Sharareh Kermanshachi

List of Publications by Year
in descending order

105 papers	1,369 citations	361413 20 h-index	477307 29 g-index
105 all docs	105 docs citations	105 times ranked	471 citing authors

#	Article	IF	Citations
1	Development of complexity management strategies for construction projects. Journal of Engineering, Design and Technology, 2023, 21, 1633-1657.	1.7	4
2	Selection of Best Practices that Enhance Phase-Based Cost and Schedule Performances in Complex Construction Projects. EMJ - Engineering Management Journal, 2023, 35, 84-99.	2.3	4
3	A review of construction workforce health challenges and strategies in extreme weather conditions. International Journal of Occupational Safety and Ergonomics, 2023, 29, 773-784.	1.9	19
4	Developing a logistic regression model to measure project complexity. Architectural Engineering and Design Management, 2022, 18, 226-240.	1.7	5
5	Developing management policies and analyzing impact of change orders on labor productivity in construction projects. Journal of Engineering, Design and Technology, 2022, 20, 1257-1279.	1.7	3
6	An investigation of causal relationships among barriers that delay post-hurricane recovery of human communities. International Journal of Disaster Risk Reduction, 2022, 67, 102666.	3.9	5
7	Exploratory Analysis of Human-, Organizational-, and Project-Based Reworks: Challenges and Strategies. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2022, 14, .	1.4	9
8	Integrating Shared Autonomous Vehicles into Existing Transportation Services: Evidence from a Paratransit Service in Arlington, Texas. International Journal of Civil Engineering, 2022, 20, 601-618.	2.0	13
9	Service quality assessment and enhancement using Kano model. PLoS ONE, 2022, 17, e0264423.	2.5	15
10	E-Ticketing Technology in Construction Projects: Adoption, Benefits, and Challenges. , 2022, , .		10
11	Health and Safety of Construction Field Workforce Active in Extreme Weather Conditions. , 2022, , .		14
12	Physical, Mental, and Emotional Health of Construction Field Labors Working in Extreme Weather Conditions: Challenges and Overcoming Strategies. , 2022, , .		11
13	Exploring Disaster Preparedness and Awareness due to Natural Hazards Using Structural Equation Modelling (SEM). , 2022, , .		3
14	Key Components in Schedule Development of Post-Disaster Reconstruction Projects. , 2022, , .		0
15	Development of Strategies to Improve Health and Safety of Women in Construction Industry: A Delphi Method. , 2022, , .		11
16	Development of Innovative Strategies to Enhance the Resilience of the Critical Infrastructure. , 2022, , .		11
17	Exploring Utilization of the 3D Printed Housing as Post-Disaster Temporary Shelter for Displaced People. , 2022, , .		2
18	Investigation of Causal Relationships among Factors Affecting Post-Disaster Reconstruction Process: Adoption of Social Network Analysis (SNA) Method. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
19	Do OSHA 10/30-Hours Training Programs Revamp the Safety Attitudes of Construction Workers?. , 2022, , .		6
20	Occupational Health and Safety Challenges in Construction Industry: A Gender-Based Analysis. , 2022, , .		11
21	Analysis of the Resilience Management Dimensions Based on Project Complexity Level. , 2022, , .		5
22	Safety Risks of Reconstruction Workers in Clean-Up and Recovery Phase due to Natural Hazards. , 2022, , .		3
23	Post-Hurricane Recovery Process: Analysis of the Public and Subject Matter Expertsâ€™ Perspectives Using Structural Equation Modeling (SEM). , 2022, , .		2
24	Challenges and Risks in Resilience Management of Water and Wastewater Infrastructure. , 2022, , .		2
25	Analysis of Investment Decision-Making Factors in Resilience Improvement of Transportation Infrastructure. , 2022, , .		5
26	Key components of successful postâ€"hurricane reconstruction of transportation infrastructures. Built Environment Project and Asset Management, 2022, ahead-of-print, .	1.6	1
27	Leveraging Digital Twin for Enhancing Occupantsâ€™ Comfort: A Case Study. , 2022, , .		1
28	Modeling Usersâ€™ Adoption of Shared Autonomous Vehicles Employing Actual Ridership Experiences. Transportation Research Record, 2022, 2676, 462-478.	1.9	28
29	Are Construction Managers from Mars and Workers from Venus? Exploring Differences in Construction Safety Perception of Two Key Field Stakeholders. International Journal of Environmental Research and Public Health, 2022, 19, 6172.	2.6	7
30	Do ridesharing transportation services alleviate traffic crashes? A time series analysis. Traffic Injury Prevention, 2022, 23, 333-338.	1.4	11
31	Investigation of the Causal Relationships among Different Barrier Categories to Timely Posthurricane Recovery. Natural Hazards Review, 2022, 23, .	1.5	0
32	Analysis of effective project-based communication components within primary stakeholders in construction industry. Built Environment Project and Asset Management, 2021, 11, 157-173.	1.6	13
33	Development of Strategies to Prevent Third Rail Insulator Failures in Transit Systems. Urban Rail Transit, 2021, 7, 58-70.	1.8	2
34	Barriers to an effective post-recovery process: A comparative analysis of the Public's and experts' perspectives. International Journal of Disaster Risk Reduction, 2021, 57, 102181.	3.9	11
35	Investigating the Relationships of the Rework Factors in Highly Damaged Reconstruction of Infrastructure. , 2021, , .		0
36	Impact of COVID-19 on Transportation Industry: Comparative Analysis of Road, Air, and Rail Transportation Modes. , 2021, , .		12

