

Fatih Evrendilek

List of Publications by Year in descending order

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159
papers

5,326
citations

61857

43
h-index

114278

63
g-index

162
all docs

162
docs citations

162
times ranked

3509
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in soil organic carbon and other physical soil properties along adjacent Mediterranean forest, grassland, and cropland ecosystems in Turkey. <i>Journal of Arid Environments</i> , 2004, 59, 743-752.	1.2	174
2	Pyrolytic kinetics, reaction mechanisms and products of waste tea via TG-FTIR and Py-GC/MS. <i>Energy Conversion and Management</i> , 2019, 184, 436-447.	4.4	173
3	Combustion behaviors of spent mushroom substrate using TG-MS and TG-FTIR: Thermal conversion, kinetic, thermodynamic and emission analyses. <i>Bioresource Technology</i> , 2018, 266, 389-397.	4.8	161
4	Pyrolysis of water hyacinth biomass parts: Bioenergy, gas emissions, and by-products using TG-FTIR and Py-GC/MS analyses. <i>Energy Conversion and Management</i> , 2020, 207, 112552.	4.4	150
5	Co-combustion thermal conversion characteristics of textile dyeing sludge and pomelo peel using TGA and artificial neural networks. <i>Applied Energy</i> , 2018, 212, 786-795.	5.1	132
6	TG-FTIR and Py-GC/MS analyses of pyrolysis behaviors and products of cattle manure in CO ₂ and N ₂ atmospheres: Kinetic, thermodynamic, and machine-learning models. <i>Energy Conversion and Management</i> , 2019, 195, 346-359.	4.4	124
7	Assessing the potential of renewable energy sources in Turkey. <i>Renewable Energy</i> , 2003, 28, 2303-2315.	4.3	114
8	Co-pyrolytic mechanisms, kinetics, emissions and products of biomass and sewage sludge in N ₂ , CO ₂ and mixed atmospheres. <i>Chemical Engineering Journal</i> , 2020, 397, 125372.	6.6	103
9	Influence of catalysts on co-combustion of sewage sludge and water hyacinth blends as determined by TG-MS analysis. <i>Bioresource Technology</i> , 2018, 247, 217-225.	4.8	92
10	Pyrolysis dynamics of two medical plastic wastes: Drivers, behaviors, evolved gases, reaction mechanisms, and pathways. <i>Journal of Hazardous Materials</i> , 2021, 402, 123472.	6.5	92
11	Co-combustion of textile dyeing sludge with cattle manure: Assessment of thermal behavior, gaseous products, and ash characteristics. <i>Journal of Cleaner Production</i> , 2020, 253, 119950.	4.6	91
12	Dynamic pyrolysis behaviors, products, and mechanisms of waste rubber and polyurethane bicycle tires. <i>Journal of Hazardous Materials</i> , 2021, 402, 123516.	6.5	90
13	Combustion behaviors of three bamboo residues: Gas emission, kinetic, reaction mechanism and optimization patterns. <i>Journal of Cleaner Production</i> , 2019, 235, 549-561.	4.6	85
14	Environmental Monitoring of Land-Use and Land-Cover Changes in a Mediterranean Region of Turkey. <i>Environmental Monitoring and Assessment</i> , 2006, 114, 157-168.	1.3	82
15	Co-combustion of sewage sludge and coffee grounds under increased O ₂ /CO ₂ atmospheres: Thermodynamic characteristics, kinetics and artificial neural network modeling. <i>Bioresource Technology</i> , 2018, 250, 230-238.	4.8	80
16	Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. <i>Sensors</i> , 2011, 11, 7954-7981.	2.1	76
17	Thermal degradations and processes of waste tea and tea leaves via TG-FTIR: Combustion performances, kinetics, thermodynamics, products and optimization. <i>Bioresource Technology</i> , 2018, 268, 715-725.	4.8	75
18	Co-pyrolytic performances, mechanisms, gases, oils, and chars of textile dyeing sludge and waste shared bike tires under varying conditions. <i>Chemical Engineering Journal</i> , 2022, 428, 131053.	6.6	75

