Utkucan Sahin

List of Publications by Year
in descending order

13 papers	**393** citations	1162367 **8** h-index	1199166 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**347** citing authors

#	Article	IF	Citations
1	Forecasting the cumulative number of confirmed cases of COVID-19 in Italy, UK and USA using fractional nonlinear grey Bernoulli model. Chaos, Solitons and Fractals, 2020, 138, 109948.	2.5	68
2	Projections of Turkey's electricity generation and installed capacity from total renewable and hydro energy using fractional nonlinear grey Bernoulli model and its reduced forms. Sustainable Production and Consumption, 2020, 23, 52-62.	5.7	65
3	Forecasting of Turkey's greenhouse gas emissions using linear and nonlinear rolling metabolic grey model based on optimization. Journal of Cleaner Production, 2019, 239, 118079.	4.6	63
4	Future of renewable energy consumption in France, Germany, Italy, Spain, Turkey and UK by 2030 using optimized fractional nonlinear grey Bernoulli model. Sustainable Production and Consumption, 2021, 25, 1-14.	5.7	61
5	Forecasting seasonal electricity generation in European countries under Covid-19-induced lockdown using fractional grey prediction models and machine learning methods. Applied Energy, 2021, 302, 117540.	5.1	50
6	Effects of pulsed vacuum osmotic dehydration (PVOD) on drying kinetics of figs (Ficus carica L). Innovative Food Science and Emerging Technologies, 2016, 36, 104-111.	2.7	38
7	Comparison between Artificial Neural Network model and mathematical models for drying kinetics of osmotically dehydrated and fresh figs under open sun drying. Journal of Food Process Engineering, 2018, 41, e12804.	1.5	22
8	Forecasting of Turkey's electricity generation and CO_2 emissions in estimating capacity factor. Environmental Progress and Sustainable Energy, 2019, 38, 56-65.	1.3	14
9	FORECASTING OF TURKEY's ELECTRICITY GENERATION AND CONSUMPTION WITH GREY PREDICTION METHOD. MuÄŸla Journal of Science and Technology, 2018, 4, 205-209.	0.1	7
10	A new non-iterative friction factor correlation for heat transfer fluids in absorber tube of parabolic trough collector. Engineering Science and Technology, an International Journal, 2018, 21, 89-98.	2.0	3
11	Corrigendum to "A new non-iterative friction factor correlation for heat transfer fluids in absorber tube of parabolic trough collector"[Eng. Sci. Technol. Int. J. 21(1) (2018), 89–98]. Engineering Science and Technology, an International Journal, 2019, 22, 1199.	2.0	1
12	Ã–NÄ°ÅžLEM UYGULANMIÅž VE UYGULANMAMIÅž Ä°NCÄ°RLERÄ°N (Ficus carica L.) KURUTMA KÄ°NETÄ°ÄžÄ°NÄ°N DENEYSEL Ä°NCELENMESÄ°. MuÄŸla Journal of Science and Technology, 2016, 2, 20-20.	0.1	1
13	TÃ¼rkiye Elektrik Enerjisi Ã–retiminde KullanÄ±lan Yenilenebilir Enerji KaynaklarÄ±nÄ±n SÃ¼rdÃ¼rÃ¼lebilirliÄŸinin DeÄŸerlendirilmesinde Analitik AÄŸ SÃ¼reci (AAS) YÃ¶ntemi Ä°le Fayda, FÄ±rsat, Maliyet ve Risk (FFMR) Analizinin KullanÄ±lmasÄ±. Cumhuriyet Ãœniversitesi Fen FakÃ¼ltesi Fen Bilimleri Dergisi, 2016, 37, 180.	0.1	0