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37	Reconstruction of Transportation Infrastructure with High Complexity: Mitigating Strategies for Effective Post-Disaster Reconstruction. , 2021, , .		5
38	Exploring Preferences towards Integrating the Autonomous Vehicles with the Current Microtransit Services: A Disability Focus Group Study. , 2021, , .		14
39	Delay in Reconstruction Projects: Analysis of Highly Damaged versus Minimally Damaged Infrastructure. , 2021, , .		3
40	Impacts of COVID-19 on Health and Safety of Workforce in Construction Industry. , 2021, , .		10
41	A Geographically Weighted Regression Approach to Modeling the Determinants of On-Demand Ride Services for Elderly and Disabled. , 2021, , .		9
42	Development of a Model Determining the Relationships of the Factors Delaying Reconstruction Projects. , 2021, , .		4
43	Dimensions of Resilience Measurement in Critical Transportation Infrastructure. , 2021, , .		6
44	Exploring Concerns and Preferences towards Using Autonomous Vehicles as a Public Transportation Option: Perspectives from a Public Focus Group Study. , 2021, , .		11
45	Travel Behaviors of the Transportation-Disabled Population and Impacts of Alternate Transit Choices: A Trip Data Analysis of the Handitran Paratransit Service in Arlington, TX. , 2021, , .		7
46	Construction Project Management Dimensions in Transportation Agencies: Case Study of the US Department of Transportation. Practice Periodical on Structural Design and Construction, 2021, 26, .	1.3	9
47	Uncertainty analysis of rework predictors in post-hurricane reconstruction of critical transportation infrastructure. Progress in Disaster Science, 2021, 11, 100194.	2.7	7
48	Post-disaster recovery in urban and rural communities: Challenges and strategies. International Journal of Disaster Risk Reduction, 2021, 64, 102535.	3.9	28
49	A gender-based analysis of workforce promotion factors in U.S. transportation agencies. Transportation Research Interdisciplinary Perspectives, 2021, 12, 100457.	2.7	4
50	Gender-based evaluation of economic, social, and physical challenges in timely post-hurricane recovery. Progress in Disaster Science, 2021, 9, 100146.	2.7	11
51	Integration of shared autonomous vehicles (SAVs) into existing transportation services: A focus group study. Transportation Research Interdisciplinary Perspectives, 2021, 12, 100481.	2.7	31
52	Resilience in Water Infrastructures: A Review of Challenges and Adoption Strategies. Sustainability, 2021, 13, 12986.	3.2	18
53	Development of the Project Complexity Assessment and Management Framework for Heavy Industrial Projects. International Journal of Construction Education and Research, 2020, 16, 24-42.	1.6	24
54	Optimal Pipeline Maintenance Strategies in the United States: Stochastic Reliability Analysis of Gas Pipeline Network Failures. Journal of Pipeline Systems Engineering and Practice, 2020, 11, 04019041.	1.6	7

