Serdar Ã–zyÃ–n

List of Publications by Year
in descending order

17 papers	531 citations	1163117 8 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	493 citing authors

#	ARTICLE	IF	CITATIONS
1	A modified incremental gravitational search algorithm for short-term hydrothermal scheduling with variable head. Engineering Applications of Artificial Intelligence, 2020, 95, 103845.	8.1	8
2	The design of multiple feedback topology Chebyshev low-pass active filter with average differential evolution algorithm. Neural Computing and Applications, 2020, 32, 17097-17113.	5.6	4
3	Optimal short-term operation of pumped-storage power plants with differential evolution algorithm. Energy, 2020, 194, 116866.	8.8	22
4	Incremental gravitational search algorithm for high-dimensional benchmark functions. Neural Computing and Applications, 2019, 31, 3779-3803.	5.6	11
5	Gravitational search algorithm applied to fixed head hydrothermal power system with transmission line security constraints. Energy, 2018, 155, 392-407.	8.8	7
6	Parçalı yakıt maliyeti fonksiyonlarına sahip çevresel ekonomik güç dağıtımı problemlerinin çözümüne yeni bir yaklaşım. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	0
7	Artificial bee colony framework to non-convex economic dispatch problem with valve point effects. , 2017, , .		4
8	Opposition-based gravitational search algorithm applied to economic power dispatch problems consisting of thermal units with emission constraints. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 2278-2288.	1.4	10
9	Artificial bee colony algorithm with dynamic population size to combined economic and emission dispatch problem. International Journal of Electrical Power and Energy Systems, 2014, 54, 144-153.	5.5	142
10	Solution to non-convex economic dispatch problem with valve point effects by incremental artificial bee colony with local search. Applied Soft Computing Journal, 2013, 13, 2456-2466.	7.2	54
11	Incremental artificial bee colony with local search to economic dispatch problem with ramp rate limits and prohibited operating zones. Energy Conversion and Management, 2013, 65, 397-407.	9.2	76
12	IIR filter design using incremental artificial bee colony with powell's CDS. , 2012, , .		2
13	Charged system search algorithm for emission constrained economic power dispatch problem. Energy, 2012, 46, 420-430.	8.8	66
14	The application of artificial bee colony algorithm for the economic power dispatch with prohibited operating zone. , 2012, , .		2
15	Solution to scalarized environmental economic power dispatch problem by using genetic algorithm. International Journal of Electrical Power and Energy Systems, 2012, 38, 54-62.	5.5	52
16	A new hybrid approach for nonconvex economic dispatch problem with valve-point effect. Energy, 2011, 36, 5838-5845.	8.8	68
17	Yenilenebilir Enerji Üretim Birimleri İçeren Çevresel-Ekonomik Güç Dağıtımı Probleminin Yüklü Sistem Arama Algoritması ile çözümü. European Journal of Science and Technology, 0, , 81-90.	0.5	2