Mohammad Khalilzadeh

List of Publications by Year
in descending order

70	1,185	566801 15	454577 30
papers	citations	h-index	g-index

71	71	71	875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk evaluation using a novel hybrid method based on FMEA, extended MULTIMOORA, and AHP methods under fuzzy environment. Safety Science, 2018, 102, 290-300.	2.6	276
2	A robust fuzzy stochastic programming for sustainable procurement and logistics under hybrid uncertainty using big data. Journal of Cleaner Production, 2020, 258, 120640.	4.6	81
3	CLUS-MCDA: A novel framework based on cluster analysis and multiple criteria decision theory in a supplier selection problem. Computers and Industrial Engineering, 2018, 118, 409-422.	3.4	56
4	Analysis of factors affecting project communications with a hybrid DEMATEL-ISM approach (A case) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	53
5	Identification and Evaluation of Construction Projectsâ€™ Critical Success Factors Employing Fuzzy-TOPSIS Approach. KSCE Journal of Civil Engineering, 2018, 22, 1593-1605.	0.9	52
6	Ranking and selecting the best performance appraisal method using the MULTIMOORA approach integrated Shannonâ€™s entropy. Frontiers of Business Research in China, 2018, 12, .	4.1	44
7	Optimization of environmental impacts of construction projects: a timeâ€“costâ€“quality trade-off approach. International Journal of Environmental Science and Technology, 2021, 18, 631-646.	1.8	31
8	Factors Affecting Knowledge Management and Its Effect on Organizational Performance: Mediating the Role of Human Capital. Advances in Human-Computer Interaction, 2021, 2021, 1-16.	1.8	29
9	Time-cost-quality-environmental impact trade-off resource-constrained project scheduling problem with DEA approach. Engineering, Construction and Architectural Management, 2021, 28, 1979-2004.	1.8	26
10	An optimal procedure for minimizing total weighted resource tardiness penalty costs in the resource-constrained project scheduling problem. Computers and Industrial Engineering, 2012, 62, 264-270.	3.4	25
11	A novel FMEA model based on fuzzy multiple-criteria decision-making methods for risk assessment. Journal of Enterprise Information Management, 2020, 33, 881-904.	4.4	25
12	Investigating the Environmental Impacts of Construction Projects in Time-Cost Trade-Off Project Scheduling Problems with CoCoSo Multi-Criteria Decision-Making Method. Sustainability, 2021, 13, 10922.	1.6	24
13	A multi-objective supplier selection model for green supply chain network under uncertainty. Journal of Modelling in Management, 2018, 13, 605-625.	1.1	23
14	Risk identification and assessment with the fuzzy DEMATEL-ANP method in oil and gas projects under uncertainty. Procedia Computer Science, 2021, 181, 277-284.	1.2	23
15	An integrated group FWA-ELECTRE III approach based on interval type-2 fuzzy sets for solving the MCDM problems using limit distance mean. Complex & Intelligent Systems, 2020, 6, 355-389.	4.0	20
16	Hybrid fuzzy MCDM and FMEA integrating with linear programming approach for the health and safety executive risks: a case study. Journal of Modelling in Management, 2021, 16, 1025-1053.	1.1	19
17	Green supply chain management using the queuing theory to handle congestion and reduce energy consumption and emissions from supply chain transportation fleet. Journal of Industrial Engineering and Management, 2017, 10, 213.	1.0	15
18	A mathematical Model to select the Risk Response Strategies of the Construction Projects: Case Study of Saba Tower. Procedia Computer Science, 2017, 121, 609-616.	1.2	14

