Fatih Evrendilek

List of Publications by Year
in descending order

159
papers	5,326
citations	61984
43
h-index	114465
63
g-index
162
all docs	162
docs citations	162
times ranked	3509
citing authors

#	Article	IF	Citations
1	Co-pyrolytic performances, mechanisms, gases, oils, and chars of textile dyeing sludge and waste shared bike tires under varying conditions. Chemical Engineering Journal, 2022, 428, 131053.	12.7	75
2	Oxy-fuel and air atmosphere combustions of Chinese medicine residues: Performances, mechanisms, flue gas emission, and ash properties. Renewable Energy, 2022, 182, 102-118.	8.9	47
3	Torrefaction, temperature, and heating rate dependencies of pyrolysis of coffee grounds: Its performances, bio-oils, and emissions. Bioresource Technology, 2022, 345, 126346.	9.6	46
4	Co-combustion, life-cycle circularity, and artificial intelligence-based multi-objective optimization of two plastics and textile dyeing sludge. Journal of Hazardous Materials, 2022, 426, 128069.	12.4	53
5	Efficiency, by-product valorization, and pollution control of co-pyrolysis of textile dyeing sludge and waste solid adsorbents: Their atmosphere, temperature, and blend ratio dependencies. Science of the Total Environment, 2022, 819, 152923.	8.0	35
6	Oxy-fuel co-combustion dynamics of phytoremediation biomass and textile dyeing sludge: Gas-to-ash pollution abatement. Science of the Total Environment, 2022, 825, 153656.	8.0	36
7	Transport dynamics of SARS-CoV-2 under outdoor conditions. Air Quality, Atmosphere and Health, 2022, , 1-7.	3.3	0
8	Torrefaction-assisted oxy-fuel co-combustion of textile dyeing sludge and bamboo residues toward enhancing emission-to-ash desulfurization in full waste circularity. Fuel, 2022, 318, 123603.	6.4	30
9	Technical and environmental feasibility of gas-solid decontamination by oxygen-enriched co-combustion of textile dyeing sludge and durian shell. Journal of Cleaner Production, 2022, 360, 131967.	9.3	9
10	Bottom slag-to-flue gas controls on S and Cl from co-combustion of textile dyeing sludge and waste biochar: Their interactions with temperature, atmosphere, and blend ratio. Journal of Hazardous Materials, 2022, 435, 129007.	12.4	26
11	Turning the co-combustion synergy of textile dyeing sludge and waste biochar into emission-to-bottom slag pollution controls toward a circular economy. Renewable Energy, 2022, 194, 760-777.	8.9	19
12	Performance and mechanism of bamboo residues pyrolysis: Gas emissions, by-products, and reaction kinetics. Science of the Total Environment, 2022, 838, 156560.	8.0	21
13	Dynamic pyrolytic reaction mechanisms, pathways, and products of medical masks and infusion tubes. Science of the Total Environment, 2022, 842, 156710.	8.0	14
14	Comparative (co-)pyrolytic performances and by-products of textile dyeing sludge and cattle manure: Deeper insights from Py-GC/MS, TG-FTIR, 2D-COS and PCA analyses. Journal of Hazardous Materials, 2021, 401, 123276.	12.4	70
15	Pyrolysis dynamics of two medical plastic wastes: Drivers, behaviors, evolved gases, reaction mechanisms, and pathways. Journal of Hazardous Materials, 2021, 402, 123472.	12.4	92
16	Dynamic pyrolysis behaviors, products, and mechanisms of waste rubber and polyurethane bicycle tires. Journal of Hazardous Materials, 2021, 402, 123516.	12.4	90
17	Synergistic effects, gaseous products, and evolutions of NOx precursors during (co-)pyrolysis of textile dyeing sludge and bamboo residues. Journal of Hazardous Materials, 2021, 401, 123331.	12.4	65
18	Optimizing bioenergy and by-product outputs from durian shell pyrolysis. Renewable Energy, 2021, 164, 407-418.	8.9	32

