Mojtaba Maghrebi

List of Publications by Year
in descending order

46 papers	800 citations	758635 12 h-index	580395 25 g-index
46 all docs	46 docs citations	46 times ranked	804 citing authors

#	Article	IF	Citations
1	Exploring the capacity of social media data for modelling travel behaviour: Opportunities and challenges. Transportation Research Part C: Emerging Technologies, 2017, 75, 197-211.	3.9	180
2	Analysis of Citation Networks in Building Information Modeling Research. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	93
3	Mathematical modelling and heuristic approaches to the location-routing problem of a cost-effective integrated solid waste management. Annals of Operations Research, 2019, 273, 75-110.	2.6	45
4	Prediction of Pavement Performance: Application of Support Vector Regression with Different Kernels. Transportation Research Record, 2016, 2589, 135-145.	1.0	43
5	Factors affecting unmanned aerial vehiclesâ€™ safety: A post-occurrence exploratory data analysis of dronesâ€™ accidents and incidents in Australia. Safety Science, 2021, 139, 105273.	2.6	42
6	Utilising Location Based Social Media in Travel Survey Methods. , 2015, , .		32
7	Feasibility study of automatically performing the concrete delivery dispatching through machine learning techniques. Engineering, Construction and Architectural Management, 2015, 22, 573-590.	1.8	22
8	Determining optimum staged-evacuation schedule considering total evacuation time, congestion severity and fire threats. Safety Science, 2021, 139, 105211.	2.6	22
9	Hazard-based model for concrete pouring duration using construction site and supply chain parameters. Automation in Construction, 2016, 71, 283-293.	4.8	21
10	Complementing Travel Diary Surveys with Twitter Data: Application of Text Mining Techniques on Activity Location, Type and Time. , 2015, , .		19
11	Assessing the Accuracy of Expert-Based Decisions in Dispatching Ready Mixed Concrete. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	18
12	A mathematical model for the municipal solid waste location-routing problem with intermediate transfer stations. Australasian Journal of Information Systems, 0, 19, .	0.3	18
13	Matching experts' decisions in concrete delivery dispatching centers by ensemble learning algorithms: Tactical level. Automation in Construction, 2016, 68, 146-155.	4.8	16
14	Integrating Household Travel Survey and Social Media Data to Improve the Quality of OD Matrix: A Comparative Case Study. IEEE Transactions on Intelligent Transportation Systems, 2020, , 1-9.	4.7	16
15	Column Generationâ€Based Approach for Solving Largeâ€Scale Ready Mixed Concrete Delivery Dispatching Problems. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 145-159.	6.3	13
16	Sequential Meta-Heuristic Approach for Solving Large-Scale Ready-Mixed Concreteâ€"Dispatching Problems. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	13
17	Geometry of interest (GOI): spatio-temporal destination extraction and partitioning in GPS trajectory data. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 419-434.	3.3	13
18	Optimality gap of experts' decisions in concrete delivery dispatching. Journal of Building Engineering, 2015, 2, 17-23.	1.6	12

#	Article	IF	Citations
19	Extending BIM Interoperability for Real-Time Concrete Formwork Process Monitoring. Applied Sciences (Switzerland), 2020, 10, 1085.	1.3	12
20	Scheduling Concrete Delivery Problems by a Robust Meta Heuristic Method. , 2013, , .		11
21	Adaptation of simulated annealing to an integrated municipal solid waste location-routing problem. International Journal of Logistics Systems and Management, 2017, 28, 127.	0.2	10
22	Mathematical model to optimally solve the lift planning problem in high-rise construction projects. Automation in Construction, 2018, 92, 120-132.	4.8	10
23	Risk assessment of failure of rock bolts in underground coal mines using support vector machines. Applied Stochastic Models in Business and Industry, 2018, 34, 293-304.	0.9	10
24	Predicting the Duration of Concrete Operations Via Artificial Neural Network and by Focusing on Supply Chain Parameters. Building Research Journal, 2014, 61, 1-14.	0.2	9
25	Transportation application of social media: Travel mode extraction. , 2016, , .		9
26	Using Lagrangian Relaxation to Solve Ready Mixed Concrete Dispatching Problems. Transportation Research Record, 2015, 2498, 84-90.	1.0	8
27	Fusion based learning approach for predicting concrete pouring productivity based on construction and supply parameters. Construction Innovation, 2016, 16, 185-202.	1.5	8
28	A multi-criteria decision support framework for municipal solid waste landfill siting: a case study of New South Wales (Australia). Environmental Monitoring and Assessment, 2020, 192, 682.	1.3	8
29	Solving Ready-Mixed Concrete Delivery Problems: Evolutionary Comparison between Column Generation and Robust Genetic Algorithm. , 2014, , .		7
30	An integrated approach to suitability assessment of municipal solid waste landfills in New South Wales, Australia. Australasian Journal of Environmental Management, 2020, 27, 63-83.	0.6	7
31	Reconstruction of an Expertâ€™s Decision Making Expertise in Concrete Dispatching by Machine Learning. Journal of Civil Engineering and Architecture, 2013, 7, .	0.0	7
32	A Spatio-Temporal autocorrelation model for designing a carshare system using historical heterogeneous Data: Policy suggestion. Transportation Research Part C: Emerging Technologies, 2022, 141, 103758.	3.9	7
33	Unsupervised Deep Learning for Data-Driven Reliability and Risk Analysis of Engineered Systems. , 2017, , 417-431.		6
34	Using Benders Decomposition for Solving Ready Mixed Concrete Dispatching Problems. , 2014, , .		6
35	Enhancing the quality of geometries of interest (GOIs) extracted from GPS trajectory data using spatio-temporal data aggregation and outlier detection. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 173-186.	3.3	5
36	Exploring Experts Decisions in Concrete Delivery Dispatching Systems Using Bayesian Network Learning Techniques. , 2014, , .		4

#	Article	IF	Citations
37	Political Skill Improves the Effectiveness of Emotional Intelligence: Bayesian Network Analysis in the Construction Industry. Journal of Architectural Engineering, 2020, 26, .	0.8	4
38	A more realistic approach towards concrete delivery dispatching problem: using real distance instead spatial distance. Australian Journal of Civil Engineering, 2018, 16, 1-11.	0.6	3
39	Optimization of flexible lift processes on high-rise building construction sites. Automation in Construction, 2019, 107, 102939.	4.8	3
40	Improving Efficiency of Normative Interventions by Characteristic-Based Selection of Households: An Agent-Based Approach. Journal of Computing in Civil Engineering, 2020, 34, 04019042.	2.5	2
41	Targeted selection of participants for energy efficiency programs using genetic agent-based (GAB) framework. Energy Efficiency, 2020, 13, 823-833.	1.3	2
42	Statistically Reviewing Construction Accidents Within South Australia During 2002-2013. , 2015, , .		2
43	Deep Molecular Representation in Cheminformatics. Smart Innovation, Systems and Technologies, 2019, , 147-159.	0.5	1
44	Adaptation of simulated annealing to an integrated municipal solid waste location-routing problem. International Journal of Logistics Systems and Management, 2017, 28, 127.	0.2	1
45	An Investigation into the Perceived Quality of Communications in Dispersed Construction Project Teams. , 2016, , .		0
46	A STUDY OF THE CONCEPT OF DYNAMIC EQUIPMENT IN THE EARTHMOVING PROCESS BY A CONSIDERATION OF TIME, COST AND EMISSIONS. Journal of Green Building, 2013, 8, 156-165.	0.4	0