

Limao Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

2,771
citations

29
h-index

47
g-index

167
ext. papers

4,040
ext. citations

6.4
avg, IF

6.69
L-index

#	Paper	IF	Citations
156	Data-Driven Multiscale Modelling and Analysis of COVID-19 Spatiotemporal Evolution Using Explainable AI.. <i>Sustainable Cities and Society</i> , 2022 , 103772	10.1	2
155	Information fusion for automated post-disaster building damage evaluation using deep neural network. <i>Sustainable Cities and Society</i> , 2022 , 77, 103574	10.1	3
154	Impacts of green certification programs on energy consumption and GHG emissions in buildings: A spatial regression approach. <i>Energy and Buildings</i> , 2022 , 256, 111677	7	7
153	Deep learning for detecting building façade elements from images considering prior knowledge. <i>Automation in Construction</i> , 2022 , 133, 104016	9.6	4
152	Simulation-based passenger evacuation optimization in metro stations considering multi-objectives. <i>Automation in Construction</i> , 2022 , 133, 104010	9.6	3
151	Cross-sectoral preparedness and mitigation for networked typhoon disasters with cascading effects. <i>Urban Climate</i> , 2022 , 42, 101140	6.8	0
150	Integrated Bayesian networks with GIS for electric vehicles charging site selection. <i>Journal of Cleaner Production</i> , 2022 , 344, 131049	10.3	2
149	Multi-class object detection in tunnels from 3D point clouds: An auto-optimized lazy learning approach. <i>Advanced Engineering Informatics</i> , 2022 , 52, 101543	7.4	1
148	Multi-objective optimization for cost-effective aseismic design of submerged floating tunnels considering weighted preferences. <i>Ocean Engineering</i> , 2022 , 250, 110976	3.9	
147	Data-driven estimation of TBM performance in soft soils using density-based spatial clustering and random forest. <i>Applied Soft Computing Journal</i> , 2022 , 120, 108686	7.5	0
146	An encoder-decoder deep learning method for multi-class object segmentation from 3D tunnel point clouds. <i>Automation in Construction</i> , 2022 , 137, 104187	9.6	1
145	Building vulnerability assessment in seismic areas using ensemble learning: A Nepal case study. <i>Journal of Cleaner Production</i> , 2022 , 350, 131418	10.3	2
144	An RF and LSSVM-NSGA-II method for the multi-objective optimization of high-performance concrete durability. <i>Cement and Concrete Composites</i> , 2022 , 129, 104446	8.6	1
143	Spatio-temporal heterogeneity analysis of energy use in residential buildings. <i>Journal of Cleaner Production</i> , 2022 , 352, 131422	10.3	2
142	Mitigating tunnel-induced damages using deep neural networks. <i>Automation in Construction</i> , 2022 , 138, 104219	9.6	4
141	An energy performance contracting parameter optimization method based on the response surface method: A case study of a metro in China. <i>Energy</i> , 2022 , 248, 123612	7.9	2
140	Enhanced prediction intervals of tunnel-induced settlement using the genetic algorithm and neural network. <i>Reliability Engineering and System Safety</i> , 2022 , 223, 108439	6.3	1