#	Article	IF	Citations
19	Flue gas-to-ash desulfurization of combustion of textile dyeing sludge: Its dependency on temperature, lignocellulosic residue, and CaO. Chemical Engineering Journal, 2021, 417, 127906.	12.7	58
20	Coupled mechanisms of reaction kinetics, gas emissions, and ash mineral transformations during combustion of AlCl3-conditioned textile dyeing sludge. Journal of Hazardous Materials, 2021, 403, 123968.	12.4	20
21	Juxtaposing the spatiotemporal drivers of sediment CO2, CH4, and N2O effluxes along ecoregional, wet-dry, and diurnal gradients. Atmospheric Pollution Research, 2021, 12, 160-171.	3.8	2
22	Reaction mechanisms and product patterns of Pteris vittata pyrolysis for cleaner energy. Renewable Energy, 2021, 167, 600-612.	8.9	16
23	Evaluation of reaction mechanisms and emissions of oily sludge and coal co-combustions in O2/CO2 and O2/N2 atmospheres. Renewable Energy, 2021, 171, 1327-1343.	8.9	37
24	Co-pyrolytic mechanisms and products of textile dyeing sludge and durian shell in changing operational conditions. Chemical Engineering Journal, 2021, 420, 129711.	12.7	30
25	Optimizing environmental pollution controls in response to textile dyeing sludge, incineration temperature, CaO conditioner, and ash minerals. Science of the Total Environment, 2021, 785, 147219.	8.0	23
26	Emission-to-ash detoxification mechanisms of co-combustion of spent pot lining and pulverized coal. Journal of Hazardous Materials, 2021, 418, 126380.	12.4	33
27	Multiple drivers, interaction effects, and trade-offs of efficient and cleaner combustion of torrefied water hyacinth. Science of the Total Environment, 2021, 786, 147278.	8.0	13
28	A model for indoor motion dynamics of SARS-CoV-2 as a function of respiratory droplet size and evaporation. Environmental Monitoring and Assessment, 2021, 193, 626.	2.7	2
29	Oxy-fuel and air combustion performances and gas-to-ash products of aboveground and belowground biomass of Sedum alfredii Hance. Chemical Engineering Journal, 2021, 422, 130312.	12.7	27
30	Ash-to-emission pollution controls on co-combustion of textile dyeing sludge and waste tea. Science of the Total Environment, 2021, 794, 148667.	8.0	27
31	Co-pyrolysis performances, synergistic mechanisms, and products of textile dyeing sludge and medical plastic wastes. Science of the Total Environment, 2021, 799, 149397.	8.0	56
32	Thermodynamic Equilibrium Simulations of ThalliumÂDistributions in Interactions with Chlorine, Sulfur, Phosphorus, and Minerals During Sludge Co-combustion. Waste and Biomass Valorization, 2020, 11, 1251-1259.	3.4	3
33	Catalytic effects of CaO, Al2O3, Fe2O3, and red mud on Pteris vittata combustion: Emission, kinetic and ash conversion patterns. Journal of Cleaner Production, 2020, 252, 119646.	9.3	60
34	Uncertainty and sensitivity analyses of co-combustion/pyrolysis of textile dyeing sludge and incense sticks: Regression and machine-learning models. Renewable Energy, 2020, 151, 463-474.	8.9	25
35	Catalytic combustion performances, kinetics, reaction mechanisms and gas emissions of Lentinus edodes. Bioresource Technology, 2020, 300, 122630.	9.6	26
36	Co-combustion of textile dyeing sludge with cattle manure: Assessment of thermal behavior, gaseous products, and ash characteristics. Journal of Cleaner Production, 2020, 253, 119950.	9.3	91

#	Article	IF	Citations
37	Bioenergy and emission characterizations of catalytic combustion and pyrolysis of litchi peels via TG-FTIR-MS and Py-GC/MS. Renewable Energy, 2020, 148, 1074-1093.	8.9	50
38	Dynamic insights into combustion drivers and responses of water hyacinth: Evolved gas and ash analyses. Journal of Cleaner Production, 2020, 276, 124156.	9.3	16