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19	APRT-FMEA buffer sizing method in scheduling of a wind farm construction project. Engineering, Construction and Architectural Management, 2019, 26, 1129-1150.	1.8	14
20	Multi-Objective Multi-Skill Resource-Constrained Project Scheduling Problem Under Time Uncertainty. International Journal of Fuzzy Systems, 2021, 23, 518-534.	2.3	14
21	Linking â€œProject Successâ€•and â€œStrategic Talent Managementâ€• satisfaction/motivation and organizational commitment as mediators. Procedia Computer Science, 2018, 138, 764-774.	1.2	13
22	Integrated cost, quality, risk and schedule control through earned value management (EVM). Journal of Engineering, Design and Technology, 2019, 17, 183-203.	1.1	13
23	Green two-echelon closed and open location-routing problem: application of NSGA-II and MOGWO metaheuristic approaches. Environment, Development and Sustainability, 2023, 25, 9163-9199.	2.7	13
24	A Modified PSO Algorithm for Minimizing the Total Costs of Resources in MRCPSP. Mathematical Problems in Engineering, 2012, 2012, 1-18.	0.6	12
25	A Heuristic Algorithm for Project Scheduling with Fuzzy Parameters. Procedia Computer Science, 2017, 121, 63-71.	1.2	12
26	Application of Three Metaheuristic Algorithms to Time-Cost-Quality Trade-Off Project Scheduling Problem for Construction Projects Considering Time Value of Money. Symmetry, 2021, 13, 2402.	1.1	12
27	A project buffer and resource management model in energy sector; a case study in construction of a wind farm project. International Journal of Energy Sector Management, 2020, 14, 1123-1142.	1.2	11
28	A heuristic buffer sizing algorithm for implementing a renewable energy project. Automation in Construction, 2020, 117, 103267.	4.8	11
29	Dynamic mutual manufacturing and transportation routing service selection for cloud manufacturing with multi-period service-demand matching. PeerJ Computer Science, 2021, 7, e461.	2.7	11
30	An Integrated Decision Support Model Based on BWM and Fuzzy-VIKOR Techniques for Contractor Selection in Construction Projects. Sustainability, 2021, 13, 6933.	1.6	11
31	Planning project closure phase in combined cycle power plant projects. Procedia Computer Science, 2017, 121, 274-281.	1.2	10
32	A disaster relief commodity supply chain network considering emergency relief volunteers: a case study. Journal of Humanitarian Logistics and Supply Chain Management, 2021, 11, 493-521.	1.7	10
33	Trading off Timeâ€“Costâ€“Quality in Construction Project Scheduling Problems with Fuzzy SWARÂâ€“TOPSIS Approach. Buildings, 2021, 11, 387.	1.4	10
34	A New Two-Stage Approach for a Bi-Objective Facility Layout Problem Considering Input/ Output Points Under Fuzzy Environment. IEEE Access, 2019, 7, 134083-134103.	2.6	9
35	Risk identification and prioritization in banking projects of payment service provider companies: an empirical study. Frontiers of Business Research in China, 2020, 14, .	4.1	9
36	Multi-objective mathematical model based on fuzzy hybrid multi-criteria decision-making and FMEA approach for the risks of oil and gas projects. Journal of Engineering, Design and Technology, 2020, 18, 1997-2016.	1.1	8

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37	The multi-objective supplier selection problem with fuzzy parameters and solving the order allocation problem with coverage. Journal of Modelling in Management, 2020, 15, 705-725.	1.1	8
38	Evaluating Efficiency in Construction Projects with the TOPSIS Model and NDEA Method Considering Environmental Effects and Undesirable Data. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1589-1605.	1.0	8
39	Optimal project portfolio selection with reinvestment strategy considering sustainability in an uncertain environment: a multi-objective optimization approach. Kybernetes, 2022, 51, 2437-2460.	1.2	8
40	A hub location model in the sustainable supply chain considering customer segmentation. Journal of Engineering, Design and Technology, 2021, 19, 1387-1420.	1.1	8
41	Competitive scheduling in a hybrid flow shop problem using multi-leaderâ€“multi-follower game - A case study from Iran. Expert Systems With Applications, 2022, 195, 116584.	4.4	8
42	Multi-Objective Sustainable Closed-Loop Supply Chain Network Design Considering Multiple Products with Different Quality Levels. Systems, 2022, 10, 94.	1.2	8
43	A multi-objective fuzzy project selection problem considering social responsibility and risk. Procedia Computer Science, 2017, 121, 646-655.	1.2	6
44	A new approach for ranking efficient DMUs with data envelopment analysis. World Journal of Engineering, 2020, 17, 573-583.	1.0	6
45	Project buffer sizing and dynamic buffer consumption algorithm in power generation construction. Engineering, Construction and Architectural Management, 2022, 29, 716-738.	1.8	6
46	A fuzzy multi-objective multi-product supplier selection and order allocation problem in supply chain under coverage and price considerations: An urban agricultural case study. Scientia Iranica, 2017, .	0.3	6
47	Transportation energy demand forecasting in Taiwan based on metaheuristic algorithms. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 2782-2800.	1.2	6
48	Towards sustainable project scheduling with reducing environmental pollution of projects: fuzzy multi-objective programming approach to a case study of Eastern Iran. Environment, Development and Sustainability, 2023, 25, 7737-7767.	2.7	6
49	A Nash bargaining model for flow shop scheduling problem under uncertainty: a case study from tire manufacturing in Iran. International Journal of Advanced Manufacturing Technology, 2018, 96, 531-546.	1.5	5
50	A novel prediction model for educational planning of human resources with data mining approach: a national tax administration case study. Education and Information Technologies, 2022, 27, 2209-2239.	3.5	5
51	Performance Prediction of Construction Projects Based on the Causes of Claims: A System Dynamics Approach. Sustainability, 2022, 14, 4138.	1.6	5
52	A fuzzy project buffer management algorithm: a case study in the construction of a renewable project. International Journal of Construction Management, 2023, 23, 2134-2143.	2.2	5
53	Application of fuzzy BWM-CoCoSo to timeâ€“costâ€“environmental impact trade-off construction project scheduling problem. International Journal of Environmental Science and Technology, 2023, 20, 1199-1214.	1.8	5
54	Investigating the Relationship of Sustainability Factors with Project Management Success. Industrial Engineering and Management Systems, 2016, 15, 345-353.	0.3	4