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19	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. <i>Journal of Hazardous Materials</i> , 2021, 401, 123276.	6.5	70
20	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. <i>Bioresource Technology</i> , 2018, 255, 88-95.	4.8	69
21	Combustions of torrefaction-pretreated bamboo forest residues: Physicochemical properties, evolved gases, and kinetic mechanisms. <i>Bioresource Technology</i> , 2020, 304, 122960.	4.8	69
22	Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. <i>Sensors</i> , 2011, 11, 7954-7981.	2.1	67
23	Combustion behaviors of pileus and stipe parts of <i>Lentinus edodes</i> using thermogravimetric-mass spectrometry and Fourier transform infrared spectroscopy analyses: Thermal conversion, kinetic, thermodynamic, gas emission and optimization analyses. <i>Bioresource Technology</i> , 2019, 288, 121481.	4.8	67
24	Interaction effects of chlorine and phosphorus on thermochemical behaviors of heavy metals during incineration of sulfur-rich textile dyeing sludge. <i>Chemical Engineering Journal</i> , 2018, 351, 897-911.	6.6	65
25	Thermal characteristics, kinetics, gas emissions and thermodynamic simulations of (co-)combustions of textile dyeing sludge and waste tea. <i>Journal of Cleaner Production</i> , 2019, 239, 118113.	4.6	65
26	Synergistic effects, gaseous products, and evolutions of NO _x precursors during (co-)pyrolysis of textile dyeing sludge and bamboo residues. <i>Journal of Hazardous Materials</i> , 2021, 401, 123331.	6.5	65
27	Spatio-temporal modeling of global solar radiation dynamics as a function of sunshine duration for Turkey. <i>Agricultural and Forest Meteorology</i> , 2007, 145, 36-47.	1.9	61
28	(Co-)combustion behaviors and products of spent potlining and textile dyeing sludge. <i>Journal of Cleaner Production</i> , 2019, 224, 384-395.	4.6	61
29	Kinetics, thermodynamics, gas evolution and empirical optimization of cattle manure combustion in air and oxy-fuel atmospheres. <i>Applied Thermal Engineering</i> , 2019, 149, 119-131.	3.0	60
30	Catalytic effects of CaO, Al ₂ O ₃ , Fe ₂ O ₃ , and red mud on <i>Pteris vittata</i> combustion: Emission, kinetic and ash conversion patterns. <i>Journal of Cleaner Production</i> , 2020, 252, 119646.	4.6	60
31	Thermogravimetric analysis of (co-)combustion of oily sludge and litchi peels: combustion characterization, interactions and kinetics. <i>Thermochimica Acta</i> , 2018, 667, 207-218.	1.2	59
32	Flue gas-to-ash desulfurization of combustion of textile dyeing sludge: Its dependency on temperature, lignocellulosic residue, and CaO. <i>Chemical Engineering Journal</i> , 2021, 417, 127906.	6.6	58
33	Coastal Flood Risk Analysis Using Landsat-7 ETM+ Imagery and SRTM DEM: A Case Study of Izmir, Turkey. <i>Environmental Monitoring and Assessment</i> , 2007, 131, 293-300.	1.3	56
34	Co-pyrolysis performances, synergistic mechanisms, and products of textile dyeing sludge and medical plastic wastes. <i>Science of the Total Environment</i> , 2021, 799, 149397.	3.9	56
35	Thermal conversion behaviors and products of spent mushroom substrate in CO ₂ and N ₂ atmospheres: Kinetic, thermodynamic, TG and Py-GC/MS analyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 177-186.	2.6	55
36	Co-combustion, life-cycle circularity, and artificial intelligence-based multi-objective optimization of two plastics and textile dyeing sludge. <i>Journal of Hazardous Materials</i> , 2022, 426, 128069.	6.5	53

