

# Cem Iyigun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3757827/publications.pdf>

Version: 2024-02-01

32  
papers

610  
citations

686830

13  
h-index

610482

24  
g-index

35  
all docs

35  
docs citations

35  
times ranked

691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of missing value imputation methods in time series: the case of Turkish meteorological data. <i>Theoretical and Applied Climatology</i> , 2013, 112, 143-167.	1.3	131
2	Clustering current climate regions of Turkey by using a multivariate statistical method. <i>Theoretical and Applied Climatology</i> , 2013, 114, 95-106.	1.3	94
3	Probabilistic D-Clustering. <i>Journal of Classification</i> , 2008, 25, 5-26.	1.2	48
4	A generalized Weiszfeld method for the multi-facility location problem. <i>Operations Research Letters</i> , 2010, 38, 207-214.	0.5	44
5	A genetic algorithm for the uncapacitated single allocation planar hub location problem. <i>Computers and Operations Research</i> , 2015, 62, 224-236.	2.4	34
6	Clustering-Based Methodology for Determining Optimal Roadway Configuration of Detectors for Travel Time Estimation. <i>Transportation Research Record</i> , 2007, 2000, 98-105.	1.0	31
7	Has the climate been changing in Turkey? Regional climate change signals based on a comparative statistical analysis of two consecutive time periods, 1950-1980 and 1981-2010. <i>Climate Research</i> , 2016, 70, 77-93.	0.4	25
8	Heuristics for a continuous multi-facility location problem with demand regions. <i>Computers and Operations Research</i> , 2015, 62, 237-256.	2.4	22
9	PROBABILISTIC DISTANCE CLUSTERING ADJUSTED FOR CLUSTER SIZE. <i>Probability in the Engineering and Informational Sciences</i> , 2008, 22, 603-621.	0.6	20
10	A column generation approach for the location-routing problem with time windows. <i>Computers and Operations Research</i> , 2018, 90, 249-263.	2.4	20
11	Early warning on stock market bubbles via methods of optimization, clustering and inverse problems. <i>Annals of Operations Research</i> , 2018, 260, 293-320.	2.6	18
12	Locating emergency vehicles with an approximate queuing model and a meta-heuristic solution approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 90, 134-155.	3.9	15
13	Temporal clustering of time series via threshold autoregressive models: application to commodity prices. <i>Annals of Operations Research</i> , 2018, 260, 51-77.	2.6	15
14	A healthcare facility location problem for a multi-disease, multi-service environment under risk aversion. <i>Socio-Economic Planning Sciences</i> , 2020, 71, 100755.	2.5	14
15	Probabilistic programming models for traffic incident management operations planning. <i>Annals of Operations Research</i> , 2013, 203, 389-406.	2.6	13
16	Restructuring forward step of MARS algorithm using a new knot selection procedure based on a mapping approach. <i>Journal of Global Optimization</i> , 2014, 60, 79-102.	1.1	10
17	A probabilistic multiple criteria sorting approach based on distance functions. <i>Expert Systems With Applications</i> , 2015, 42, 3610-3618.	4.4	8
18	Modeling of Bus Transit Driver Availability for Effective Emergency Evacuation in Disaster Relief. <i>Transportation Research Record</i> , 2013, 2376, 45-55.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Heuristic methods for the capacitated stochastic lot-sizing problem under the static-dynamic uncertainty strategy. Computers and Operations Research, 2019, 109, 89-101.	2.4	6
20	Efficient adaptive regression spline algorithms based on mapping approach with a case study on finance. Journal of Global Optimization, 2014, 60, 103-120.	1.1	5
21	Determining the Climate Zones of Turkey by Center-Based Clustering Methods. , 2011, , 171-177.		4
22	The planar hub location problem: a probabilistic clustering approach. Annals of Operations Research, 2013, 211, 193-207.	2.6	3
23	Location analysis of emergency vehicles using an approximate queueing model. Transportation Research Procedia, 2017, 22, 430-439.	0.8	3
24	Short-term electricity load forecasting with special days: an analysis on parametric and non-parametric methods. Annals of Operations Research, 2017, , 1.	2.6	3
25	Semi-supervised Probabilistic Distance Clustering and the Uncertainty of Classification. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 3-20.	0.1	3
26	Contour approximation of data: A duality theory. Linear Algebra and Its Applications, 2009, 430, 2771-2780.	0.4	2
27	The Weber problem in congested regions with entry and exit points. Computers and Operations Research, 2015, 62, 177-183.	2.4	2
28	Generalization of the restricted planar location problems: Unified metaheuristic algorithms. Computers and Operations Research, 2018, 99, 48-66.	2.4	2
29	A Supervised Biclustering Optimization Model for Feature Selection in Biomedical Dataset Classification. Lecture Notes in Computer Science, 2016, , 196-204.	1.0	2
30	Applying data mining techniques to detect abnormal flight characteristics. Proceedings of SPIE, 2016, , .	0.8	1
31	Clustering of short time-course gene expression data with dissimilar replicates. Annals of Operations Research, 2018, 263, 405-428.	2.6	1
32	An evaluation of a novel approach for clustering genes with dissimilar replicates. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-14.	0.6	0