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55	Role of information cycles in construction of a wind farm power plant project. Procedia Computer Science, 2018, 138, 500-507.	1.2	3
56	What do project managers need to know to succeed in face-to-face communication?. Economic Research-Ekonomska Istrazivanja, 2021, 34, 1094-1120.	2.6	3
57	Developing a fuzzy goal programming model for health, safety and environment risks based on hybrid fuzzy FMEA-VIKOR method. Journal of Engineering, Design and Technology, 2021, 19, 317-338.	1.1	3
58	A Robust Bi-objective Optimization Model for Resource Levelling Project Scheduling Problem with Discounted Cash Flows. KSCE Journal of Civil Engineering, 2022, 26, 2539-2554.	0.9	3
59	A Multi-objective Dynamic Optimization Approach to Project Schedule Management: A Case Study of a Gas Field Construction. KSCE Journal of Civil Engineering, 2022, 26, 1005-1013.	0.9	3
60	Challenges and difficulties of technology commercialization â˜ a mixed-methods study of an industrial development organization. Management Research Review, 2017, 40, 745-767.	1.5	2
61	Reliability computation for an uncertain PVC window production system using a modified bayesian estimation. Journal of Intelligent and Fuzzy Systems, 2021, 40, 179-189.	0.8	2
62	A novel framework for storage assignment optimization inspired by finite element method. PeerJ Computer Science, 2021, 7, e378.	2.7	2
63	NSGA-II algorithm for hub location-allocation problem considering hub disruption and backup hub allocation. World Journal of Engineering, 2022, 19, 794-807.	1.0	2
64	A Honey Bee Swarm Optimization Algorithm for Minimizing the Total Costs of Resources in MRCPSP. Indian Journal of Science and Technology, 2015, 8, .	0.5	2
65	A MATHEMATICAL MODEL FOR THE CAPACITATED LOCATION-ARC ROUTING PROBLEM WITH DEADLINES AND HETEROGENEOUS FLEET. Transport, 2019, 34, 692-707.	0.6	2
66	AN INTEGRATED APPROACH BASED ON A BI-LEVEL GENETIC ALGORITHM AND A COMBINED ZONE- LP FOR THE FACILITY LAYOUT PROBLEM. South African Journal of Industrial Engineering, 2019, 30, .	0.2	2
67	R-number Cognitive Map Method for Modeling Problems in Uncertainty and Risky Environment. International Journal of Fuzzy Systems, 2022, 24, 1455-1466.	2.3	2
68	Identification and prioritization of factors influencing organization risk tolerance level. Journal of Advances in Management Research, 2019, 16, 417-435.	1.6	1
69	Improving intermittent demand forecasting based on data structure. Journal of Engineering Research, 2021, 9, .	0.4	1
70	Identification and selection of stakeholder engagement strategies: case study of an Iranian oil and gas construction project. International Journal of Construction Management, 0, , 1-23.	2.2	0