39	Falling Dynamics of SARS-CoV-2 as a Function of Respiratory Droplet Size and Human Height. Journal of Medical and Biological Engineering, 2020, 40, 880-886.	1.8	9
40	Water-soluble fluorine detoxification mechanisms of spent potlining incineration in response to calcium compounds. Environmental Pollution, 2020, 266, 115420.	7.5	14
41	(Co-)pyrolytic performances and by-products of textile dyeing sludge and spent mushroom substrate. Journal of Cleaner Production, 2020, 261, 121195.	9.3	36
42	Pyrolytic behaviors, kinetics, decomposition mechanisms, product distributions and joint optimization of Lentinus edodes stipe. Energy Conversion and Management, 2020, 213, 112858.	9.2	43
43	Catalytic combustions of two bamboo residues with sludge ash, CaO, and Fe2O3: Bioenergy, emission and ash deposition improvements. Journal of Cleaner Production, 2020, 270, 122418.	9.3	25
44	CO2-assisted co-pyrolysis of textile dyeing sludge and hyperaccumulator biomass: Dynamic and comparative analyses of evolved gases, bio-oils, biochars, and reaction mechanisms. Journal of Hazardous Materials, 2020, 400, 123190.	12.4	45
45	Interaction effects of the main drivers of global climate change on spatiotemporal dynamics of high altitude ecosystem behaviors: process-based modeling. Environmental Monitoring and Assessment, 2020, 192, 457.	2.7	1
46	Combustion parameters, evolved gases, reaction mechanisms, and ash mineral behaviors of durian shells: A comprehensive characterization and joint-optimization. Bioresource Technology, 2020, 314, 123689.	9.6	22
47	Combustions of torrefaction-pretreated bamboo forest residues: Physicochemical properties, evolved gases, and kinetic mechanisms. Bioresource Technology, 2020, 304, 122960.	9.6	69
48	Pyrolysis of water hyacinth biomass parts: Bioenergy, gas emissions, and by-products using TG-FTIR and Py-GC/MS analyses. Energy Conversion and Management, 2020, 207, 112552.	9.2	150
49	Thermal behaviors of fluorine during (co-)incinerations of spent potlining and red mud: Transformation, retention, leaching and thermodynamic modeling analyses. Chemosphere, 2020, 249, 126204.	8.2	22
50	Co-pyrolytic mechanisms, kinetics, emissions and products of biomass and sewage sludge in N2, CO2 and mixed atmospheres. Chemical Engineering Journal, 2020, 397, 125372.	12.7	103
51	Quantifying spatiotemporal rhythm of stream metabolism along human disturbance gradients. Annales De Limnologie, 2020, 56, 16.	0.6	0
52	Combustion behaviors of Pteris vittata using thermogravimetric, kinetic, emission and optimization analyses. Journal of Cleaner Production, 2019, 237, 117772.	9.3	49
53	Parametric assessment of stochastic variability in co-combustion of textile dyeing sludge and shaddock peel. Waste Management, 2019, 96, 128-135.	7.4	9
54	Combustion behaviors of three bamboo residues: Gas emission, kinetic, reaction mechanism and optimization patterns. Journal of Cleaner Production, 2019, 235, 549-561.	9.3	85

#	Article	IF	Citations
55	Thermal characteristics, kinetics, gas emissions and thermodynamic simulations of (co-)combustions of textile dyeing sludge and waste tea. Journal of Cleaner Production, 2019, 239, 118113.	9.3	65
56	Thermodynamic equilibrium predictions of zinc volatilization, migration, and transformation during sludge coâ€incineration. Water Environment Research, 2019, 91, 208-221.	2.7	5
57	Combustion behaviors of pileus and stipe parts of Lentinus edodes using thermogravimetric-mass spectrometry and Fourier transform infrared spectroscopy analyses: Thermal conversion, kinetic, thermodynamic, gas emission and optimization analyses. Bioresource Technology, 2019, 288, 121481.	9.6	67