139	Multi-objective optimization for improved project management: Current status and future directions. <i>Automation in Construction</i> , 2022 , 139, 104256	9.6	4
138	Randomness-oriented Multi-dimensional Cloud-based belief rule Base approach for complex system modeling. <i>Expert Systems With Applications</i> , 2022 , 203, 117283	7.8	0
137	Building damage detection from satellite images after natural disasters on extremely imbalanced datasets. <i>Automation in Construction</i> , 2022 , 140, 104328	9.6	0
136	Multiscale homogenized predictive modelling of flooding surface in urban cities using physics-induced deep AI with UPC. <i>Journal of Cleaner Production</i> , 2022 , 132455	10.3	1
135	Modeling and predicting rainfall time series using seasonal-trend decomposition and machine learning. <i>Knowledge-Based Systems</i> , 2022 , 109125	7.3	2
134	An automated machine learning approach for earthquake casualty rate and economic loss prediction. <i>Reliability Engineering and System Safety</i> , 2022 , 108645	6.3	0
133	Uncertainty-oriented reliability and risk-based output control for complex systems with compatibility considerations. <i>Information Sciences</i> , 2022 , 606, 512-530	7.7	
132	Data-driven multi-output prediction for TBM performance during tunnel excavation: An attention-based graph convolutional network approach. <i>Automation in Construction</i> , 2022 , 141, 104386	9.6	2
131	Driving factors analysis of residential electricity expenditure using a multi-scale spatial regression analysis: A case study. <i>Energy Reports</i> , 2022 , 8, 7127-7142	4.6	0
130	A Prediction Model for High Risk of Positive RT-PCR Test Results in COVID-19 Patients Discharged From Wuhan Leishenshan Hospital, China. <i>Frontiers in Public Health</i> , 2021 , 9, 778539	6	0
129	Discovering spatial-temporal patterns via complex networks in investigating COVID-19 pandemic in the United States.. <i>Sustainable Cities and Society</i> , 2021 , 77, 103508	10.1	5
128	Adaptive multi-objective optimization for emergency evacuation at metro stations. <i>Reliability Engineering and System Safety</i> , 2021 , 219, 108210	6.3	10
127	Data-driven optimization for mitigating tunnel-induced damages. <i>Applied Soft Computing Journal</i> , 2021 , 108128	7.5	0
126	RISK PREDICTION AND DIAGNOSIS OF WATER SEEPAGE IN OPERATIONAL SHIELD TUNNELS BASED ON RANDOM FOREST. <i>Journal of Civil Engineering and Management</i> , 2021 , 27, 539-552	3	5
125	Concession period optimisation in complex projects under uncertainty: a public-private partnership perspective. <i>Construction Management and Economics</i> , 2021 , 39, 156-172	3	3
124	Predicting building damages in mega-disasters under uncertainty: An improved Bayesian network learning approach. <i>Sustainable Cities and Society</i> , 2021 , 66, 102689	10.1	4
123	Reliability-based multi-objective optimization in tunneling alignment under uncertainty. <i>Structural and Multidisciplinary Optimization</i> , 2021 , 63, 3007-3025	3.6	5
122	A BIM-data mining integrated digital twin framework for advanced project management. <i>Automation in Construction</i> , 2021 , 124, 103564	9.6	74

121	Simulation-based vulnerability assessment in transit systems with cascade failures. <i>Journal of Cleaner Production</i> , 2021 , 295, 126441	10.3	4
120	Data-driven quantification of public-private partnership experience levels under uncertainty with Bayesian hierarchical model. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107176	7.5	0
119	Data-driven time series prediction based on multiplicative neuron model artificial neuron network. <i>Applied Soft Computing Journal</i> , 2021 , 104, 107179	7.5	4
118	Cluster-based information fusion for probabilistic risk analysis in complex projects under uncertainty. <i>Applied Soft Computing Journal</i> , 2021 , 104, 107189	7.5	1
117	Feature-based evidential reasoning for probabilistic risk analysis and prediction. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 102, 104237	7.2	2
116	Automated process discovery from event logs in BIM construction projects. <i>Automation in Construction</i> , 2021 , 127, 103713	9.6	7
115	An adaptive decision making method with copula Bayesian network for location selection. <i>Information Sciences</i> , 2021 , 544, 56-77	7.7	6
114	Simulation-based optimization for modeling and mitigating tunnel-induced damages. <i>Reliability Engineering and System Safety</i> , 2021 , 205, 107264	6.3	5
113	Exploring multi-level motivations towards green design practices: A system dynamics approach. <i>Sustainable Cities and Society</i> , 2021 , 64, 102490	10.1	9
112	Multi-objective optimization in tunnel line alignment under uncertainty. <i>Automation in Construction</i> , 2021 , 122, 103504	9.6	10
111	Roles of artificial intelligence in construction engineering and management: A critical review and future trends. <i>Automation in Construction</i> , 2021 , 122, 103517	9.6	114
110	Probabilistic fatigue life of welded plate joints under uncertainty in Arctic areas. <i>Journal of Constructional Steel Research</i> , 2021 , 176, 106412	3.8	4
109	Artificial Intelligence in Construction Engineering and Management. <i>Lecture Notes in Civil Engineering</i> , 2021 ,	0.3	3
108	Process Mining. <i>Lecture Notes in Civil Engineering</i> , 2021 , 147-172	0.3	
107	Assessment of tunnel face stability subjected to an adjacent tunnel. <i>Reliability Engineering and System Safety</i> , 2021 , 205, 107228	6.3	13
106	Time Series Prediction. <i>Lecture Notes in Civil Engineering</i> , 2021 , 67-93	0.3	
105	Introduction to Artificial Intelligence. <i>Lecture Notes in Civil Engineering</i> , 2021 , 1-15	0.3	1
104	Expert Systems. <i>Lecture Notes in Civil Engineering</i> , 2021 , 201-230	0.3	