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37	Assessing thermal behaviors and kinetics of (co-)combustion of textile dyeing sludge and sugarcane bagasse. <i>Applied Thermal Engineering</i> , 2018, 131, 874-883.	3.0	50
38	Kinetics, thermodynamics, gas evolution and empirical optimization of (co-)combustion performances of spent mushroom substrate and textile dyeing sludge. <i>Bioresource Technology</i> , 2019, 280, 313-324.	4.8	50
39	Bioenergy and emission characterizations of catalytic combustion and pyrolysis of litchi peels via TG-FTIR-MS and Py-GC/MS. <i>Renewable Energy</i> , 2020, 148, 1074-1093.	4.3	50
40	Combustion behaviors of <i>Pteris vittata</i> using thermogravimetric, kinetic, emission and optimization analyses. <i>Journal of Cleaner Production</i> , 2019, 237, 117772.	4.6	49
41	Pyrolysis performance, kinetic, thermodynamic, product and joint optimization analyses of incense sticks in N ₂ and CO ₂ atmospheres. <i>Renewable Energy</i> , 2019, 141, 814-827.	4.3	48
42	Oxy-fuel and air atmosphere combustions of Chinese medicine residues: Performances, mechanisms, flue gas emission, and ash properties. <i>Renewable Energy</i> , 2022, 182, 102-118.	4.3	47
43	Quantifying thermal decomposition regimes of textile dyeing sludge, pomelo peel, and their blends. <i>Renewable Energy</i> , 2018, 122, 55-64.	4.3	46
44	Torrefaction, temperature, and heating rate dependencies of pyrolysis of coffee grounds: Its performances, bio-oils, and emissions. <i>Bioresource Technology</i> , 2022, 345, 126346.	4.8	46
45	CO ₂ -assisted co-pyrolysis of textile dyeing sludge and hyperaccumulator biomass: Dynamic and comparative analyses of evolved gases, bio-oils, biochars, and reaction mechanisms. <i>Journal of Hazardous Materials</i> , 2020, 400, 123190.	6.5	45
46	Pyrolytic behaviors, kinetics, decomposition mechanisms, product distributions and joint optimization of <i>Lentinus edodes</i> stipe. <i>Energy Conversion and Management</i> , 2020, 213, 112858.	4.4	43
47	Quantifying coastal inundation vulnerability of Turkey to sea-level rise. <i>Environmental Monitoring and Assessment</i> , 2008, 138, 101-106.	1.3	41
48	Delving deeper: Metabolic processes in the metalimnion of stratified lakes. <i>Limnology and Oceanography</i> , 2017, 62, 1288-1306.	1.6	40
49	Assessing Major Ecosystem Types and the Challenge of Sustainability in Turkey. <i>Environmental Management</i> , 2000, 26, 479-489.	1.2	38
50	Deriving Vegetation Dynamics of Natural Terrestrial Ecosystems from MODIS NDVI/EVI Data over Turkey. <i>Sensors</i> , 2008, 8, 5270-5302.	2.1	37
51	Thermogravimetric and mass-spectrometric analyses of combustion of spent potlining under N ₂ /O ₂ and CO ₂ /O ₂ atmospheres. <i>Waste Management</i> , 2019, 87, 237-249.	3.7	37
52	Evaluation of reaction mechanisms and emissions of oily sludge and coal co-combustions in O ₂ /CO ₂ and O ₂ /N ₂ atmospheres. <i>Renewable Energy</i> , 2021, 171, 1327-1343.	4.3	37
53	(Co-)combustion of additives, water hyacinth and sewage sludge: Thermogravimetric, kinetic, gas and thermodynamic modeling analyses. <i>Waste Management</i> , 2018, 81, 211-219.	3.7	36
54	(Co-)pyrolytic performances and by-products of textile dyeing sludge and spent mushroom substrate. <i>Journal of Cleaner Production</i> , 2020, 261, 121195.	4.6	36