58	(Co-)combustion behaviors and products of spent potlining and textile dyeing sludge. Journal of Cleaner Production, 2019, 224, 384-395.	9.3	61
59	TG-FTIR and Py-GC/MS analyses of pyrolysis behaviors and products of cattle manure in CO2 and N2 atmospheres: Kinetic, thermodynamic, and machine-learning models. Energy Conversion and Management, 2019, 195, 346-359.	9.2	124
60	Pyrolysis performance, kinetic, thermodynamic, product and joint optimization analyses of incense sticks in N2 and CO2 atmospheres. Renewable Energy, 2019, 141, 814-827.	8.9	48
61	Thermal conversion behaviors and products of spent mushroom substrate in CO2 and N2 atmospheres: Kinetic, thermodynamic, TG and Py-GC/MS analyses. Journal of Analytical and Applied Pyrolysis, 2019, 139, 177-186.	5.5	55
62	The mixture of sewage sludge and biomass waste as solid biofuels: Process characteristic and environmental implication. Renewable Energy, 2019, 139, 707-717.	8.9	31
63	Kinetics, thermodynamics, gas evolution and empirical optimization of (co-)combustion performances of spent mushroom substrate and textile dyeing sludge. Bioresource Technology, 2019, 280, 313-324.	9.6	50
64	Pyrolytic kinetics, reaction mechanisms and products of waste tea via TG-FTIR and Py-GC/MS. Energy Conversion and Management, 2019, 184, 436-447.	9.2	173
65	Thermogravimetric and mass-spectrometric analyses of combustion of spent potlining under N2/O2 and CO2/O2 atmospheres. Waste Management, 2019, 87, 237-249.	7.4	37
66	Estimating Spatio-temporal Responses of Net Primary Productivity to Climate Change Scenarios in the Seyhan Watershed by Integrating Biogeochemical Modelling and Remote Sensing. The Anthropocene: Politik - Economics - Society - Science, 2019, , 183-199.	0.2	2
67	Characterizing and optimizing (co-)pyrolysis as a function of different feedstocks, atmospheres, blend ratios, and heating rates. Bioresource Technology, 2019, 277, 104-116.	9.6	26
68	Kinetics, thermodynamics, gas evolution and empirical optimization of cattle manure combustion in air and oxy-fuel atmospheres. Applied Thermal Engineering, 2019, 149, 119-131.	6.0	60
69	Arsenic Partitioning Behavior During Sludge Co-combustion: Thermodynamic Equilibrium Simulation. Waste and Biomass Valorization, 2019, 10, 2297-2307.	3.4	9
70	Comparative thermogravimetric analyses of co-combustion of textile dyeing sludge and sugarcane bagasse in carbon dioxide/oxygen and nitrogen/oxygen atmospheres: Thermal conversion characteristics, kinetics, and thermodynamics. Bioresource Technology, 2018, 255, 88-95.	9.6	69
71	Quantifying thermal decomposition regimes of textile dyeing sludge, pomelo peel, and their blends. Renewable Energy, 2018, 122, 55-64.	8.9	46
72	Thermodynamic behaviors of Cu in interaction with chlorine, sulfur, phosphorus and minerals during sewage sludge co-incineration. Chinese Journal of Chemical Engineering, 2018, 26, 1160-1170.	3.5	9

#	Article	IF	Citations
73	Co-combustion thermal conversion characteristics of textile dyeing sludge and pomelo peel using TGA and artificial neural networks. Applied Energy, 2018, 212, 786-795.	10.1	132
74	Assessing thermal behaviors and kinetics of (co-)combustion of textile dyeing sludge and sugarcane bagasse. Applied Thermal Engineering, 2018, 131, 874-883.	6.0	50
75	Influence of catalysts on co-combustion of sewage sludge and water hyacinth blends as determined by TG-MS analysis. Bioresource Technology, 2018, 247, 217-225.	9.6	92
76	Co-combustion of sewage sludge and coffee grounds under increased O2/CO2 atmospheres: Thermodynamic characteristics, kinetics and artificial neural network modeling. Bioresource Technology, 2018, 250, 230-238.	9.6	80
