Serhat Kucukali

List of Publications by Year
in descending order

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		759233	713466
23	700	12	21
papers	citations	h-index	g-index

23	23	23	711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Turkeyâ€™s short-term gross annual electricity demand forecast by fuzzy logic approach. Energy Policy, 2010, 38, 2438-2445.	8.8	135
2	Availibility of renewable energy sources in Turkey: Current situation, potential, government policies and the EU perspective. Energy Policy, 2012, 42, 377-391.	8.8	107
3	Finding the most suitable existing hydropower reservoirs for the development of pumped-storage schemes: An integrated approach. Renewable and Sustainable Energy Reviews, 2014, 37, 502-508.	16.4	71
4	Assessment of small hydropower (SHP) development in Turkey: Laws, regulations and EU policy perspective. Energy Policy, 2009, 37, 3872-3879.	8.8	68
5	Turbulence measurements in the bubbly flow region of hydraulic jumps. Experimental Thermal and Fluid Science, 2008, 33, 41-53.	2.7	59
6	Risk assessment of river-type hydropower plants using fuzzy logic approach. Energy Policy, 2011, 39, 6683-6688.	8.8	45
7	A fuzzy logic tool to evaluate low-head hydropower technologies at the outlet of wastewater treatment plants. Renewable and Sustainable Energy Reviews, 2017, 68, 727-737.	16.4	36
8	Wind energy resource assessment of Izmit in the West Black Sea Coastal Region of Turkey. Renewable and Sustainable Energy Reviews, 2014, 30, 790-795.	16.4	33
9	Environmental risk assessment of small hydropower (SHP) plants: A case study for Tefen SHP plant on Filyos River. Energy for Sustainable Development, 2014, 19, 102-110.	4.5	32
10	Risk scorecard concept in wind energy projects: An integrated approach. Renewable and Sustainable Energy Reviews, 2016, 56, 975-987.	16.4	28
11	Municipal water supply dams as a source of small hydropower in Turkey. Renewable Energy, 2010, 35, 2001-2007.	8.9	24
12	Hydropower potential of municipal water supply dams in Turkey: A case study in Ulutan Dam. Energy Policy, 2010, 38, 6534-6539.	8.8	18
13	Ecological impact scorecard of small hydropower plants in operation: An integrated approach. Renewable Energy, 2020, 162, 1605-1617.	8.9	10
14	An analysis on the relationship between safety awareness and safety behaviors of healthcare professionals, Ankara/Turkey. Journal of Occupational Health, 2020, 62, e12129.	2.1	10
15	Boulder-flow interaction associated with self-aeration process. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 415-419.	1.7	7
16	Flow structure and fish passage performance of a brush-type fish way: a field study in the Ä°yidere River, Turkey. Marine and Freshwater Research, 2019, 70, 1619.	1.3	5
17	Finding the most suitable existing irrigation dams for small hydropower development in Turkey: A GIS-Fuzzy logic tool. Renewable Energy, 2021, 172, 633-650.	8.9	5
18	Comments on â€œEnergy demand estimation of South Korea using artificial neural networkâ€•by Zong Woo Geem and William E. Roper. Energy Policy, 2010, 38, 6379-6380.	8.8	3

#	Article	IF	Citations
19	Comments on â€œA quadratic helix approach to evaluate the Turkish renewable energiesâ€•by Melih Soner Celiktas and Gunnur Kocar. Energy Policy, 2010, 38, 2063-2064.	8.8	2
20	Discussion of â€œEnergy Dissipation on Reinforced Block Rampsâ€•by S. Pagliara and P. Chiavaccini. Journal of Irrigation and Drainage Engineering - ASCE, 2007, 133, 289-289.	1.0	1
21	Effect of particle size on flip bucket scour. Canadian Journal of Civil Engineering, 2016, 43, 759-768.	1.3	1
22	Adaptive decision fusion based framework for short-term wind speed and turbulence intensity forecasting: case study for North West of Turkey. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 2770-2783.	1.4	0
23	An integrated environmental risk assessment framework for coalâ€fired power plants: A fuzzy logic approach. Risk Analysis, 2023, 43, 530-547.	2.7	0