103	Fuzzy Modeling and Reasoning. <i>Lecture Notes in Civil Engineering</i> , 2021 , 41-66	0.3	
102	Transparent Digital Twin for Output Control Using Belief Rule Base. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	15
101	Agent-Based Simulation. <i>Lecture Notes in Civil Engineering</i> , 2021 , 173-199	0.3	
100	Knowledge Representation and Discovery. <i>Lecture Notes in Civil Engineering</i> , 2021 , 17-39	0.3	
99	Dynamic Bayesian Networks. <i>Lecture Notes in Civil Engineering</i> , 2021 , 125-146	0.3	1
98	Information Fusion. <i>Lecture Notes in Civil Engineering</i> , 2021 , 95-124	0.3	
97	A consistently fast and accurate algorithm for estimating camera pose from point correspondences. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 172, 1089-114	4.6	1
96	Vulnerability modeling and assessment in urban transit systems considering disaster chains: A weighted complex network approach. <i>International Journal of Disaster Risk Reduction</i> , 2021 , 54, 102033	4.5	7
95	Correlation-oriented complex system structural risk assessment using Copula and belief rule base. <i>Information Sciences</i> , 2021 , 564, 220-236	7.7	3
94	Hybrid deep learning of social media big data for predicting the evolution of COVID-19 transmission. <i>Knowledge-Based Systems</i> , 2021 , 233, 107417	7.3	8
93	Semi-supervised learning with GAN for automatic defect detection from images. <i>Automation in Construction</i> , 2021 , 128, 103764	9.6	14
92	Legal Risk Assessment Framework for International PPP Projects Based on Metanetwork. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021090	4.2	0
91	Multi-source information fusion for safety risk assessment in underground tunnels. <i>Knowledge-Based Systems</i> , 2021 , 227, 107210	7.3	5
90	Estimating long-term impacts of tunnel infrastructure development on urban sustainability using granular computing. <i>Applied Soft Computing Journal</i> , 2021 , 113, 107932	7.5	1
89	BIM-based green building evaluation and optimization: A case study. <i>Journal of Cleaner Production</i> , 2021 , 320, 128824	10.3	7
88	Explainable data-driven optimization for complex systems with non-preferential multiple outputs using belief rule base. <i>Applied Soft Computing Journal</i> , 2021 , 110, 107581	7.5	3
87	Retraceable and online multi-objective active optimal control using belief rule base. <i>Knowledge-Based Systems</i> , 2021 , 107553	7.3	0
86	Enhancing building energy efficiency using a random forest model: A hybrid prediction approach. <i>Energy Reports</i> , 2021 , 7, 5003-5012	4.6	4