77	Integrating spatiotemporal dynamics of natural capital security and urban ecosystem carbon metabolism. Environment, Development and Sustainability, 2018, 20, 2043-2063.	5.0	1
78	(Co-)combustion of additives, water hyacinth and sewage sludge: Thermogravimetric, kinetic, gas and thermodynamic modeling analyses. Waste Management, 2018, 81, 211-219.	7.4	36
79	Interaction effects of chlorine and phosphorus on thermochemical behaviors of heavy metals during incineration of sulfur-rich textile dyeing sludge. Chemical Engineering Journal, 2018, 351, 897-911.	12.7	65
80	Combustion behaviors of spent mushroom substrate using TG-MS and TG-FTIR: Thermal conversion, kinetic, thermodynamic and emission analyses. Bioresource Technology, 2018, 266, 389-397.	9.6	161
81	Thermal degradations and processes of waste tea and tea leaves via TG-FTIR: Combustion performances, kinetics, thermodynamics, products and optimization. Bioresource Technology, 2018, 268, 715-725.	9.6	75
82	Thermogravimetric analysis of (co-)combustion of oily sludge and litchi peels: combustion characterization, interactions and kinetics. Thermochimica Acta, 2018, 667, 207-218.	2.7	59
83	Ultrasound–assisted adsorption of toxic dyes by cottonseed cake: artificial neural networks, regression models and response surface optimization. Global Nest Journal, 2018, 20, 14-24.	0.1	2
84	Compositing climate change vulnerability of a Mediterranean region using spatiotemporally dynamic proxies for ecological and socioeconomic impacts and stabilities. Environmental Monitoring and Assessment, 2017, 189, 29.	2.7	8
85	Delving deeper: Metabolic processes in the metalimnion of stratified lakes. Limnology and Oceanography, 2017, 62, 1288-1306.	3.1	40
86	Response surface optimization, modeling and uncertainty analysis of mass loss response of co-combustion of sewage sludge and water hyacinth. Applied Thermal Engineering, 2017, 125, 328-335.	6.0	26
87	Thermochemical behaviorsof textile dying sludge, paper mill sludge, and their blends during (co-)combustion. Thermochimica Acta, 2017, 655, 101-105.	2.7	7
88	Multivariate empirical modeling of interaction effects of machining var-iables on surface roughness in dry hard turning of AISI 4140 steel with coated CBN insert using Taguchi design. Mechanika, 2017, 23, .	0.5	1
89	Spatiotemporal modeling of watershed nutrient transport dynamics: Implications for eutrophication abatement. Ecological Informatics, 2016, 34, 52-69.	5.2	8
90	Quantifying rates and drivers of change in long-term sector- and country-specific trends of carbon dioxide-equivalent greenhouse gas emissions. Renewable and Sustainable Energy Reviews, 2016, 65, 823-831.	16.4	19

#	Article	IF	Citations
91	Large interannual variability in net ecosystem carbon dioxide exchange of a disturbed temperate peatland. Science of the Total Environment, 2016, 554-555, 192-202.	8.0	27
92	Utilizing aluminum etching wastewater for tannery wastewater coagulation: performance and feasibility. Desalination and Water Treatment, 2016, 57, 2413-2421.	1.0	2
93	Modelling stochastic variability and uncertainty in aroma active compounds of PEF-treated peach nectar as a function of physical and sensory properties, and treatment time. Food Chemistry, 2016, 190, 634-642.	8.2	24
94	Modeling Impacts of Land Uses on Carbon and Nitrogen Contents, Carbon Dioxide and Water Effluxes of Mediterranean Soils. Polish Journal of Environmental Studies, 2016, 25, 1479-1487.	1.2	3
95	Data-driven simulations of flank wear of coated cutting tools in hard turning. Mechanika, 2016, 21, .	0.5	3
