51, 1562-1571	10.6	113
158	Tea seed upgrading facilities and economic assessment of biodiesel production from tea seed oil. *Energy Conversion and Management*, **2010**, 51, 2595-2599	10.6	26
157	Use of algae as biofuel sources. *Energy Conversion and Management*, **2010**, 51, 2738-2749	10.6	480

156	Oil, micronutrient and heavy metal contents of tomatoes. *Food Chemistry*, **2010**, 118, 504-507	8.5	30
155	Biorefineries. *Green Energy and Technology*, **2010**, 159-181	0.6	2
154	Biohydrogen. *Green Energy and Technology*, **2009**,	0.6	35
153	Progress and recent trends in biodiesel fuels. *Energy Conversion and Management*, **2009**, 50, 14-34	10.6	1310
152	Biodiesel from waste cooking oil via base-catalytic and supercritical methanol transesterification. *Energy Conversion and Management*, **2009**, 50, 923-927	10.6	326
151	Biofuels securing the planet's future energy needs. *Energy Conversion and Management*, **2009**, 50, 2239-2249	10.6	359
150	Biorefineries: Current activities and future developments. *Energy Conversion and Management*, **2009**, 50, 2782-2801	10.6	316
149	Agricultural based activated carbons for the removal of dyes from aqueous solutions: a review. *Journal of Hazardous Materials*, **2009**, 167, 1-9	12.8	516
148	Production of biodiesel fuels from linseed oil using methanol and ethanol in non-catalytic SCF conditions. *Biomass and Bioenergy*, **2009**, 33, 113-118	5.3	138
147	Political, economic and environmental impacts of biofuels: A review. *Applied Energy*, **2009**, 86, S108-S117	10.7	709
146	Comparison of transesterification methods for production of biodiesel from vegetable oils and fats. *Energy Conversion and Management*, **2008**, 49, 125-130	10.6	346
145	Biofuels sources, biofuel policy, biofuel economy and global biofuel projections. *Energy Conversion and Management*, **2008**, 49, 2106-2116	10.6	748
144	Importance of biomass energy sources for Turkey. *Energy Policy*, **2008**, 36, 834-842	7.2	90
143	Heavy metal adsorption onto agro-based waste materials: a review. *Journal of Hazardous Materials*, **2008**, 157, 220-9	12.8	1012
142	Studies on cottonseed oil biodiesel prepared in non-catalytic SCF conditions. *Bioresource Technology*, **2008**, 99, 1125-30	11	84
141	Relationships derived from physical properties of vegetable oil and biodiesel fuels. *Fuel*, **2008**, 87, 1743-1748	7.1	327
140	Production of Biofuels with Special Emphasison Biodiesel **2008**, 45-54		1
139	Combustion Systems for Biomass Fuel. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2007**, 29, 303-312	1.6	41

138	Importance of biodiesel as transportation fuel. *Energy Policy*, **2007**, 35, 4661-4670	7.2	710
137	The influence of temperature on the yields of compounds existing in bio-oils obtained from biomass samples via pyrolysis. *Fuel Processing Technology*, **2007**, 88, 591-597	7.2	285
136	Biodiesel from sunflower oil in supercritical methanol with calcium oxide. *Energy Conversion and Management*, **2007**, 48, 937-941	10.6	211
135	Thermal Degradation of Fatty Acids in Biodiesel Production by Supercritical Methanol. *Energy Exploration and Exploitation*, **2007**, 25, 63-70	2.1	18
134	Recent Developments in Biodiesel Fuels. *International Journal of Green Energy*, **2007**, 4, 15-26	3	87
133	Biodiesel production via non-catalytic SCF method and biodiesel fuel characteristics. *Energy Conversion and Management*, **2006**, 47, 2271-2282	10.6	267
132	Alternative Fuels for Transportation. *Energy Exploration and Exploitation*, **2006**, 24, 45-54	2.1	6
131	Theoretical Heating Values and Impacts of Pure Compounds and Fuels. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 459-467	1.6	20
130	Boron Minerals in Turkey, Their Application Areas and Importance for the Country's Economy. *Minerals and Energy: Raw Materials Report*, **2006**, 20, 2-10		14
129	Turkey's Renewable Energy Facilities in the Near Future. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 527-536	1.6	15
128	Recent Studies on Activated Carbons and Fly Ashes from Turkish Resources. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 627-638	1.6	14
127	Electrical Power Production Facilities from Green Energy Sources. *Energy Sources, Part B: Economics, Planning and Policy*, **2006**, 1, 291-301	3.1	15
126	Recovery of Energy and Chemicals from Carbonaceous Materials. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1473-1482	1.6	19
125	Desulfurization of Organic Sulfur from Lignite by an Electron Transfer Process. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1295-1301	1.6	5
124	Oily Products from Mosses and Algae via Pyrolysis. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 933-940	1.6	124
123	Biofuel Based Cogenerative Energy Conversion Systems. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1509-1518	1.6	6
122	Adsorption of Sulfur Dioxide from Coal Combustion Gases on Natural Zeolite. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1329-1335	1.6	12
121	Biomass Gasification for Power Generation in Turkey. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 433-445	1.6	18