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55	Oxy-fuel co-combustion dynamics of phytoremediation biomass and textile dyeing sludge: Gas-to-ash pollution abatement. <i>Science of the Total Environment</i> , 2022, 825, 153656.	3.9	36
56	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. <i>Science of the Total Environment</i> , 2022, 819, 152923.	3.9	35
57	Emission-to-ash detoxification mechanisms of co-combustion of spent pot lining and pulverized coal. <i>Journal of Hazardous Materials</i> , 2021, 418, 126380.	6.5	33
58	Modeling Spatio-Temporal Dynamics of Optimum Tilt Angles for Solar Collectors in Turkey. <i>Sensors</i> , 2008, 8, 2913-2931.	2.1	32
59	Optimizing bioenergy and by-product outputs from durian shell pyrolysis. <i>Renewable Energy</i> , 2021, 164, 407-418.	4.3	32
60	Assessing solar radiation models using multiple variables over Turkey. <i>Climate Dynamics</i> , 2008, 31, 131-149.	1.7	31
61	The mixture of sewage sludge and biomass waste as solid biofuels: Process characteristic and environmental implication. <i>Renewable Energy</i> , 2019, 139, 707-717.	4.3	31
62	Co-pyrolytic mechanisms and products of textile dyeing sludge and durian shell in changing operational conditions. <i>Chemical Engineering Journal</i> , 2021, 420, 129711.	6.6	30
63	Torrefaction-assisted oxy-fuel co-combustion of textile dyeing sludge and bamboo residues toward enhancing emission-to-ash desulfurization in full waste circularity. <i>Fuel</i> , 2022, 318, 123603.	3.4	30
64	Changing Global Climate: Historical Carbon and Nitrogen Budgets and Projected Responses of Ohio's Cropland Ecosystems. <i>Ecosystems</i> , 2004, 7, 381.	1.6	29
65	Quantifying Carbon Budgets Of Conifer Mediterranean Forest Ecosystems, Turkey. <i>Environmental Monitoring and Assessment</i> , 2006, 119, 527-543.	1.3	29
66	Large interannual variability in net ecosystem carbon dioxide exchange of a disturbed temperate peatland. <i>Science of the Total Environment</i> , 2016, 554-555, 192-202.	3.9	27
67	Oxy-fuel and air combustion performances and gas-to-ash products of aboveground and belowground biomass of <i>Sedum alfredii</i> Hance. <i>Chemical Engineering Journal</i> , 2021, 422, 130312.	6.6	27
68	Ash-to-emission pollution controls on co-combustion of textile dyeing sludge and waste tea. <i>Science of the Total Environment</i> , 2021, 794, 148667.	3.9	27
69	Water quality time series for Big Melen stream (Turkey): its decomposition analysis and comparison to upstream. <i>Environmental Monitoring and Assessment</i> , 2010, 165, 125-136.	1.3	26
70	Response surface optimization, modeling and uncertainty analysis of mass loss response of co-combustion of sewage sludge and water hyacinth. <i>Applied Thermal Engineering</i> , 2017, 125, 328-335.	3.0	26
71	Characterizing and optimizing (co-)pyrolysis as a function of different feedstocks, atmospheres, blend ratios, and heating rates. <i>Bioresource Technology</i> , 2019, 277, 104-116.	4.8	26
72	Catalytic combustion performances, kinetics, reaction mechanisms and gas emissions of <i>Lentinus edodes</i> . <i>Bioresource Technology</i> , 2020, 300, 122630.	4.8	26