96	EMISSIONS OF GREENHOUSE GASES FROM DIESEL CONSUMPTION IN AGRICULTURAL PRODUCTION OF TURKEY. European Journal of Sustainable Development (discontinued), 2016, 5, .	0.9	1
97	Modeling Ultrasound-Assisted Decolorization Efficiency of Reactive Red 195 Using Soybean Cake. Asian Journal of Chemistry, 2015, 27, 4541-4548.	0.3	1
98	Modeling Efficiency of Dehydrated Sunflower Seed Cake as a Novel Biosorbent to Remove a Toxic Azo Dye. Chemical Engineering Communications, 2015, , 151007222219007.	2.6	2
99	Coupling of remote sensing, field campaign, and mechanistic and empirical modeling to monitor spatiotemporal carbon dynamics of a Mediterranean watershed in a changing regional climate. Environmental Monitoring and Assessment, 2015, 187, 179.	2.7	4
100	Assessing CO_2 sink/source strength of a degraded temperate peatland: atmospheric and hydrological drivers and responses to extreme events. Ecohydrology, 2015, 8, 1429-1445.	2.4	8
101	Spatiotemporal modeling of saturated dissolved oxygen through regressions after wavelet denoising of remotely and proximally sensed data. Earth Science Informatics, 2015, 8, 247-254.	3.2	9
102	NOVEL USES OF RED MUD IN TEXTILE WASTEWATER TREATMENT, DYEING, AND CONCRETE PRODUCTION. Environmental Engineering and Management Journal, 2015, 14, 1171-1181.	0.6	3
103	Modeling Net Ecosystem Carbon Dioxide Exchange Using Temporal Neural Networks after Wavelet Denoising. Geographical Analysis, 2014, 46, 37-52.	3.5	5
104	Regression model-based predictions of diel, diurnal and nocturnal dissolved oxygen dynamics after wavelet denoising of noisy time series. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 8-15.	2.6	14
105	Assessing neural networks with wavelet denoising and regression models in predicting diel dynamics of eddy covariance-measured latent and sensible heat fluxes and evapotranspiration. Neural Computing and Applications, 2014, 24, 327-337.	5.6	17
106	Spatial viability analysis of grid-connected photovoltaic power systems for Turkey. International Journal of Electrical Power and Energy Systems, 2014, 56, 270-278.	5.5	16
107	Monitoring diel dissolved oxygen dynamics through integrating wavelet denoising and temporal neural networks. Environmental Monitoring and Assessment, 2014, 186, 1583-1591.	2.7	17
108	Monitoring spatiotemporal variations of diel radon concentrations in peatland and forest ecosystems based on neural network and regression models. Environmental Monitoring and Assessment, 2013, 185, 5577-5583.	2.7	4

#	Article	IF	Citations
109	Quantifying biosphere–atmosphere exchange of CO2 using eddy covariance, wavelet denoising, neural networks, and multiple regression models. Agricultural and Forest Meteorology, 2013, 171-172, 1-8.	4.8	9
110	Predicting Diel, Diurnal and Nocturnal Dynamics of Dissolved Oxygen and Chlorophyll *a* Using Regression Models and Neural Networks. Clean - Soil, Air, Water, 2013, 41, 872-877.	1.1	11
111	How Do Different Locations, Floors and Aspects Influence Indoor Radon Concentrations? An Empirical Study Using Neural Networks for a University Campus in Northwestern Turkey. Indoor and Built Environment, 2013, 22, 650-658.	2.8	4
112	Dynamic Emulations of Surface Radiation Components During Day and Night Under all Sky and Surface Conditions Using Temporal Neural Networks. International Journal of Green Energy, 2013, 10, 966-983.	3.8	0
113	Quantifying Environmental Flow Requirement Towards Watershed Sustainability. Asian Journal of Chemistry, 2013, 25, 2622-2626.	0.3	3
114	Satellite-based and mesoscale regression modeling of monthly air and soil temperatures over complex terrain in Turkey. Expert Systems With Applications, 2012, 39, 2059-2066.	7.6	13