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55	Gap Analysis in Cost Estimation, Risk Analysis, and Contingency Computation of Transportation Infrastructure Projects: A Guide to Resource and Policyâ€"Based Strategy Establishment. Practice Periodical on Structural Design and Construction, 2020, 25, .	1.3	8
56	Application of Delphi Method in Identifying, Ranking, and Weighting Project Complexity Indicators for Construction Projects. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2020, 12, .	1.4	38
57	Assessment of open educational resources (OER) developed in interactive learning environments. Education and Information Technologies, 2020, 25, 2521-2547.	5.7	13
58	Reconstruction of Critical and Interdependent Infrastructure Due to Catastrophic Natural Disasters: Lessons Learned. , 2020, , .		18
59	Predictive Analytics Approach to Evaluate Wage Inequality in Engineering Organizations. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	16
60	Third-Rail Insulator Failure Causes and Mitigating Practices: A Comparative Study of Multiple Case Studies in the U.S.. Urban Rail Transit, 2020, 6, 205-217.	1.8	2
61	Post-disaster reconstruction of transportation infrastructures: Lessons learned. Sustainable Cities and Society, 2020, 63, 102505.	10.4	39
62	Factors Influencing the Condition of Sewer Pipes: State-of-the-Art Review. Journal of Pipeline Systems Engineering and Practice, 2020, 11, .	1.6	37
63	Opportunities and Challenges of Green-Lean: An Integrated System for Sustainable Construction. Sustainability, 2020, 12, 4460.	3.2	19
64	Exploratory analysis of barriers to effective post-disaster recovery. International Journal of Disaster Risk Reduction, 2020, 50, 101735.	3.9	47
65	Establishment of Effective Project Scoping Process for Highway and Bridge Construction Projects. Practice Periodical on Structural Design and Construction, 2020, 25, 06020001.	1.3	6
66	Identification of the Resilience Dimensions and Determination of Their Relationships in Critical Transportation Infrastructure. , 2020, , .		12
67	Comparative Analysis of Publicâ€™s and Decision-Makersâ€™ Perspectives on Socioeconomic Barriers Causing Delay in Post-Disaster Recovery Processes. , 2020, , .		13
68	Gender-Based Evaluation of Physical, Social, and Economic Challenges in Natural Disasters Management. , 2020, , .		8
69	Investigating the Relative Importance Barriers to Sustainable Construction Related to Owners, Contractors, and Government. , 2020, , .		3
70	Investigation of the Barriers and Their Overcoming Solutions to Womenâ€™s Involvement in the U.S. Construction Industry. , 2020, , .		8
71	A New Perspective in Integrated Facility Management: Using Kano Model to Evaluate Design and Construction, Operation, and Human Capital Attributes. , 2020, , .		1
72	Identification, Categorization, and Weighting of Barriers to Timely Post-Disaster Recovery Process. , 2019, , .		22