120	Turkey's Renewable Energy Policy. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 657-665	1.6	8
119	New Options for Conversion of Vegetable Oils to Alternative Fuels. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 619-626	1.6	46
118	Biogas Potential of Manure and Straw Mixtures. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 71-78	1.6	39
117	Biomass-Based Combined Heat and Power Systems. *Energy Sources, Part B: Economics, Planning and Policy*, **2006**, 1, 245-253	3.1	11
116	Global Renewable Energy Resources. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 779-792	1.6	115
115	Production and Characterization of Bio-Chars from Biomass via Pyrolysis. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 413-422	1.6	33
114	Hazardous Emissions, Global Climate Change and Environmental Precautions. *Energy Sources, Part B: Economics, Planning and Policy*, **2006**, 1, 75-84	3.1	21
113	Electricity Generation via Unconventional Methods. *Energy Exploration and Exploitation*, **2006**, 24, 131-138	1.1	7
112	Potential evolution of Turkish agricultural residues as bio-gas, bio-char and bio-oil sources. *International Journal of Hydrogen Energy*, **2006**, 31, 613-620	6.7	75
111	Effect of temperature on pyrolysis products from four nut shells. *Journal of Analytical and Applied Pyrolysis*, **2006**, 76, 285-289	6	96
110	Adsorption thermodynamics of stearic acid onto bentonite. *Journal of Hazardous Materials*, **2006**, 135, 226-31	12.8	63
109	Biogas Production from the Organic Fraction of Municipal Solid Waste. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2006**, 28, 1127-1134	1.6	32
108	Degradation of Poplar and Spruce Wood Chips Using Alkaline Glycerol. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1073-1084		9
107	Competition Potential of Wind Power Plants. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 605-612		4
106	Estimating of Structural Composition of Wood and Non-Wood Biomass Samples. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 761-767		88
105	Removal of Heavy Metal Ions from Aqueous Solutions via Adsorption onto Modified Lignin from Pulping Wastes. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1167-1177		96
104	Bioethanol from Cellulosic Materials: A Renewable Motor Fuel from Biomass. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 327-337		271
103	Influence of Gas and Detrimental Metal Emissions from Biomass Firing and Co-Firing on Environmental Impact. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1419-1428		11

102	Effects of Irregular Heating Rates on Pyrolysis Yields from Hazelnut Shell. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 501-508		3
101	Biomass Co-Firing for Boilers Associated with Environmental Impacts. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1385-1396		19
100	Hydrogen Production from Biomass via Supercritical Water Extraction. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1409-1417		37
99	Options and Trends of Thorium Fuel Utilization. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 597-603		8
98	Turkey's Non-fossil Energy Sources and Positive Expectations in the Next Decades. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 613-620		1
97	Biodiesel Impacts on Compression Ignition Engine (CIE): Analysis of Air Pollution Issues Relating to Exhaust Emissions. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 549-558		10
96	Adsorption of Cu(II), Zn(II), Ni(II), Pb(II), and Cd(II) from aqueous solution on Amberlite IR-120 synthetic resin. *Journal of Colloid and Interface Science*, **2005**, 282, 20-5	9.3	230
95	?-Glucan and mineral nutrient contents of cereals grown in Turkey. *Food Chemistry*, **2005**, 90, 773-777	8.5	75
94	Potential applications of renewable energy sources, biomass combustion problems in boiler power systems and combustion related environmental issues. *Progress in Energy and Combustion Science*, **2005**, 31, 171-192	33.6	721
93	Biodiesel production from vegetable oils via catalytic and non-catalytic supercritical methanol transesterification methods. *Progress in Energy and Combustion Science*, **2005**, 31, 466-487	33.6	607
92	Heavy Metal Contents of Fly Ashes from Selected Biomass Samples. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1269-1276		35
91	Adsorption of Cr(III) and Cr(VI) Ions from Aqueous Solutions on to Modified Lignin. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1449-1455		37
90	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		20
89	Hydrogen and Boron as Recent Alternative Motor Fuels. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 741-748		28
88	Direct and Catalytic Liquefaction of Wood Species in Aqueous Solution. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 271-277		19
87	Anaerobic Digestion of Agricultural Solid Residues. *International Journal of Green Energy*, **2005**, 1, 483-494	3	32
86	Fuel and Combustion Properties of Bio-wastes. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 451-462		29
85	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	

