Javad Majrouhi Sardroud

List of Publications by Year
in descending order

32 papers	287 citations	1163117 8 h-index	940533 16 g-index
33 all docs	33 docs citations	33 times ranked	258 citing authors

#	Article	IF	Citations
1	Influence of RFID technology on automated management of construction materials and components. Scientia Iranica, 2012, 19, 381-392.	0.4	91
2	PERCEPTIONS OF AUTOMATED DATA COLLECTION TECHNOLOGY USE IN THE CONSTRUCTION INDUSTRY. Journal of Civil Engineering and Management, 2014, 21, 54-66.	3.5	25
3	Approaching Industrialization of Buildings and Integrated Construction Using Building Information Modeling. Procedia Engineering, 2016, 164, 534-541.	1.2	20
4	BIM-based Applications of Metaheuristic Algorithms to Support the Decision-making Process: Uses in the Planning of Construction Site Layout. Procedia Engineering, 2017, 196, 558-564.	1.2	20
5	Practical Approaches Toward Sustainable Development in Iranian Green Construction. Civil Engineering Journal (Iran), 2018, 4, 2450.	3.9	18
6	Improving maintenance performance by developing an IFC BIM/RFID-based computer system. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3055-3074.	4.9	17
7	Extending BIM Interoperability for Real-Time Concrete Formwork Process Monitoring. Applied Sciences (Switzerland), 2020, 10, 1085.	2.5	12
8	How Can Lean, IPD and BIM Work Together?. , 2016, , .		10
9	Delays in the Road Construction Projects from Risk Management Perspective. Infrastructures, 2021, 6, 135.	2.8	9
10	A Framework to Select the Best Strategy for Iran's Entry into the Repair and Maintenance Market of Oil Drilling Rigs. Civil Engineering Journal (Iran), 2018, 4, 2702.	3.9	9
11	Influences of building information modeling (BIM) on oil, gas, and petrochemical firms. Science and Technology for the Built Environment, 2017, 23, 1063-1077.	1.7	8
12	A review on green building assessment tools: rating, calculation and decision-making. WIT Transactions on Ecology and the Environment, 2016, , .	0.0	7
13	Uncertainty Management in Time Estimation of Construction Projects: A Systematic Literature Review and New Model Development. Scientia Iranica, 2017, .	0.4	6
14	Barriers Analysis to Effective Implementation of BIM in the Construction Industry. , 2018, , .		6
15	Real-time landslides monitoring and warning using RFID technology for measuring ground water level. WIT Transactions on the Built Environment, 2011, , .	0.0	5
16	Green standard model using machine learning: identifying threats and opportunities facing the implementation of green building in Iran. Environmental Science and Pollution Research, 2021, 28, 62796-62808.	5.3	4
17	An application framework for development of a maintenance management system based on building information modeling and radio-frequency identification: case study of a stadium building. Canadian Journal of Civil Engineering, 2020, 47, 736-748.	1.3	3
18	Smart-city infrastructure components. , 2021, , 17-54.		3

#	Article	IF	Citations
19	Decision support system for tower crane location and material supply point in construction sites using anÂinteger linear programming model. Engineering, Construction and Architectural Management, 2023, 30, 1444-1462.	3.1	3
20	Towards Linking Islands of Information Within Construction Projects Utilizing RF Technologies. Lecture Notes in Electrical Engineering, 2011, , 197-207.	0.4	2
21	Integrated Advance Data Storage Technology for Effective Construction Logistics Management. , 2010, , .		2
22	Application of Fuzzy Expert Systems to Manage the Projects Time in Iranian Gas Refineries. Engineering, Technology & Applied Science Research, 2017, 7, 1670-1675.	1.9	2
23	Self-healing Concrete and Environmental Health. International Journal of Epidemiologic Research, 2018, 5, 107-112.	0.4	2
24	Integrated RFID and Sensor Technologies for Effective Landslide Monitoring and Early Warning. , 2011, , .		1
25	Proposing an Optimum Model for Time Estimation of Construction Projects in Iranian Gas Refineries. Engineering Journal, 2017, 21, 285-304.	1.0	1
26	An improvement in clash detection process by prioritizing relevance clashes using fuzzy-AHP methods. Building Services Engineering Research and Technology, 2022, 43, 485-506.	1.8	1
27	Presenting a Model Based on Fuzzy Application to Optimize the Time of IBS Projects in Gas Refineries. MATEC Web of Conferences, 2017, 95, 17007.	0.2	0
28	BEARING CAPACITY OF SINGLE-ANGLE COMPRESSION MEMBER: EXPERIMENTAL AND NUMERICAL INVESTIGATION. Civil Engineering Journal, 2021, 30, .	0.2	0
29	Automated landslide monitoring and warning using radio frequency identification technology. International Journal of Safety and Security Engineering, 2012, 2, 118-130.	1.0	0
30	IPD/BIM collaboration requirements on oil, gas and petrochemical projects. , 2018, , 97-102.		0
31	Evaluating Highly Effective Criteria on the Development of Urban Wastewater Treatment Plants with Sustainable Approach. International Journal of Engineering and Technology, 2020, 12, 296-309.	0.1	0
32	Determining the optimal method to upgrade shipyard infrastructures for overhaul of offshore drilling rigs using genetic algorithm: A case study for ISOICO. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 0, , 147509022210769.	0.5	0