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73	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. <i>Journal of Hazardous Materials</i> , 2022, 435, 129007.	6.5	26
74	Modeling Forest Productivity Using Envisat MERIS Data. <i>Sensors</i> , 2007, 7, 2115-2127.	2.1	25
75	Uncertainty and sensitivity analyses of co-combustion/pyrolysis of textile dyeing sludge and incense sticks: Regression and machine-learning models. <i>Renewable Energy</i> , 2020, 151, 463-474.	4.3	25
76	Catalytic combustions of two bamboo residues with sludge ash, CaO, and Fe ₂ O ₃ : Bioenergy, emission and ash deposition improvements. <i>Journal of Cleaner Production</i> , 2020, 270, 122418.	4.6	25
77	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. <i>Food Chemistry</i> , 2016, 190, 634-642.	4.2	24
78	Modelling long-term C dynamics in croplands in the context of climate change: a case study from Ohio. <i>Environmental Modelling and Software</i> , 2001, 16, 361-375.	1.9	23
79	Optimizing environmental pollution controls in response to textile dyeing sludge, incineration temperature, CaO conditioner, and ash minerals. <i>Science of the Total Environment</i> , 2021, 785, 147219.	3.9	23
80	Monitoring Water Quality and Quantity of National Watersheds in Turkey. <i>Environmental Monitoring and Assessment</i> , 2007, 133, 215-229.	1.3	22
81	Implications of climate change for evaporation from bare soils in a Mediterranean environment. <i>Environmental Monitoring and Assessment</i> , 2008, 140, 123-130.	1.3	22
82	Combustion parameters, evolved gases, reaction mechanisms, and ash mineral behaviors of durian shells: A comprehensive characterization and joint-optimization. <i>Bioresource Technology</i> , 2020, 314, 123689.	4.8	22
83	Thermal behaviors of fluorine during (co-)incinerations of spent potlining and red mud: Transformation, retention, leaching and thermodynamic modeling analyses. <i>Chemosphere</i> , 2020, 249, 126204.	4.2	22
84	Developing a suitability index for land uses and agricultural land covers: A case study in Turkey. <i>Environmental Monitoring and Assessment</i> , 2005, 102, 323-335.	1.3	21
85	Performance and mechanism of bamboo residues pyrolysis: Gas emissions, by-products, and reaction kinetics. <i>Science of the Total Environment</i> , 2022, 838, 156560.	3.9	21
86	Techno-Economic Analysis of Solar Water Heating Systems in Turkey. <i>Sensors</i> , 2008, 8, 1252-1277.	2.1	20
87	Historical spatiotemporal analysis of land-use/land-cover changes and carbon budget in a temperate peatland (Turkey) using remotely sensed data. <i>Applied Geography</i> , 2011, 31, 1166-1172.	1.7	20
88	Coupled mechanisms of reaction kinetics, gas emissions, and ash mineral transformations during combustion of AlCl ₃ -conditioned textile dyeing sludge. <i>Journal of Hazardous Materials</i> , 2021, 403, 123968.	6.5	20
89	Quantifying rates and drivers of change in long-term sector- and country-specific trends of carbon dioxide-equivalent greenhouse gas emissions. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 823-831.	8.2	19
90	Turning the co-combustion synergy of textile dyeing sludge and waste biochar into emission-to-bottom slag pollution controls toward a circular economy. <i>Renewable Energy</i> , 2022, 194, 760-777.	4.3	19