85	Resilience assessment of regional areas against earthquakes using multi-source information fusion. <i>Reliability Engineering and System Safety</i> , 2021 , 215, 107833	6.3	9
84	Correlating dynamic climate conditions and socioeconomic-governmental factors to spatiotemporal spread of COVID-19 via semantic segmentation deep learning analysis. <i>Sustainable Cities and Society</i> , 2021 , 75, 103231	10.1	5
83	Vulnerability modeling, assessment, and improvement in urban metro systems: A probabilistic system dynamics approach. <i>Sustainable Cities and Society</i> , 2021 , 75, 103329	10.1	2
82	Spatio-temporal feature fusion for real-time prediction of TBM operating parameters: A deep learning approach. <i>Automation in Construction</i> , 2021 , 132, 103937	9.6	5
81	Optimizing energy efficiency and thermal comfort in building green retrofit. <i>Energy</i> , 2021 , 237, 121509	7.9	23
80	Time-series interval prediction under uncertainty using modified double multiplicative neuron network. <i>Expert Systems With Applications</i> , 2021 , 184, 115478	7.8	2
79	Multi-objective optimization for limiting tunnel-induced damages considering uncertainties. <i>Reliability Engineering and System Safety</i> , 2021 , 216, 107945	6.3	28
78	Probabilistic assessment of time to cracking of concrete cover due to corrosion using semantic segmentation of imaging probe sensor data. <i>Automation in Construction</i> , 2021 , 132, 103963	9.6	1
77	Discovering optimal strategies for mitigating COVID-19 spread using machine learning: Experience from Asia. <i>Sustainable Cities and Society</i> , 2021 , 75, 103254	10.1	8
76	A two-step approach for cost-effective design analysis of Net Zero Energy Homes. <i>Journal of Building Engineering</i> , 2020 , 32, 101546	5.2	1
75	Energy consumption prediction and diagnosis of public buildings based on support vector machine learning: A case study in China. <i>Journal of Cleaner Production</i> , 2020 , 272, 122542	10.3	34
74	Guarantee optimization in energy performance contracting with real option analysis. <i>Journal of Cleaner Production</i> , 2020 , 258, 120908	10.3	8
73	Collaborative relationship discovery in BIM project delivery: A social network analysis approach. <i>Automation in Construction</i> , 2020 , 114, 103147	9.6	25
72	Multi-classifier information fusion in risk analysis. <i>Information Fusion</i> , 2020 , 60, 121-136	16.7	76
71	BIM log mining: Learning and predicting design commands. <i>Automation in Construction</i> , 2020 , 112, 103107	9.7	23
70	Hybrid belief rule base for regional railway safety assessment with data and knowledge under uncertainty. <i>Information Sciences</i> , 2020 , 518, 376-395	7.7	15
69	Data-driven estimation of building energy consumption with multi-source heterogeneous data. <i>Applied Energy</i> , 2020 , 268, 114965	10.7	47
68	Clustering of designers based on building information modeling event logs. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2020 , 35, 701-718	8.4	12

67	Structural Health-Monitoring and Assessment in Tunnels: Hybrid Simulation Approach. <i>Journal of Performance of Constructed Facilities</i> , 2020 , 34, 04020045	2	5
66	BAYESIAN BELIEF NETWORK-BASED PROJECT COMPLEXITY MEASUREMENT CONSIDERING CAUSAL RELATIONSHIPS. <i>Journal of Civil Engineering and Management</i> , 2020 , 26, 200-215	3	7
65	Performance risk assessment in public-private partnership projects based on adaptive fuzzy cognitive map. <i>Applied Soft Computing Journal</i> , 2020 , 93, 106413	7.5	8
64	BIM log mining: Exploring design productivity characteristics. <i>Automation in Construction</i> , 2020 , 109, 102997	9.6	15
63	Energy performance optimisation of building envelope retrofit through integrated orthogonal arrays with data envelopment analysis. <i>Renewable Energy</i> , 2020 , 149, 1414-1423	8.1	21
62	A novel learning cloud Bayesian network for risk measurement. <i>Applied Soft Computing Journal</i> , 2020 , 87, 105947	7.5	16
61	Design and assessment of octocopter drones with improved aerodynamic efficiency and performance. <i>Aerospace Science and Technology</i> , 2020 , 106, 106206	4.9	9
60	Linking project complexity to project success: a hybrid SEM-BCM method. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 2591-2614	3.1	7
59	A new lossy compression algorithm for wireless sensor networks using Bayesian predictive coding. <i>Wireless Networks</i> , 2020 , 26, 5981-5995	2.5	5
58	Cross-scale generative adversarial network for crowd density estimation from images. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 94, 103777	7.2	5
57	Mining event logs for knowledge discovery based on adaptive efficient fuzzy Kohonen clustering network. <i>Knowledge-Based Systems</i> , 2020 , 209, 106482	7.3	9
56	A spatial-channel hierarchical deep learning network for pixel-level automated crack detection. <i>Automation in Construction</i> , 2020 , 119, 103357	9.6	33
55	Computational methodologies for optimal sensor placement in structural health monitoring: A review. <i>Structural Health Monitoring</i> , 2020 , 19, 1287-1308	4.4	35
54	Improved Fuzzy Bayesian Network-Based Risk Analysis With Interval-Valued Fuzzy Sets and D _B Evidence Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2063-2077	8.3	69
53	Optimal Strategy to Mitigate Tunnel-Induced Settlement in Soft Soils: Simulation Approach. <i>Journal of Performance of Constructed Facilities</i> , 2019 , 33, 04019058	2	8
52	Hybrid BN Approach to Analyzing Risk in Tunnel-Induced Bridge Damage. <i>Journal of Performance of Constructed Facilities</i> , 2019 , 33, 04019048	2	2
51	Optimal scheme in energy performance contracting under uncertainty: A real option perspective. <i>Journal of Cleaner Production</i> , 2019 , 231, 240-253	10.3	14
50	Modeling risks in dependent systems: A Copula-Bayesian approach. <i>Reliability Engineering and System Safety</i> , 2019 , 188, 416-431	6.3	41

