

Elcin Kentel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5973543/publications.pdf>

Version: 2024-02-01

35
papers

1,276
citations

471061

17
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

1364
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-based environmental assessment of wind energy systems for spatial planning: A case study from Western Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 364-373.	8.2	262
2	GIS-based site selection methodology for hybrid renewable energy systems: A case study from western Turkey. <i>Energy Conversion and Management</i> , 2013, 70, 90-106.	4.4	240
3	Renewable energy potential as an alternative to fossil fuels in Turkey. <i>Energy Conversion and Management</i> , 1999, 40, 743-755.	4.4	109
4	Probabilistic-fuzzy health risk modeling. <i>Stochastic Environmental Research and Risk Assessment</i> , 2004, 18, 324-338.	1.9	102
5	2D Monte Carlo versus 2D Fuzzy Monte Carlo health risk assessment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2005, 19, 86-96.	1.9	82
6	Municipal solid waste management with cost minimization and emission control objectives: A case study of Ankara. <i>Sustainable Cities and Society</i> , 2020, 52, 101807.	5.1	75
7	Hydropower in Turkey: Economical, social and environmental aspects and legal challenges. <i>Environmental Science and Policy</i> , 2013, 31, 34-43.	2.4	40
8	A fuzzy logic tool to evaluate low-head hydropower technologies at the outlet of wastewater treatment plants. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 727-737.	8.2	36
9	Estimation of river flow by artificial neural networks and identification of input vectors susceptible to producing unreliable flow estimates. <i>Journal of Hydrology</i> , 2009, 375, 481-488.	2.3	32
10	Risk tolerance measure for decision-making in fuzzy analysis: a health risk assessment perspective. <i>Stochastic Environmental Research and Risk Assessment</i> , 2007, 21, 405-417.	1.9	26
11	An integrated map correlation method and multiple-source sites drainage-area ratio method for estimating streamflows at ungauged catchments: A case study of the Western Black Sea Region, Turkey. <i>Journal of Environmental Management</i> , 2016, 166, 309-320.	3.8	26
12	Genetic Algorithm for Constrained Optimization Models and Its Application in Groundwater Resources Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2008, 134, 64-72.	1.3	25
13	Evaluation of the best management practices in a semi-arid region with high agricultural activity. <i>Agricultural Water Management</i> , 2017, 194, 160-171.	2.4	24
14	Quantifying the revenue gain of operating a cascade hydropower plant system as a pumped-storage hydropower system. <i>Renewable Energy</i> , 2019, 139, 739-752.	4.3	24
15	Fuzzy Multiobjective Decision-Making Approach for Groundwater Resources Management. <i>Journal of Hydrologic Engineering - ASCE</i> , 2007, 12, 206-217.	0.8	23
16	Identification of the Best Booster Station Network for a Water Distribution System. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015, 141, .	1.3	19
17	Evaluation of Heavy Metals and Associated Health Risks in a Metropolitan Wastewater Treatment Plant's Sludge for Its Land Application. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 1631-1643.	1.7	19
18	Determination of unit nutrient loads for different land uses in wet periods through modelling and optimization for a semi-arid region. <i>Journal of Hydrology</i> , 2016, 540, 40-49.	2.3	17

#	ARTICLE	IF	CITATIONS
19	Operating policies for energy generation and revenue management in single-reservoir hydropower systems. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 1253-1261.	8.2	16
20	Probabilistic Evaluation of the Effects of Uncertainty in Transient Seepage Parameters. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017, 143, .	1.5	13
21	Tsunami risk assessment: economic, environmental and social dimensions. <i>Natural Hazards</i> , 2020, 104, 1413-1442.	1.6	11
22	A pollution fate and transport model application in a semi-arid region: Is some number better than no number?. <i>Science of the Total Environment</i> , 2017, 595, 425-440.	3.9	10
23	Climate Change Risk Evaluation of Tsunami Hazards in the Eastern Mediterranean Sea. <i>Water (Switzerland)</i> , 2020, 12, 2881.	1.2	9
24	Challenges in Development and Implementation of Healthâ€Riskâ€Based Soil Quality Guidelines: Turkey's Experience. <i>Risk Analysis</i> , 2011, 31, 657-667.	1.5	8
25	Optimum daily operation of a wind-hydro hybrid system. <i>Journal of Energy Storage</i> , 2022, 50, 104540.	3.9	8
26	Alternative solutions for long missing streamflow data for sustainable water resources management. <i>International Journal of Water Resources Development</i> , 2021, 37, 882-905.	1.2	7
27	Superensembles of raw and biasâ€adjusted regional climate models for Mediterranean region, Turkey. <i>International Journal of Climatology</i> , 2022, 42, 2566-2585.	1.5	3
28	Determination of Rainfall â€“ Runoff Relationship in Yenicegoruce Basin with HEC-HMS Hydrologic Model. <i>Pamukkale University Journal of Engineering Sciences</i> , 2019, 25, 949-955.	0.2	3
29	Changes in precipitation climatology for the Eastern Mediterranean using CORDEX RCMs, NHRCM and MRI-AGCM. <i>Atmospheric Research</i> , 2022, 272, 106140.	1.8	3
30	A comparative study on energy income estimation: A case study in Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 38, 700-705.	8.2	2
31	DoÄŸu Akdeniz'deki Tsunamijenik Depremlerin Sosyal Risklerinin Monte Carlo YÄŸntemi DeÄŸerlendirmesi. <i>Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers</i> , 0, , .	0.5	1
32	A GIS Tool to Estimate Flow at Ungaged Basins Using the Map Correlation Method. <i>Lecture Notes in Computer Science</i> , 2017, , 377-391.	1.0	1
33	Spatial Distribution of Groundwater Availability for Various Pumping Scenarios in Savannah Region. , 2006, , 1.		0
34	Ensemble Precipitation Estimation Using a Fuzzy Rule-Based Model. <i>Engineering Proceedings</i> , 2021, 5, 48.	0.4	0
35	Integrated Watershed Management for Lake Mogan with the focus of Agricultural Diffuse Pollution. <i>Proceedings of the Water Environment Federation</i> , 2015, 2015, 4179-4189.	0.0	0