#	ARTICLE	IF	CITATIONS
91	Agricultural sustainability in Turkey: integrating food, environmental and energy securities. <i>Land Degradation and Development</i> , 2002, 13, 61-67.	1.8	18
92	Assessing monthly average solar radiation models: a comparative case study in Turkey. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 251-277.	1.3	18
93	Modeling Potential Distribution and Carbon Dynamics of Natural Terrestrial Ecosystems: A Case Study of Turkey. <i>Sensors</i> , 2007, 7, 2273-2296.	2.1	17
94	Assessing neural networks with wavelet denoising and regression models in predicting diel dynamics of eddy covariance-measured latent and sensible heat fluxes and evapotranspiration. <i>Neural Computing and Applications</i> , 2014, 24, 327-337.	3.2	17
95	Monitoring diel dissolved oxygen dynamics through integrating wavelet denoising and temporal neural networks. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1583-1591.	1.3	17
96	Statistical Modeling of Spatio-Temporal Variability in Monthly Average Daily Solar Radiation over Turkey. <i>Sensors</i> , 2007, 7, 2763-2778.	2.1	16
97	Spatial viability analysis of grid-connected photovoltaic power systems for Turkey. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 56, 270-278.	3.3	16
98	Dynamic insights into combustion drivers and responses of water hyacinth: Evolved gas and ash analyses. <i>Journal of Cleaner Production</i> , 2020, 276, 124156.	4.6	16
99	Reaction mechanisms and product patterns of <i>Pteris vittata</i> pyrolysis for cleaner energy. <i>Renewable Energy</i> , 2021, 167, 600-612.	4.3	16
100	Quantifying spatio-temporal dynamics of solar radiation exergy over Turkey. <i>Renewable Energy</i> , 2010, 35, 2821-2828.	4.3	15
101	Monitoring and validating spatio-temporal dynamics of biogeochemical properties in Mersin Bay (Turkey) using Landsat ETM+. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 457-464.	1.3	14
102	Regression model-based predictions of diel, diurnal and nocturnal dissolved oxygen dynamics after wavelet denoising of noisy time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 404, 8-15.	1.2	14
103	Water-soluble fluorine detoxification mechanisms of spent potlining incineration in response to calcium compounds. <i>Environmental Pollution</i> , 2020, 266, 115420.	3.7	14
104	Dynamic pyrolytic reaction mechanisms, pathways, and products of medical masks and infusion tubes. <i>Science of the Total Environment</i> , 2022, 842, 156710.	3.9	14
105	Quantifying spatial patterns of bioclimatic zones and controls in Turkey. <i>Theoretical and Applied Climatology</i> , 2008, 91, 35-50.	1.3	13
106	Boosted decision tree classifications of land cover over Turkey integrating MODIS, climate and topographic data. <i>International Journal of Remote Sensing</i> , 2011, 32, 3461-3483.	1.3	13
107	Satellite-based and mesoscale regression modeling of monthly air and soil temperatures over complex terrain in Turkey. <i>Expert Systems With Applications</i> , 2012, 39, 2059-2066.	4.4	13
108	Multiple drivers, interaction effects, and trade-offs of efficient and cleaner combustion of torrefied water hyacinth. <i>Science of the Total Environment</i> , 2021, 786, 147278.	3.9	13

#	ARTICLE	IF	CITATIONS
109	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. <i>Biological Agriculture and Horticulture</i> , 2004, 22, 173-183.	0.5	12
110	Spatial and temporal variations in diurnal CO ₂ fluxes of different Mediterranean ecosystems in Turkey. <i>Journal of Environmental Monitoring</i> , 2005, 7, 151-157.	2.1	12
111	Quantifying long-term changes in water quality and quantity of Euphrates and Tigris rivers, Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 475-490.	1.3	12
112	An inventory-based carbon budget for forest and woodland ecosystems of Turkey. <i>Journal of Environmental Monitoring</i> , 2004, 6, 26.	2.1	11
113	Quantifying soil respiration in response to short-term tillage practices: a case study in southern Turkey. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2009, 59, 50-56.	0.3	11
114	Predicting Diel, Diurnal and Nocturnal Dynamics of Dissolved Oxygen and Chlorophyll <i>a</i> Using Regression Models and Neural Networks. <i>Clean - Soil, Air, Water</i> , 2013, 41, 872-877.	0.7	11
115	Quantifying biosphere-atmosphere exchange of CO ₂ using eddy covariance, wavelet denoising, neural networks, and multiple regression models. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 1-8.	1.9	9
116	Spatiotemporal modeling of saturated dissolved oxygen through regressions after wavelet denoising of remotely and proximally sensed data. <i>Earth Science Informatics</i> , 2015, 8, 247-254.	1.6	9
117	Thermodynamic behaviors of Cu in interaction with chlorine, sulfur, phosphorus and minerals during sewage sludge co-incineration. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1160-1170.	1.7	9
118	Parametric assessment of stochastic variability in co-combustion of textile dyeing sludge and shaddock peel. <i>Waste Management</i> , 2019, 96, 128-135.	3.7	9
119	Arsenic Partitioning Behavior During Sludge Co-combustion: Thermodynamic Equilibrium Simulation. <i>Waste and Biomass Valorization</i> , 2019, 10, 2297-2307.	1.8	9
120	Falling Dynamics of SARS-CoV-2 as a Function of Respiratory Droplet Size and Human Height. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 880-886.	1.0	9
121	Technical and environmental feasibility of gas-solid decontamination by oxygen-enriched co-combustion of textile dyeing sludge and durian shell. <i>Journal of Cleaner Production</i> , 2022, 360, 131967.	4.6	9
122	Modeling above-ground litterfall in eastern Mediterranean conifer forests using fractional tree cover, and remotely sensed and ground data. <i>Applied Vegetation Science</i> , 2010, 13, 485-497.	0.9	8
123	Assessing CO ₂ sink/source strength of a degraded temperate peatland: atmospheric and hydrological drivers and responses to extreme events. <i>Ecohydrology</i> , 2015, 8, 1429-1445.	1.1	8
124	Spatiotemporal modeling of watershed nutrient transport dynamics: Implications for eutrophication abatement. <i>Ecological Informatics</i> , 2016, 34, 52-69.	2.3	8
125	Compositing climate change vulnerability of a Mediterranean region using spatiotemporally dynamic proxies for ecological and socioeconomic impacts and stabilities. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 29.	1.3	8
126	Using Eddy Covariance Sensors to Quantify Carbon Metabolism of Peatlands: A Case Study in Turkey. <i>Sensors</i> , 2011, 11, 522-538.	2.1	7