#	Article	IF	Citations
73	Investigating the Relationships of Socioeconomic Factors Delaying Post-Disaster Reconstruction. , 2019, , .		15
74	Identifying Effective Project-Based Communication Indicators within Primary and Secondary Stakeholders in Construction Projects. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2019, 11, .	1.4	30
75	Predictive Model Development to Perform Condition Assessment on Pipeline Networks. , 2019, , .		1
76	Identifying and Measuring Engineering, Procurement, and Construction (EPC) Key Performance Indicators and Management Strategies. Infrastructures, 2019, 4, 14.	2.8	30
77	Identification and Categorization of Policy and Legal Barriers to Long-Term Timely Postdisaster Reconstruction. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2019, 11, 04519014.	1.4	22
78	Robustness Analysis of Design Phase Performance Predictors Using Extreme Bounds Analysis (EBA). , 2019, , .		2
79	Identification of Schedule-Performance Indicators and Delay-Recovery Strategies for Low-Cost Housing Projects. Sustainability, 2019, 11, 6005.	3.2	7
80	Development of Effective Communication Framework Using Confirmatory Factor Analysis Technique. , 2019, , .		7
81	A Review of Nontraditional Teaching Methods: Flipped Classroom, Gamification, Case Study, Self-Learning, and Social Media. Education Sciences, 2019, 9, 273.	2.6	45
82	Identifying Early Indicators of Manageable Rework Causes and Selecting Mitigating Best Practices for Construction. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	53
83	Development of Effective Communication Network in Construction Projects Using Structural Equation Modeling Technique. , 2019, , .		6
84	IDENTIFICATION AND QUANTIFICATION OF PROJECT COMPLEXITY FROM PERSPECTIVE OF PRIMARY STAKEHOLDERS IN US CONSTRUCTION PROJECTS. Journal of Civil Engineering and Management, 2019, 25, 380-398.	3.5	24
85	Entity-Based Investigation of Project Complexity Impact on Size and Frequency of Construction Phase Change Orders. , 2018, , .		18
86	Development of Project Life Cycle Communication Ladder Framework Using Factor Analysis Method. , 2018, , .		0
87	Predictive Modeling of U.S. Transportation Workforce Diversity Trends: A Study of Human Capital Recruitment and Retention in Complex Environments. , 2018, , .		11
88	Investigation of Leveraging BIM Information Exchange Standards for Conducting LOD-Based Cost Estimating. , 2018, , .		2
89	Discovering the Impact of Late Change Orders and Rework on Labor Productivity: A Water Treatment Case Study Analysis Using System Dynamics Modeling. , 2018, , .		13
90	Engineering, Procurement, and Construction Cost and Schedule Performance Leading Indicators: State-of-the-Art Review. , 2018, , .		25

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91	Effectiveness Assessment of Transportation Cost Estimation and Cost Management Workforce Educational Training for Complex Projects. , 2018, , .		6
92	Phase-based analysis of key cost and schedule performance causes and preventive strategies. Engineering, Construction and Architectural Management, 2018, 25, 1009-1033.	3.1	33
93	An Optimal Preventive Maintenance Model for Natural Gas Transmission Pipelines. , 2017, , .		3
94	Exploring and Assessing Project Complexity. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	62
95	Project Scoping Process Model Development to Achieve On-Time and On-Budget Delivery of Highway Projects. Transportation Research Record, 2017, 2630, 147-155.	1.9	25
96	Assessing students' higher education performance in minority and non-minority serving universities. , 2017, , .		5
97	Project Complexity Assessment and Management Tool. Procedia Engineering, 2016, 145, 491-496.	1.2	22
98	Project Complexity Indicators and Management Strategies â€" A Delphi Study. Procedia Engineering, 2016, 145, 587-594.	1.2	47
99	Identifying and Measuring Project Complexity. Procedia Engineering, 2016, 145, 476-482.	1.2	38
100	An Empirical Study into Identifying Project Complexity Management Strategies. Procedia Engineering, 2016, 145, 603-610.	1.2	30
101	Statistical Modeling of Corrosion Failures in Natural Gas Transmission Pipelines. , 2016, , .		4
102	Investigating Implementation Level of Phase-Based Strategies in Transportation Infrastructure Projects. Canadian Journal of Civil Engineering, 0, , .	1.3	1
103	Analysis and Assessment of Graduate Students' Perception and Academic Performance Using Open Educational Resource (OER) Course Materials. , 0, , .		1
104	Innovative Higher Education Teaching and Learning Techniques: Implementation Trends and Assessment Approaches. , 0, , .		4
105	Construction Safety Training: Exploring Different Perspectives of Construction Managers and Workers. , 0, , .		0