List of Publications by Year in descending order

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RUOVULIN

#	Article	IF	CITATIONS
1	An empirical study of perceptions towards construction and demolition waste recycling and reuse in China. Resources, Conservation and Recycling, 2017, 126, 86-98.	10.8	275
2	A holistic review of off-site construction literature published between 2008 and 2018. Journal of Cleaner Production, 2018, 202, 1202-1219.	9.3	238
3	Science mapping approach to assisting the review of construction and demolition waste management research published between 2009 and 2018. Resources, Conservation and Recycling, 2019, 140, 175-188.	10.8	228
4	A science mapping approach based review of construction safety research. Safety Science, 2019, 113, 285-297.	4.9	173
5	A holistic review of cement composites reinforced with graphene oxide. Construction and Building Materials, 2018, 171, 291-302.	7.2	153
6	Adopting recycled aggregates as sustainable construction materials: A review of the scientific literature. Construction and Building Materials, 2019, 218, 483-496.	7.2	106
7	Comparison of Data Mining Techniques for Predicting Compressive Strength of Environmentally Friendly Concrete. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	103
8	BIM Investment, Returns, and Risks in China's AEC Industries. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	91
9	Design for manufacture and assembly in construction: a review. Building Research and Information, 2020, 48, 538-550.	3.9	81
10	Investigating the effects of steel slag powder on the properties of self-compacting concrete with recycled aggregates. Construction and Building Materials, 2019, 200, 570-577.	7.2	79
11	Empirical Study of BIM Implementation–Based Perceptions among Chinese Practitioners. Journal of Management in Engineering - ASCE, 2017, 33, .	4.8	77
12	Mechanical properties of recycled aggregate concrete modified by nano-particles. Construction and Building Materials, 2020, 241, 118030.	7.2	75
13	Multilevel Safety Culture and Climate Survey for Assessing New Safety Program. Journal of Construction Engineering and Management - ASCE, 2013, 139, 805-817.	3.8	70
14	Scientometric analysis of BIM-based research in construction engineering and management. Engineering, Construction and Architectural Management, 2019, 26, 1750-1776.	3.1	69
15	Integrating BIM with building performance analysis in project life-cycle. Automation in Construction, 2019, 106, 102861.	9.8	57
16	Project-based pedagogy in interdisciplinary building design adopting BIM. Engineering, Construction and Architectural Management, 2018, 25, 1376-1397.	3.1	55
17	THE ANALYSIS OF BARRIERS TO BIM IMPLEMENTATION FOR INDUSTRIALIZED BUILDING CONSTRUCTION: A CHINA STUDY. Journal of Civil Engineering and Management, 2021, 27, 1-13.	3.5	55
18	Perceptions towards risks involved in off-site construction in the integrated design & amp; construction project delivery. Journal of Cleaner Production, 2019, 213, 899-914.	9.3	52

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19	Facilitating Building Information Modelling (BIM) using Integrated Project Delivery (IPD): A UK perspective. Journal of Building Engineering, 2019, 26, 100907.	3.4	49
20	Strength and ductility improvement of recycled aggregate concrete by polyester FRP-PVC tube confinement. Composites Part B: Engineering, 2019, 162, 178-197.	12.0	49
21	Environmental performance of off-site constructed facilities: A critical review. Energy and Buildings, 2020, 207, 109567.	6.7	49
22	Investigation of Concrete Recycling in the U.S. Construction Industry. Procedia Engineering, 2015, 118, 894-901.	1.2	46
23	Studying the mix design and investigating the photocatalytic performance of pervious concrete containing TiO2-Soaked recycled aggregates. Journal of Cleaner Production, 2020, 248, 119281.	9.3	43
24	Measurement of reinforcement corrosion in concrete adopting ultrasonic tests and artificial neural network. Construction and Building Materials, 2018, 177, 125-133.	7.2	42
25	A comparison of subgroup construction workers' perceptions of a safety program. Safety Science, 2015, 74, 15-26.	4.9	41
26	Effects of sustained loading and corrosion on the performance of reinforced concrete beams. Construction and Building Materials, 2018, 169, 179-187.	7.2	41
27	Investigation of Demographic Factors in Construction Employees' Safety Perceptions. KSCE Journal of Civil Engineering, 2019, 23, 2815-2828.	1.9	41
28	Review of BIM Adoption in the Higher Education of AEC Disciplines. Journal of Civil Engineering Education, 2020, 146, .	1.4	39
29	Safety4Site Commitment to Enhance Jobsite Safety Management and Performance. Journal of Construction Engineering and Management - ASCE, 2012, 138, 509-519.	3.8	37
30	Experimental Investigation of Properties of Concrete Containing Recycled Construction Wastes. International Journal of Civil Engineering, 2018, 16, 1621-1633.	2.0	35
31	BIM-based mixed-reality application for bridge inspection and maintenance. Construction Innovation, 2022, 22, 487-503.	2.7	34
32	Eye-Tracking Experimental Study Investigating the Influence Factors of Construction Safety Hazard Recognition. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	33
33	Survey of the current status of sustainable concrete production in the U.S Resources, Conservation and Recycling, 2015, 105, 148-159.	10.8	32
34	Study of the Relationship between Procurement Duration and Project Performance in Design-Build Projects: Comparison between Water/Wastewater and Transportation Sectors. Journal of Management in Engineering - ASCE, 2013, 29, 382-391.	4.8	29
35	Employees' Safety Perceptions of Site Hazard and Accident Scenes. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	3.8	28
36	Multivariate regression models for predicting the compressive strength of bone ash stabilized lateritic soil for sustainable building. Construction and Building Materials, 2020, 263, 120677.	7.2	28

