Ibrahim H Osman

List of Publications by Year
in descending order

| 34 papers | 1,697 citations | 489802

18 h-index | 563245

28 g-index |
| --- | --- | --- | --- |
| 37 all docs | 37 docs citations | 37 times ranked | 1372 citing authors |

#	Article	IF	Citations
1	A cognitive analytics management framework to select input and output variables for data envelopment analysis modeling of performance efficiency of banks using random forest and entropy of information. Annals of Operations Research, 2022, 308, 63-92.	2.6	13
2	Re-evaluating electronic government development index to monitor the transformation toward achieving sustainable development goals. Journal of Business Research, 2021, 131, 426-440.	5.8	13
3	ReviewModus: Text classification and sentiment prediction of unstructured reviews using a hybrid combination of machine learning and evaluation models. Applied Mathematical Modelling, 2019, 71, 569-583.	2.2	20
4	A cognitive analytics management framework for the transformation of electronic government services from users' perspective to create sustainable shared values. European Journal of Operational Research, 2019, 278, 514-532.	3.5	30
5	A Multi-Agents System for Solving Facility Layout Problem: Application to Operating Theater. Journal of Intelligent Systems, 2019, 28, 601-619.	1.2	1
6	Adaptive layout for operating theatre in hospitals: different mathematical models for optimal layouts. Annals of Operations Research, 2019, 272, 493-527.	2.6	15
7	Mismanagement or Mismeasurement. , 2018, , 713-759.		0
8	Optimization of dynamic operating theatre facility layout. , 2015, , .		5
9	Multi-Agent System for solving Dynamic Operating Theater Facility Layout Problem. IFAC-PapersOnLine, 2015, 48, 1146-1151.	0.5	6
10	Solving operating theater facility layout problem using a Multi-Agent system. , 2014, , .		3
11	COBRA framework to evaluate e-government services: A citizen-centric perspective. Government Information Quarterly, 2014, 31, 243-256.	4.0	133
12	Simultaneous optimisation of products, processes, and people in development projects. Journal of Engineering Design, 2013, 24, 272-292.	1.1	20
13	An analysis of methodologies utilised in e-government research. Journal of Enterprise Information Management, 2012, 25, 298-313.	4.4	54
14	A combinatorial valuation framework for managing and measuring the relative performance of people, organizations, systems and services. , 2011, , .		2
15	Data Envelopment Analysis Model for the Appraisal and Relative Performance Evaluation of Nurses at an Intensive Care Unit. Journal of Medical Systems, 2011, 35, 1039-1062.	2.2	64
16	Guided construction search metaheuristics for the capacitated p-median problem with single source constraint. Journal of the Operational Research Society, 2007, 58, 100-114.	2.1	18
17	A tabu search procedure based on a random Roulette diversification for the weighted maximal planar graph problem. Computers and Operations Research, 2006, 33, 2526-2546.	2.4	18
18	Self-organizing feature maps for the vehicle routing problem with backhauls. Journal of Scheduling, 2006, 9, 97-114.	1.3	33

#	Article	IF	Citations
19	Greedy random adaptive memory programming search for the capacitated clustering problem. European Journal of Operational Research, 2005, 162, 30-44.	3.5	52
20	Density Based Problem Space Search for the Capacitated Clustering p-Median Problem. Annals of Operations Research, 2004, 131, 21-43.	2.6	16
21	A greedy random adaptive search procedure for the weighted maximal planar graph problem. Computers and Industrial Engineering, 2003, 45, 635-651.	3.4	23
22	A neural network algorithm for the traveling salesman problem with backhauls. Computers and Industrial Engineering, 2003, 44, 267-281.	3.4	63
23	Linear programming based meta-heuristics for the weighted maximal planar graph. Journal of the Operational Research Society, 2002, 53, 1142-1149.	2.1	7
24	A reactive tabu search meta-heuristic for the vehicle routing problem with back-hauls. Journal of Scheduling, 2002, 5, 263-285.	1.3	100
25	A Unified-Metaheuristic Framework. Lecture Notes in Computer Science, 1999, , 11-12.	1.0	3
26	Metaheuristics: A bibliography. Annals of Operations Research, 1996, 63, 511-623.	2.6	402
27	Heuristics for the generalised assignment problem: simulated annealing and tabu search approaches. OR Spectrum, 1995, 17, 211-225.	2.1	153
28	Routing problems: A bibliography. Annals of Operations Research, 1995, 61, 227-262.	2.6	238
29	Capacitated Clustering Problems by Hybrid Simulated Annealing and Tabu Search. International Transactions in Operational Research, 1994, 1, 317-336.	1.8	79
30	Algorithms for the Vehicle Routing Problems with Time Deadlines. American Journal of Mathematical and Management Sciences, 1993, 13, 323-355.	0.6	43
31	A Cognitive Analytics Management Framework (CAM-Part 1). Advances in Logistics, Operations, and Management Science Book Series, 0, , 1-79.	0.3	4
32	A Cognitive Analytics Management Framework (CAM-Part 2). Advances in Logistics, Operations, and Management Science Book Series, 0, , 80-189.	0.3	2
33	Mismanagement or Mismeasurement. Advances in Logistics, Operations, and Management Science Book Series, 0, , 276-322.	0.3	0
34	A Cognitive Analytics Management Framework (CAM-Part 1). , 0, , 151-227.		0