

# Seyed Ashkan Zarghami

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

257  
citations

932766  
10  
h-index

996533  
15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	System Dynamics Modelling Process in Water Sector: a Review of Research Literature. <i>Systems Research and Behavioral Science</i> , 2018, 35, 776-790.	0.9	29
2	Integrating entropy theory and cospanning tree technique for redundancy analysis of water distribution networks. <i>Reliability Engineering and System Safety</i> , 2018, 176, 102-112.	5.1	25
3	Incorporation of resource reliability into critical chain project management buffer sizing. <i>International Journal of Production Research</i> , 2020, 58, 6130-6144.	4.9	23
4	A system dynamics model for social vulnerability to natural disasters: Disaster risk assessment of an Australian city. <i>International Journal of Disaster Risk Reduction</i> , 2021, 60, 102258.	1.8	23
5	Unearthing vulnerability of supply provision in logistics networks to the black swan events: Applications of entropy theory and network analysis. <i>Reliability Engineering and System Safety</i> , 2021, 215, 107798.	5.1	23
6	The four Rs performance indicators of water distribution networks. <i>International Journal of Quality and Reliability Management</i> , 2017, 34, 720-732.	1.3	19
7	Entropy of centrality values for topological vulnerability analysis of water distribution networks. <i>Built Environment Project and Asset Management</i> , 2019, 9, 412-425.	0.9	18
8	A reflection on the impact of the COVID-19 pandemic on Australian businesses: Toward a taxonomy of vulnerabilities. <i>International Journal of Disaster Risk Reduction</i> , 2021, 64, 102496.	1.8	13
9	Exact reliability evaluation of infrastructure networks using graph theory. <i>Quality and Reliability Engineering International</i> , 2020, 36, 498-510.	1.4	11
10	A domain-specific measure of centrality for water distribution networks. <i>Engineering, Construction and Architectural Management</i> , 2019, 27, 341-355.	1.8	10
11	Measuring project resilience – Learning from the past to enhance decision making in the face of disruption. <i>Decision Support Systems</i> , 2022, 160, 113831.	3.5	10
12	Reimagining stakeholder analysis in project management: network theory and fuzzy logic applications. <i>Engineering, Construction and Architectural Management</i> , 2021, 28, 2426-2447.	1.8	9
13	A fuzzy-based vulnerability assessment model for infrastructure networks incorporating reliability and centrality. <i>Engineering, Construction and Architectural Management</i> , 2019, 27, 725-744.	1.8	8
14	Aleatory uncertainty quantification of project resources and its application to project scheduling. <i>Reliability Engineering and System Safety</i> , 2021, 211, 107637.	5.1	8
15	Forecasting the Impact of Population Growth on Robustness of Water Distribution Networks: A System Dynamics Approach. <i>IEEE Transactions on Engineering Management</i> , 2023, 70, 605-614.	2.4	6
16	Forecasting Project Duration in the Face of Disruptive Events: A Resource-Based Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	2.0	5
17	Scheduling Toolset. , 2019, , 43-60.		4
18	Deviation from a state of perfect uniformity: An indicator of structural complexity in projects. <i>Systems Research and Behavioral Science</i> , 2023, 40, 488-500.	0.9	4

#	ARTICLE	IF	CITATIONS
19	The emergence and evolution of reliability theory for water distribution networks. Built Environment Project and Asset Management, 2021, 11, 251-265.	0.9	3
20	Application of system dynamics in project portfolio management. International Journal of Industrial Engineering and Management, 2020, , 253-262.	1.0	2
21	The impact of customer characteristics on exploitation and exploration capabilities: An empirical study of outsourcing service companies. Industrial Marketing Management, 2022, 104, 340-351.	3.7	2
22	Graph Theory and Its Role in Vulnerability Evaluation of Infrastructure Networks. Lecture Notes in Mechanical Engineering, 2021, , 91-101.	0.3	1
23	Prioritizing Construction Activities: Addressing the Flaws of Schedule-Based Indexes. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	1