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37	Immersive technology-driven investigations on influence factors of cognitive load incurred in construction site hazard recognition, analysis and decision making. Advanced Engineering Informatics, 2021, 48, 101298.	8.0	28
38	Experimental investigation of photocatalytic effects of concrete in air purification adopting entire concrete waste reuse model. Journal of Hazardous Materials, 2018, 353, 421-430.	12.4	27
39	Scientometric Review of Articles Published in ASCE's <i>Journal of Construction Engineering and Management</i> from 2000 to 2018. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	3.8	26
40	A Holistic Review of Public-Private Partnership Literature Published between 2008 and 2018. Advances in Civil Engineering, 2019, 2019, 1-18.	0.7	24
41	AEC Students' Perceptions of BIM Practice at Swinburne University of Technology. Journal of Professional Issues in Engineering Education and Practice, 2019, 145, .	0.9	22
42	Non-linear and mixed regression models in predicting sustainable concrete strength. Construction and Building Materials, 2018, 170, 142-152.	7.2	21
43	Defining and Testing a Safety Cognition Framework Incorporating Safety Hazard Perception. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	3.8	21
44	Process and Outcome-based Evaluation between Virtual Reality-driven and Traditional Construction Safety Training. Advanced Engineering Informatics, 2022, 52, 101634.	8.0	21
45	Structural Damage Identification of Bridges from Passing Test Vehicles. Sensors, 2018, 18, 4035.	3.8	20
46	Comparisons of students' perceptions on BIM practice among Australia, China and UK. Engineering, Construction and Architectural Management, 2019, 26, 1899-1923.	3.1	19
47	Digital entrepreneurship: global maps and trends of research. Journal of Business and Industrial Marketing, 2023, 38, 637-655.	3.0	19
48	Understanding a Contractor's Regional Variations in Safety Performance. Journal of Construction Engineering and Management - ASCE, 2013, 139, 641-653.	3.8	18
49	Damage Evolution of RC Beams Under Simultaneous Reinforcement Corrosion and Sustained Load. Materials, 2019, 12, 627.	2.9	18
50	Constructing a BIM Climate–Based Framework: Regional Case Study in China. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	3.8	17
51	Overview of Concrete Recycling Legislation and Practice in the United States. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	3.8	17
52	Big data, technology capability and construction project quality: a cross-level investigation. Engineering, Construction and Architectural Management, 2020, 28, 706-727.	3.1	16
53	Feasibility Study of Tractor-Test Vehicle Technique for Practical Structural Condition Assessment of Beam-Like Bridge Deck. Remote Sensing, 2020, 12, 114.	4.0	16
54	Analyzing the Key Drivers of Contractors' Temporary Competitive Advantage in the Competition of International High-speed Rail Projects. KSCE Journal of Civil Engineering, 2019, 23, 4579-4591.	1.9	15

