# Fatih Evrendilek

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Assessing the potential of renewable energy sources in Turkey. Renewable Energy, 2003, 28, 2303-2315. | 8.9 | 114 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Dynamic pyrolysis behaviors, products, and mechanisms of waste rubber and polyurethane bicycle tires. Journal of Hazardous Materials, 2021, 402, 123516. | 12.4 | 90 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. Sensors, 2011, 11, 7954-7981. | 3.8 | 76 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. Journal of Hazardous Materials, 2021, 401, 123276. | 12.4 | 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. Bioresource Technology, 2018, 255, 88-95. | 9.6 | 69 |
| 21 | Combustions of torrefaction-pretreated bamboo forest residues: Physicochemical properties, evolved gases, and kinetic mechanisms. Bioresource Technology, 2020, 304, 122960. | 9.6 | 69 |
| 22 | Ground-Based Optical Measurements at European Flux Sites: A Review of Methods, Instruments and Current Controversies. Sensors, 2011, 11, 7954-7981. | 3.8 | 67 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | (Co-)combustion behaviors and products of spent potlining and textile dyeing sludge. Journal of Cleaner Production, 2019, 224, 384-395. | 9.3 | 61 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Combustion behaviors of Pteris vittata using thermogravimetric, kinetic, emission and optimization analyses. Journal of Cleaner Production, 2019, 237, 117772. | 9.3 | 49 |
| 41 | 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 |
| 42 | 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 |
| 43 | Quantifying thermal decomposition regimes of textile dyeing sludge, pomelo peel, and their blends. Renewable Energy, 2018, 122, 55-64. | 8.9 | 46 |
| 44 | 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 |
| 45 | 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 |
| 46 | Pyrolytic behaviors, kinetics, decomposition mechanisms, product distributions and joint optimization of Lentinus edodes stipe. Energy Conversion and Management, 2020, 213, 112858. | 9.2 | 43 |
| 47 | Quantifying coastal inundation vulnerability of Turkey to sea-level rise. Environmental Monitoring and Assessment, 2008, 138, 101-106. | 2.7 | 41 |
| 48 | Delving deeper: Metabolic processes in the metalimnion of stratified lakes. Limnology and Oceanography, 2017, 62, 1288-1306. | 3.1 | 40 |
| 49 | Assessing Major Ecosystem Types and the Challenge of Sustainability in Turkey. Environmental Management, 2000, 26, 479-489. | 2.7 | 38 |
| 50 | Deriving Vegetation Dynamics of Natural Terrestrial Ecosystems from MODIS NDVI/EVI Data over Turkey. Sensors, 2008, 8, 5270-5302. | 3.8 | 37 |
| 51 | 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 |
| 52 | 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 |
| 53 | (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 |
| 54 | (Co-)pyrolytic performances and by-products of textile dyeing sludge and spent mushroom substrate. Journal of Cleaner Production, 2020, 261, 121195. | 9.3 | 36 |

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| 55 | 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 |
| 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. Science of the Total Environment, 2022, 819, 152923. | 8.0 | 35 |
| 57 | 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 |
| 58 | Modeling Spatio-Temporal Dynamics of Optimum Tilt Angles for Solar Collectors in Turkey. Sensors, 2008, 8, 2913-2931. | 3.8 | 32 |
| 59 | Optimizing bioenergy and by-product outputs from durian shell pyrolysis. Renewable Energy, 2021, 164, 407-418. | 8.9 | 32 |
| 60 | Assessing solar radiation models using multiple variables over Turkey. Climate Dynamics, 2008, 31, 131-149. | 3.8 | 31 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | Changing Global Climate: Historical Carbon and Nitrogen Budgets and Projected Responses of Ohio?s Cropland Ecosystems. Ecosystems, 2004, 7, 381. | 3.4 | 29 |
| 65 | Quantifying Carbon Budgets Of Conifer Mediterranean Forest Ecosystems, Turkey. Environmental Monitoring and Assessment, 2006, 119, 527-543. | 2.7 | 29 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | Catalytic combustion performances, kinetics, reaction mechanisms and gas emissions of Lentinus edodes. Bioresource Technology, 2020, 300, 122630. | 9.6 | 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. Journal of Hazardous Materials, 2022, 435, 129007. | 12.4 | 26 |
| 74 | Modeling Forest Productivity Using Envisat MERIS Data. Sensors, 2007, 7, 2115-2127. | 3.8 | 25 |
| 75 | 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 |
| 76 | 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 |
| 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. Food Chemistry, 2016, 190, 634-642. | 8.2 | 24 |
| 78 | 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 |
| 79 | 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 |
| 80 | Monitoring Water Quality and Quantity of National Watersheds in Turkey. Environmental Monitoring and Assessment, 2007, 133, 215-229. | 2.7 | 22 |
| 81 | Implications of climate change for evaporation from bare soils in a Mediterranean environment. Environmental Monitoring and Assessment, 2008, 140, 123-130. | 2.7 | 22 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | Techno-Economic Analysis of Solar Water Heating Systems inTurkey. Sensors, 2008, 8, 1252-1277. | 3.8 | 20 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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| 91 | Agricultural sustainability in Turkey: integrating food, environmental and energy securities. Land Degradation and Development, 2002, 13, 61-67. | 3.9 | 18 |
| 92 | Assessing monthly average solar radiation models: a comparative case study in Turkey. Environmental Monitoring and Assessment, 2011, 175, 251-277. | 2.7 | 18 |
| 93 | Modeling Potential Distribution and Carbon Dynamics of Natural Terrestrial Ecosystems: A Case Study of Turkey. Sensors, 2007, 7, 2273-2296. | 3.8 | 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. Neural Computing and Applications, 2014, 24, 327-337. | 5.6 | 17 |
| 95 | Monitoring diel dissolved oxygen dynamics through integrating wavelet denoising and temporal neural networks. Environmental Monitoring and Assessment, 2014, 186, 1583-1591. | 2.7 | 17 |
| 96 | Statistical Modeling of Spatio-Temporal Variability in Monthly Average Daily Solar Radiation over Turkey. Sensors, 2007, 7, 2763-2778. | 3.8 | 16 |
| 97 | 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 |
| 98 | 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 |
| 99 | Reaction mechanisms and product patterns of Pteris vittata pyrolysis for cleaner energy. Renewable Energy, 2021, 167, 600-612. | 8.9 | 16 |
| 100 | Quantifying spatio-temporal dynamics of solar radiation exergy over Turkey. Renewable Energy, 2010, 35, 2821-2828. | 8.9 | 15 |
| 101 | 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 |
| 102 | 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 |
| 103 | Water-soluble fluorine detoxification mechanisms of spent potlining incineration in response to calcium compounds. Environmental Pollution, 2020, 266, 115420. | 7.5 | 14 |
| 104 | Dynamic pyrolytic reaction mechanisms, pathways, and products of medical masks and infusion tubes. Science of the Total Environment, 2022, 842, 156710. | 8.0 | 14 |
| 105 | Quantifying spatial patterns of bioclimatic zones and controls in Turkey. Theoretical and Applied Climatology, 2008, 91, 35-50. | 2.8 | 13 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