115	Boosted decision tree classifications of land cover over Turkey integrating MODIS, climate and topographic data. International Journal of Remote Sensing, 2011, 32, 3461-3483.	2.9	13
116	Historical spatiotemporal analysis of land-use/land-cover changes and carbon budget in a temperate peatland (Turkey) using remotely sensed data. Applied Geography, 2011, 31, 1166-1172.	3.7	20
117	Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. Sensors, 2011, 11, 7954-7981.	3.8	76
118	Assessing monthly average solar radiation models: a comparative case study in Turkey. Environmental Monitoring and Assessment, 2011, 175, 251-277.	2.7	18
119	Monitoring and validating spatio-temporal dynamics of biogeochemical properties in Mersin Bay (Turkey) using Landsat ETM+. Environmental Monitoring and Assessment, 2011, 181, 457-464.	2.7	14
120	Modeling and Validating Long-Term Dynamics of Diel Dissolved Oxygen with Particular Reference to pH in a Temperate Shallow Lake (Turkey). Clean - Soil, Air, Water, 2011, 39, 966-971.	1.1	6
121	Using Eddy Covariance Sensors to Quantify Carbon Metabolism of Peatlands: A Case Study in Turkey. Sensors, 2011, 11, 522-538.	3.8	7
122	Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. Sensors, 2011, 11, 7954-7981.	3.8	67
123	Water quality time series for Big Melen stream (Turkey): its decomposition analysis and comparison to upstream. Environmental Monitoring and Assessment, 2010, 165, 125-136.	2.7	26
124	Long-term spatiotemporal patterns of CH4 and N2O emissions from livestock and poultry production in Turkey. Environmental Monitoring and Assessment, 2010, 167, 545-558.	2.7	3
125	Quantifying long-term changes in water quality and quantity of Euphrates and Tigris rivers, Turkey. Environmental Monitoring and Assessment, 2010, 170, 475-490.	2.7	12
126	Quantifying spatio-temporal dynamics of solar radiation exergy over Turkey. Renewable Energy, 2010, 35, 2821-2828.	8.9	15

#	Article	IF	Citations
127	Modeling above‑ground litterfall in eastern Mediterranean conifer forests using fractional tree cover, and remotely sensed and ground data. Applied Vegetation Science, 2010, 13, 485-497.	1.9	8
128	Quantifying soil respiration in response to short-term tillage practices: a case study in southern Turkey. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2009, 59, 50-56.	0.6	11
129	Quantifying coastal inundation vulnerability of Turkey to sea-level rise. Environmental Monitoring and Assessment, 2008, 138, 101-106.	2.7	41
130	Implications of climate change for evaporation from bare soils in a Mediterranean environment. Environmental Monitoring and Assessment, 2008, 140, 123-130.	2.7	22
131	Quantifying spatial patterns of bioclimatic zones and controls in Turkey. Theoretical and Applied Climatology, 2008, 91, 35-50.	2.8	13
132	Assessing solar radiation models using multiple variables over Turkey. Climate Dynamics, 2008, 31, 131-149.	3.8	31
133	Multivariate analysis of watershed health and sustainability in Turkey. International Journal of Sustainable Development and World Ecology, 2008, 15, 265-272.	5.9	5
134	Techno-Economic Analysis of Solar Water Heating Systems in Turkey. Sensors, 2008, 8, 1252-1277.	3.8	20
135	Modeling Spatio-Temporal Dynamics of Optimum Tilt Angles for Solar Collectors in Turkey. Sensors, 2008, 8, 2913-2931.	3.8	32
136	Deriving Vegetation Dynamics of Natural Terrestrial Ecosystems from MODIS NDVI/EVI Data over Turkey. Sensors, 2008, 8, 5270-5302.	3.8	37
137	Diurnal photosynthesis, water use efficiency and light use efficiency of wheat under Mediterranean field conditions. Journal of Environmental Biology, 2008, 29, 397-406.	0.5	3