49	Earthquake emergency response framework on campus based on multi-source data monitoring. <i>Journal of Cleaner Production</i> , 2019 , 238, 117965	10.3	7
48	Structural health monitoring and assessment using wavelet packet energy spectrum. <i>Safety Science</i> , 2019 , 120, 652-665	5.8	32
47	UNDERSTANDING CRITICAL VARIABLES CONTRIBUTING TO COMPETITIVE ADVANTAGES OF INTERNATIONAL HIGH-SPEED RAILWAY CONTRACTORS. <i>Journal of Civil Engineering and Management</i> , 2019 , 25, 184-202	3	12
46	Modeling face reliability in tunneling: A copula approach. <i>Computers and Geotechnics</i> , 2019 , 109, 272-286	4.4	13
45	Discovering worst fire scenarios in subway stations: A simulation approach. <i>Automation in Construction</i> , 2019 , 99, 183-196	9.6	32
44	BIM log mining: Discovering social networks. <i>Automation in Construction</i> , 2018 , 91, 31-43	9.6	36
43	Perceiving interactions and dynamics of safety leadership in construction projects. <i>Safety Science</i> , 2018 , 106, 66-78	5.8	23
42	A hybrid information fusion approach to safety risk perception using sensor data under uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 105-122	3.5	13
41	Probabilistic analysis of tunneling-induced building safety assessment using a hybrid FE-copula model. <i>Structure and Infrastructure Engineering</i> , 2018 , 14, 1065-1081	2.9	9
40	Sensitivity analysis of structural health risk in operational tunnels. <i>Automation in Construction</i> , 2018 , 94, 135-153	9.6	25
39	Simulation-Hybrid Approach to Protecting Aging Bridges against Nearby Tunnel Excavation. <i>Journal of Performance of Constructed Facilities</i> , 2018 , 32, 04018052	2	1
38	Valuation of energy efficient certificates in buildings. <i>Energy and Buildings</i> , 2018 , 158, 1226-1240	7	29
37	BIM Log Mining: Measuring Design Productivity. <i>Journal of Computing in Civil Engineering</i> , 2018 , 32, 04017071	7.071	17
36	Risk-based estimate for operational safety in complex projects under uncertainty. <i>Applied Soft Computing Journal</i> , 2017 , 54, 108-120	7.5	21
35	An integrated simulation and optimization approach for reducing CO ₂ emissions from on-site construction process in cold regions. <i>Energy and Buildings</i> , 2017 , 138, 666-675	7	25
34	Fuzzy cognitive maps enabled root cause analysis in complex projects. <i>Applied Soft Computing Journal</i> , 2017 , 57, 235-249	7.5	25
33	Global Sensitivity Analysis of Tunnel-Induced Building Movements by a Precise Metamodel. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 04017037	5	18
32	Performing Global Uncertainty and Sensitivity Analysis from Given Data in Tunnel Construction. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 04017065	5	27