84	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		14
83	Recent Advances in Recycling and Re-Refining Processes of Petroleum Based Wastes (PBW). *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 261-269		10
82	Thermochemical Conversion of Biomass to Liquid Products in the Aqueous Medium. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2005**, 27, 1235-1243		61
81	Fuel Analyses and Thermochemical Processing of Olive Residues. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 731-738		14
80	Global Energy Sources, Energy Usage, and Future Developments. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 191-204		36
79	Conversion of Agricultural Residues to Fuel Products via Supercritical Fluid Extraction. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 1095-1103		8
78	Strategic Importance of Natural Gas and Electricity. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 1379-1388		6
77	The Importance of Biomass. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 361-366		29
76	Bioenergy, Global Warming, and Environmental Impacts. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 225-236		37
75	Mathematical Modeling the Relations of Pyrolytic Products from Lignocellulosic Materials. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 1023-1032		15
74	Determination of calorific values of bio-chars and pyro-oils from pyrolysis of beech trunkbarks. *Journal of Analytical and Applied Pyrolysis*, **2004**, 72, 215-219	6	80
73	Adsorption of lead and cadmium ions in aqueous solutions onto modified lignin from alkali glycerol delignication. *Journal of Hazardous Materials*, **2004**, 109, 221-6	12.8	154
72	Effect of initial moisture content on the yields of oily products from pyrolysis of biomass. *Journal of Analytical and Applied Pyrolysis*, **2004**, 71, 803-815	6	121
71	Pyrolysis of municipal plastic wastes for recovery of gasoline-range hydrocarbons. *Journal of Analytical and Applied Pyrolysis*, **2004**, 72, 97-102	6	300
70	Effects of temperature and particle size on bio-char yield from pyrolysis of agricultural residues. *Journal of Analytical and Applied Pyrolysis*, **2004**, 72, 243-248	6	670
69	Ethanol from Cellulosic Biomass Resources. *International Journal of Green Energy*, **2004**, 1, 79-87	3	34
68	Briquetting Properties of Biomass Waste Materials. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 83-91		39
67	Sustainable Development of Small Hydropower Plants (SHPs). *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 1105-1118		35

66	Relationships between Carbonization Temperature and Pyrolysis Products from Biomass. *Energy Exploration and Exploitation*, **2004**, 22, 411-419	2.1	25
65	Removal of Organic Sulfur from Coal by Wheat Straw Ash and Potassium Ferric Hexacyanoferrat (II). *Energy Exploration and Exploitation*, **2004**, 22, 429-439	2.1	2
64	Utilization of Biomass as Alternative Fuel for External Combustion Engines. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 1219-1226		7
63	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		31
62	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		1
61	Turkey's Natural Gas, Hydropower, and Geothermal Energy Policies. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 237-248		13
60	Hazelnut Shell to Hydrogen-Rich Gaseous Products via Catalytic Gasification Process. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 25-33		7
59	Estimating the Calorific Values of Lignocellulosic Fuels. *Energy Exploration and Exploitation*, **2004**, 22, 135-143	2.1	53
58	Energy from Renewable Sources in Turkey: Status and Future Direction. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2004**, 26, 473-484		28
57	Fuel Conversional Aspects of Palm Oil and Sunflower Oil. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 457-466		40
56	Trace Metal Concentrations in Ashes from Various Types of Biomass Species. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 743-751		24
55	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		20
54	Biomass Co-Firing for Coal-Fired Boilers. *Energy Exploration and Exploitation*, **2003**, 21, 269-278	2.1	22
53	Cofiring of Biomass and Lignite Blends: Resource Facilities; Technological and Environmental Issues. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 175-187		7
52	Energy and environmental issues relating to greenhouse gas emissions in Turkey. *Energy Conversion and Management*, **2003**, 44, 203-213	10.6	56
51	Sustainable cofiring of biomass with coal. *Energy Conversion and Management*, **2003**, 44, 1465-1479	10.6	208
50	Relationships between lignin contents and fixed carbon contents of biomass samples. *Energy Conversion and Management*, **2003**, 44, 1481-1486	10.6	94
49	Biodiesel fuels from vegetable oils via catalytic and non-catalytic supercritical alcohol transesterifications and other methods: a survey. *Energy Conversion and Management*, **2003**, 44, 2093-2109	10.6	769

48	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		51
47	Biomass and Wastes: Upgrading Alternative Fuels. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 317-329		23
46	Current Advances in Alternative Motor Fuels. *Energy Exploration and Exploitation*, **2003**, 21, 475-487	2.1	32
45	Toxic Air Emissions from Biomass Combustion. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 419-427		17
44	Chemical and Fuel Properties of Seventeen Vegetable Oils. *Energy Sources Part A Recovery, Utilization, and Environmental Effects*, **2003**, 25, 721-728		32
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