138	Effects of Strip Intercropping and Organic Farming Systems on Quantity and Quality of Maize Yield in a Mediterranean Region of Turkey. Agroecology and Sustainable Food Systems, 2007, 30, 109-118.	0.9	2
139	Spatio-temporal modeling of global solar radiation dynamics as a function of sunshine duration for Turkey. Agricultural and Forest Meteorology, 2007, 145, 36-47.	4.8	61
140	Modeling Forest Productivity Using Envisat MERIS Data. Sensors, 2007, 7, 2115-2127.	3.8	25
141	Statistical Modeling of Spatio-Temporal Variability in Monthly Average Daily Solar Radiation over Turkey. Sensors, 2007, 7, 2763-2778.	3.8	16
142	Integrating Map Algebra and Statistical Modeling for Spatio- Temporal Analysis of Monthly Mean Daily Incident Photosynthetically Active Radiation (PAR) over a Complex Terrain. Sensors, 2007, 7, 3242-3257.	3.8	1
143	Modeling Potential Distribution and Carbon Dynamics of Natural Terrestrial Ecosystems: A Case Study of Turkey. Sensors, 2007, 7, 2273-2296.	3.8	17
144	Coastal Flood Risk Analysis Using Landsat-7 ETM+ Imagery and SRTM DEM: A Case Study of Izmir, Turkey. Environmental Monitoring and Assessment, 2007, 131, 293-300.	2.7	56

#	Article	IF	Citations
145	Monitoring Water Quality and Quantity of National Watersheds in Turkey. Environmental Monitoring and Assessment, 2007, 133, 215-229.	2.7	22
146	Quantifying Carbon Budgets Of Conifer Mediterranean Forest Ecosystems, Turkey. Environmental Monitoring and Assessment, 2006, 119, 527-543.	2.7	29
147	Environmental Monitoring of Land-Use and Land-Cover Changes in a Mediterranean Region of Turkey. Environmental Monitoring and Assessment, 2006, 114, 157-168.	2.7	82
148	Developing a suitability index for land uses and agricultural land covers: A case study in Turkey. Environmental Monitoring and Assessment, 2005, 102, 323-335.	2.7	21
149	Spatial and temporal variations in diurnal CO_2 fluxes of different Mediterranean ecosystems in Turkey. Journal of Environmental Monitoring, 2005, 7, 151-157.	2.1	12
150	Changing Global Climate: Historical Carbon and Nitrogen Budgets and Projected Responses of Ohio?s Cropland Ecosystems. Ecosystems, 2004, 7, 381.	3.4	29
151	Yield and Fruit Quality of Watermelon (<i>Citrullus lanatus</i> (Thumb.) Matsum. & Nakai.) and Melon (<i>Cucumis melo</i> L.) under Protected Organic and Conventional Farming Systems in a Mediterranean Region of Turkey. Biological Agriculture and Horticulture, 2004, 22, 173-183.	1.0	12
152	An inventory-based carbon budget for forest and woodland ecosystems of Turkey. Journal of Environmental Monitoring, 2004, 6, 26.	2.1	11
153	Changes in soil organic carbon and other physical soil properties along adjacent Mediterranean forest, grassland, and cropland ecosystems in Turkey. Journal of Arid Environments, 2004, 59, 743-752.	2.4	174
154	Assessing the potential of renewable energy sources in Turkey. Renewable Energy, 2003, 28, 2303-2315.	8.9	114
155	Identification of ecologically significant habitats for urban nature conservation: a case study in Turkey. Journal of Environmental Biology, 2003, 24, 241-51.	0.5	1
156	Agricultural sustainability in Turkey: integrating food, environmental and energy securities. Land Degradation and Development, 2002, 13, 61-67.	3.9	18
157	Modelling long-term C dynamics in croplands in the context of climate change: a case study from Ohio. Environmental Modelling and Software, 2001, 16, 361-375.	4.5	23
158	Assessing Major Ecosystem Types and the Challenge of Sustainability in Turkey. Environmental Management, 2000, 26, 479-489.	2.7	38
159	Handheld two-stroke engines as an important source of personal VOC exposure for olive farm workers. Environmental Science and Pollution Research, 0, , .	5.3	2