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|---|---|---|---|
| 109 | Yield and Fruit Quality of Watermelon (Citrullus lanatus(Thumb.) Matsum. & Nakai.) and Melon (Cucumis meloL.) under Protected Organic and Conventional Farming Systems in a Mediterranean Region of Turkey. Biological Agriculture and Horticulture, 2004, 22, 173-183. | 1.0 | 12 |
| 110 | Spatial and temporal variations in diurnal CO2fluxes of different Mediterranean ecosystems in Turkey. Journal of Environmental Monitoring, 2005, 7, 151-157. | 2.1 | 12 |
| 111 | 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 |
| 112 | An inventory-based carbon budget for forest and woodland ecosystems of Turkey. Journal of Environmental Monitoring, 2004, 6, 26. | 2.1 | 11 |
| 113 | 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 |
| 114 | Predicting Diel, Diurnal and Nocturnal Dynamics of Dissolved Oxygen and Chlorophyllâ€a Using Regression Models and Neural Networks. Clean - Soil, Air, Water, 2013, 41, 872-877. | 1.1 | 11 |
| 115 | Quantifying biosphereâ€“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 |
| 116 | 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 |
| 117 | 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 |
| 118 | Parametric assessment of stochastic variability in co-combustion of textile dyeing sludge and shaddock peel. Waste Management, 2019, 96, 128-135. | 7.4 | 9 |
| 119 | Arsenic Partitioning Behavior During Sludge Co-combustion: Thermodynamic Equilibrium Simulation. Waste and Biomass Valorization, 2019, 10, 2297-2307. | 3.4 | 9 |
| 120 | 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 |
| 121 | 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 |
| 122 | Modeling aboveâ€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 |
| 123 | Assessing CO<sub>2</sub> 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 |
| 124 | Spatiotemporal modeling of watershed nutrient transport dynamics: Implications for eutrophication abatement. Ecological Informatics, 2016, 34, 52-69. | 5.2 | 8 |
| 125 | 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 |
| 126 | Using Eddy Covariance Sensors to Quantify Carbon Metabolism of Peatlands: A Case Study in Turkey. Sensors, 2011, 11, 522-538. | 3.8 | 7 |

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| 127 | Thermochemical behaviorsof textile dying sludge, paper mill sludge, and their blends during (co-)combustion. Thermochimica Acta, 2017, 655, 101-105. | 2.7 | 7 |
| 128 | Modeling and Validating Longâ€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 |
| 129 | Multivariate analysis of watershed health and sustainability in Turkey. International Journal of Sustainable Development and World Ecology, 2008, 15, 265-272. | 5.9 | 5 |
| 130 | Modeling Net Ecosystem Carbon Dioxide Exchange Using Temporal Neural Networks after Wavelet Denoising. Geographical Analysis, 2014, 46, 37-52. | 3.5 | 5 |
| 131 | Thermodynamic equilibrium predictions of zinc volatilization, migration, and transformation during sludge coâ€incineration. Water Environment Research, 2019, 91, 208-221. | 2.7 | 5 |
| 132 | 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 |
| 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. Indoor and Built Environment, 2013, 22, 650-658. | 2.8 | 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. Environmental Monitoring and Assessment, 2015, 187, 179. | 2.7 | 4 |
| 135 | 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 |
| 136 | Quantifying Environmental Flow Requirement Towards Watershed Sustainability. Asian Journal of Chemistry, 2013, 25, 2622-2626. | 0.3 | 3 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Data-driven simulations of flank wear of coated cutting tools in hard turning. Mechanika, 2016, 21, . | 0.5 | 3 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
| 144 | Utilizing aluminum etching wastewater for tannery wastewater coagulation: performance and feasibility. Desalination and Water Treatment, 2016, 57, 2413-2421. | 1.0 | 2 |

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| 145 | 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 |
| 146 | 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 |
| 147 | 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 |
| 148 | Ultrasoundâ€“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 |
| 149 | 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 |
| 150 | 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 |
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