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127	Thermochemical behavior of textile dyeing sludge, paper mill sludge, and their blends during (co-)combustion. <i>Thermochimica Acta</i> , 2017, 655, 101-105.	1.2	7
128	Modeling and Validating Long-Term Dynamics of Diel Dissolved Oxygen with Particular Reference to pH in a Temperate Shallow Lake (Turkey). <i>Clean - Soil, Air, Water</i> , 2011, 39, 966-971.	0.7	6
129	Multivariate analysis of watershed health and sustainability in Turkey. <i>International Journal of Sustainable Development and World Ecology</i> , 2008, 15, 265-272.	3.2	5
130	Modeling Net Ecosystem Carbon Dioxide Exchange Using Temporal Neural Networks after Wavelet Denoising. <i>Geographical Analysis</i> , 2014, 46, 37-52.	1.9	5
131	Thermodynamic equilibrium predictions of zinc volatilization, migration, and transformation during sludge co-incineration. <i>Water Environment Research</i> , 2019, 91, 208-221.	1.3	5
132	Monitoring spatiotemporal variations of diel radon concentrations in peatland and forest ecosystems based on neural network and regression models. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 5577-5583.	1.3	4
133	How Do Different Locations, Floors and Aspects Influence Indoor Radon Concentrations? An Empirical Study Using Neural Networks for a University Campus in Northwestern Turkey. <i>Indoor and Built Environment</i> , 2013, 22, 650-658.	1.5	4
134	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. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 179.	1.3	4
135	Long-term spatiotemporal patterns of CH ₄ and N ₂ O emissions from livestock and poultry production in Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 167, 545-558.	1.3	3
136	Quantifying Environmental Flow Requirement Towards Watershed Sustainability. <i>Asian Journal of Chemistry</i> , 2013, 25, 2622-2626.	0.1	3
137	Thermodynamic Equilibrium Simulations of Thallium Distributions in Interactions with Chlorine, Sulfur, Phosphorus, and Minerals During Sludge Co-combustion. <i>Waste and Biomass Valorization</i> , 2020, 11, 1251-1259.	1.8	3
138	Modeling Impacts of Land Uses on Carbon and Nitrogen Contents, Carbon Dioxide and Water Effluxes of Mediterranean Soils. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1479-1487.	0.6	3
139	NOVEL USES OF RED MUD IN TEXTILE WASTEWATER TREATMENT, DYEING, AND CONCRETE PRODUCTION. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 1171-1181.	0.2	3
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