31	An improved Dempster-Shafer approach to construction safety risk perception. <i>Knowledge-Based Systems</i> , 2017 , 132, 30-46	7.3	66
30	Intelligent Approach to Estimation of Tunnel-Induced Ground Settlement Using Wavelet Packet and Support Vector Machines. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 04016053	5	35
29	Perceiving safety risk of buildings adjacent to tunneling excavation: An information fusion approach. <i>Automation in Construction</i> , 2017 , 73, 88-101	9.6	84
28	Overcoming the barriers for the development of green building certification in China. <i>Journal of Housing and the Built Environment</i> , 2016 , 31, 69-92	2	16
27	BIM-BASED RISK IDENTIFICATION SYSTEM IN TUNNEL CONSTRUCTION. <i>Journal of Civil Engineering and Management</i> , 2016 , 22, 529-539	3	61
26	Strategies to Reduce Ground Settlement from Shallow Tunnel Excavation: A Case Study in China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016 , 142, 04016001	4.2	10
25	A major infrastructure risk-assessment framework: Application to a cross-sea route project in China. <i>International Journal of Project Management</i> , 2016 , 34, 1403-1415	7.6	39
24	Assessing incremental cost-efficiency of eco-footprint saving measures for school buildings: The case of the Inner Mongolia region in China. <i>Engineering Economist</i> , 2016 , 61, 244-261	0.8	3
23	Simulation-Based Analysis of Tunnel Boring Machine Performance in Tunneling Excavation. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 04015073	5	7
22	Case Study of Integrated Prefab Accommodations System for Migrant On-Site Construction Workers in China. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016 , 142, 05016005	0.7	13
21	Towards a Fuzzy Bayesian Network Based Approach for Safety Risk Analysis of Tunnel-Induced Pipeline Damage. <i>Risk Analysis</i> , 2016 , 36, 278-301	3.9	106
20	Perceiving Interactions on Construction Safety Behaviors: Workers' Perspective. <i>Journal of Management in Engineering - ASCE</i> , 2016 , 32, 04016012	5.3	28
19	Simulation-based route planning for pedestrian evacuation in metro stations: A case study. <i>Automation in Construction</i> , 2016 , 71, 430-442	9.6	61
18	Dynamic risk analysis for adjacent buildings in tunneling environments: a Bayesian network based approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 1447-1461	3.5	18
17	Prospective safety performance evaluation on construction sites. <i>Accident Analysis and Prevention</i> , 2015 , 78, 58-72	6.1	75
16	Strategic design of cost savings guarantee in energy performance contracting under uncertainty. <i>Applied Energy</i> , 2015 , 139, 68-80	10.7	38
15	Making optimal investment decisions for energy service companies under uncertainty: A case study. <i>Energy</i> , 2015 , 88, 234-243	7.9	23
14	Conservation of historical buildings in tunneling environments: Case study of Wuhan metro construction in China. <i>Construction and Building Materials</i> , 2015 , 82, 310-322	6.7	27

13	How to protect historical buildings against tunnel-induced damage: A case study in China. <i>Journal of Cultural Heritage</i> , 2015 , 16, 904-911	2.9	13
12	A dynamic Bayesian network based approach to safety decision support in tunnel construction. <i>Reliability Engineering and System Safety</i> , 2015 , 134, 157-168	6.3	109
11	A Dynamic Decision Approach for Risk Analysis in Complex Projects. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015 , 79, 591-601	2.9	7
10	Developing a cloud model based risk assessment methodology for tunnel-induced damage to existing pipelines. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 513-526	3.5	58
9	Updating geological conditions using Bayes theorem and Markov chain 2015 ,		5
8	A probabilistic approach for safety risk analysis in metro construction. <i>Safety Science</i> , 2014 , 63, 8-17	5.8	73
7	Towards a safety management approach for adjacent buildings in tunneling environments: Case study in China. <i>Building and Environment</i> , 2014 , 75, 222-235	6.5	27
6	Bayesian-network-based safety risk analysis in construction projects. <i>Reliability Engineering and System Safety</i> , 2014 , 131, 29-39	6.3	151
5	Safety management in tunnel construction: Case study of Wuhan metro construction in China. <i>Safety Science</i> , 2014 , 62, 8-15	5.8	52
4	A simulation-based decision model for designing contract period in building energy performance contracting. <i>Building and Environment</i> , 2014 , 71, 71-80	6.5	43
3	Decision support analysis for safety control in complex project environments based on Bayesian Networks. <i>Expert Systems With Applications</i> , 2013 , 40, 4273-4282	7.8	64
2	A novel model for risk assessment of adjacent buildings in tunneling environments. <i>Building and Environment</i> , 2013 , 65, 185-194	6.5	49
1	A probabilistic approach to assessing project complexity dynamics under uncertainty. <i>Soft Computing</i> , 1	3.5	0