Sustainability in highrise building design and construct

Citation Report

#	ARTICLE	IF	CITATIONS
1	APPLICATIONS OF GRAVITATIONAL SEARCH ALGORITHM IN ENGINEERING. Journal of Civil Engineering and Management, 2016, 22, 981-990.	3.5	18
2	Design technology based on resizing method for reduction of costs and carbon dioxide emissions of high-rise buildings. Energy and Buildings, 2017, 138, 612-620.	6.7	24
3	A smart elevator scheduler that considers dynamic changes of energy cost and user traffic. Integrated Computer-Aided Engineering, 2017, 24, 187-202.	4.6	11
4	Diagrid: An innovative, sustainable, and efficient structural system. Structural Design of Tall and Special Buildings, 2017, 26, e1358.	1.9	43
5	Multiobjective Environmentally Sustainable Road Network Design Using Pareto Optimization. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 964-987.	9.8	34
6	New method for modal identification of super high-rise building structures using discretized synchrosqueezed wavelet and Hilbert transforms. Structural Design of Tall and Special Buildings, 2017, 26, e1312.	1.9	116
7	A new hybrid fuzzy MCDM approach for evaluation of construction equipment with sustainability considerations. Archives of Civil and Mechanical Engineering, 2018, 18, 32-49.	3.8	139
8	Novel Machine-Learning Model for Estimating Construction Costs Considering Economic Variables and Indexes. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	3.8	146
9	Sustainable Decision-Making in Civil Engineering, Construction and Building Technology. Sustainability, 2018, 10, 14.	3.2	118
10	Seismic Performance Assessment and Loss Estimation of Steel Diagrid Structures. Journal of Structural Engineering, 2018, 144, .	3.4	26
11	A Boolean Networks Approach to Modeling and Resilience Analysis of Interdependent Critical Infrastructures. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 1041-1055.	9.8	26
12	Seismic performance factors for low‐to mid‐rise steel diagrid structural systems. Structural Design of Tall and Special Buildings, 2018, 27, e1505.	1.9	27
13	The Effect of Waste Mineral Powders on the Structure of Air Voids in Low-Strength Air-Entrained Concrete Floor Screeds. Waste and Biomass Valorization, 2020, 11, 2211-2225.	3.4	2
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15	Experimentally and Numerically Investigating the Performances of Aramid Fiber-Reinforced Steel Beams Under Impact Loadings. Arabian Journal for Science and Engineering, 2020, 45, 8053-8068.	3.0	6
16	Assessing the Sustainability of Alternative Structural Solutions of a Building: A Case Study. Buildings, 2020, 10, 36.	3.1	16
17	Progress in sustainable structural engineering: a review. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	9
18	Enhanced mechanical energy conversion with selectively decayed wood. Science Advances, 2021, 7, .	10.3	51

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19	Multi-zone optimisation of high-rise buildings using artificial intelligence for sustainable metropolises. Part 2: Optimisation problems, algorithms, results, and method validation. Solar Energy, 2021, 224, 309-326.	6.1	12
20	Detection of Trees on Street-View Images Using a Convolutional Neural Network. International Journal of Neural Systems, 2022, 32, 2150042.	5.2	21
21	Novel Approach for Concrete Mixture Design Using Neural Dynamics Model and Virtual Lab Concept. ACI Materials Journal, 2017, 114, .	0.2	23
22	Multi-agent replicator controller for sustainable vibration control of smart structures. Journal of Vibroengineering, 2017, 19, 4300-4322.	1.0	45
23	Behaviour of Different Lateral Stability Structural Systems for the Tall Steel Structures Under Wind Loads. Lecture Notes in Civil Engineering, 2021, , 211-221.	0.4	0
24	Bending Behavior of Nailed-Jointed Cross-Laminated Timber Loaded Perpendicular to Plane. Journal of the Korean Wood Science and Technology, 2017, 45, 728-736.	3.0	4
25	Insulation Saving Effect for Korean Apartment House Using Cross-Laminated Timber (CLT). Journal of the Korean Wood Science and Technology, 2017, 45, 846-856.	3.0	6
26	Multi-agent modeling of hazard-household-infrastructure nexus for equitable resilience assessment. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 1491-1520.	9.8	19
27	Seismic reliability evaluation of a tall concrete-timber hybrid structural system. Structural Design of Tall and Special Buildings, 0, , .	1.9	1
28	Toward Responsible Design of Low-Carbon Buildings: From Concept to Engineering. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2022, 8, .	1.7	1
29	A stochastic programming approach to enhance the resilience of infrastructure under weather-related risk. Computer-Aided Civil and Infrastructure Engineering, 2023, 38, 411-432.	9.8	6
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31	Community resilience assessment via agent-based modeling approach. Computer-Aided Civil and Infrastructure Engineering, 2023, 38, 920-939.	9.8	8
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33	Sustainable Development of Civil Engineering, Construction and Building Technology. International Journal of Advanced Research in Science, Communication and Technology, 0, , 185-190.	0.0	0
34	Post-earthquake functionality assessment of subway stations considering the interdependency among sub-systems. Computer-Aided Civil and Infrastructure Engineering, 2024, 39, 136-161.	9.8	2
36	Construction and demolition waste disposal charging scheme design. Computer-Aided Civil and Infrastructure Engineering, 2024, 39, 222-241.	9.8	1
37	Seismic robustness computational methodology of community building portfolio coupled with water supply network based on probability-cloud model. Computer-Aided Civil and Infrastructure Engineering, 0, , .	9.8	0