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55	Multivariate regression models in estimating the behavior of FRP tube encased recycled aggregate concrete. Construction and Building Materials, 2018, 191, 216-227.	7.2	14
56	Structural Equation Modeling Approach to Studying the Relationships among Safety Investment, Construction Employees' Safety Cognition, and Behavioral Performance. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	14
57	Capital Structure of Public–Private Partnership Projects: A Sustainability Perspective. Sustainability, 2019, 11, 3505.	3.2	13
58	Investigation of individual perceptions towards BIM implementation-a Chongqing case study. Engineering, Construction and Architectural Management, 2019, 26, 1455-1475.	3.1	13
59	Regional Comparisons of Contemporary Construction Industry Sustainable Concepts in the Chinese Context. Sustainability, 2018, 10, 3831.	3.2	12
60	Compressive performance of fiber reinforced polymer encased recycled concrete with nanoparticles. Journal of Materials Research and Technology, 2021, 14, 2727-2738.	5.8	12
61	Investigation of interoperability between building information modelling (BIM) and building energy simulation (BES). International Review of Applied Sciences and Engineering, 2018, 9, 137-144.	0.4	11
62	Incorporating Woodwork Fabrication into the Integrated Teaching and Learning of Civil Engineering Students. Journal of Professional Issues in Engineering Education and Practice, 2018, 144, .	0.9	11
63	Prioritizing the Sustainability Objectives of Major Public Projects in the Guangdong–Hong Kong–Macao Greater Bay Area. Sustainability, 2018, 10, 4110.	3.2	10
64	Understanding the Double-Level Influence of Guanxi on Construction Innovation in China: The Mediating Role of Interpersonal Knowledge Sharing and the Cross-Level Moderating Role of Inter-Organizational Relationships. Sustainability, 2019, 11, 1657.	3.2	10
65	Reliability evaluation index for the integrated supply chain utilising BIM and lean approaches. Engineering, Construction and Architectural Management, 2020, 27, 997-1038.	3.1	10
66	Incorporating BIM in the Final Semester Undergraduate Project of Construction Management — A Case Study in Fuzhou University. KSCE Journal of Civil Engineering, 2020, 24, 2403-2418.	1.9	8
67	The development of SUCCEED: urban sustainability assessment tool for developing countries with focus on Nigeria. International Journal of Building Pathology and Adaptation, 2022, 40, 380-404.	1.3	7
68	Conceptual Development of a Compact Unglazed Solar Thermal Facade (STF) for Building Integration. Energy Procedia, 2016, 96, 42-54.	1.8	6
69	Text Mining–Based Review of Articles Published in the <i>Journal of Professional Issues in Engineering Education and Practice</i> . Journal of Professional Issues in Engineering Education and Practice, 2019, 145, .	0.9	6
70	Civil engineering students' perceptions of emergency remote teaching: a case study in New Zealand. European Journal of Engineering Education, 2022, 47, 679-696.	2.3	5
71	Optimization of the preparation process of Fair-Faced concrete incorporating recycled aggregates. Construction and Building Materials, 2022, 326, 126908.	7.2	5
72	TowardÂnextâ€generation engineering education: A case study of an engineering capstone project based on BIM technology in MEP systems. Computer Applications in Engineering Education, 0, , .	3.4	3

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73	Testing the Effects of the Digital Linguistic Landscape on Engineering Education for Smart Construction. Computational Intelligence and Neuroscience, 2022, 2022, 1-18.	1.7	3
74	Adopting a QCA Approach to Investigating the Risks Involved in Megaprojects from Auditing Perspective. Discrete Dynamics in Nature and Society, 2019, 2019, 1-9.	0.9	2
75	Current Management Approach. , 2019, , 29-92.		1
76	A Survey on Users' Perspectives to Functionalities of Web-Based Construction Collaboration Extranets. International Journal of E-Collaboration, 2019, 15, 1-17.	0.5	1
77	Grounded Theory and Social Psychology Approach to Investigating the Formation of Construction Workers' Unsafe Behaviour. Computational Intelligence and Neuroscience, 2022, 2022, 1-16.	1.7	1
78	Scientometric review ofÂconstruction conflict fromÂ1991Âto 2020. Engineering, Construction and Architectural Management, 2023, 30, 4210-4228.	3.1	1
79	Dynamic Characteristics and Failure Mechanism of Vegetated Revetment under Cyclic Loading. Materials, 2019, 12, 716.	2.9	0
80	Molecular Dynamics Simulation of Reinforcing Steel Corrosion when Subjected to Both Chloride Attack and Mechanical Loading. Medziagotyra, 2020, 26, 261-268.	0.2	0
81	Developing a methodological framework for adopting digitalization for deconstruction planning. AIP Conference Proceedings, 2021, , .	0.4	0
82	The implications of adopting sustainable urbanism in developing resilient places in Abuja, Nigeria. International Journal of Building Pathology and Adaptation, 2022, ahead-of-print, .	1.3	0