

Torsion design of CFRP-CFST columns using a data-driven

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mode â... dynamic fracture toughness of rubberised concrete using a drop hammer device and split Hopkinson pressure bar. <i>Journal of Building Engineering</i> , 2022, 48, 103995.	3.4	14
2	Axisymmetric thermoelastic analysis of long cylinder made of FGM reinforced by aluminum and silicone carbide using DQM. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	2
3	A layer-wise formulation for transient response of composite sandwich panel in the exposure of thermal shock loading by considering novel linear and torsional elastic foundation. <i>Composite Structures</i> , 2022, 285, 115194.	5.8	2
4	Effects of polymerâ€™s viscoelastic properties and curved shape of the CNTs on the dynamic response of hybrid nanocomposite beams. <i>Waves in Random and Complex Media</i> , 0, , 1-18.	2.7	8
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7	Combined Utilization of Construction and Demolition Waste and Propylene Fiber in Cement-Stabilized Soil. <i>Buildings</i> , 2022, 12, 350.	3.1	17
8	Fabrication and characterization of wollastonite-titanium porous scaffold for pharmaceutical application: Representative volume element simulation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 280, 115684.	3.5	6
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14	Simultaneous effect of Artificial and natural of pozzolanic materials on corrosion behavior of AISI 1020 carbon steel reinforcing bars embedded in concrete and exposed to 3.5% NaCl. <i>International Journal of Electrochemical Science</i> , 0, , ArticleID:220629.	1.3	0
15	Molecular interfacial properties and engineering performance of conductive fillers in cementitious composites. <i>Journal of Materials Research and Technology</i> , 2022, 19, 591-604.	5.8	14
16	Carbon Emission Characteristics of Resource-Based Cities in China. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 4579-4591.	1.9	8
17	An interpretable ensemble-learning-based open source model for evaluating the fire resistance of concrete-filled steel tubular columns. <i>Engineering Structures</i> , 2022, 270, 114886.	5.3	8
18	Prediction of concrete materials compressive strength using surrogate models. <i>Structures</i> , 2022, 46, 1243-1267.	3.6	26

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19	An automatic visible explainer of geometric knowledge for aeroshape design optimization based on SHAP. <i>Aerospace Science and Technology</i> , 2022, 131, 107993.	4.8	6
20	Optimized data-driven machine learning models for axial strength prediction of rectangular CFST columns. <i>Structures</i> , 2023, 47, 760-780.	3.6	11
21	Mapping the strength of agro-ecological lightweight concrete containing oil palm by-product using artificial intelligence techniques. <i>Structures</i> , 2023, 48, 1209-1229.	3.6	15
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23	A comprehensive and reliable investigation of axial capacity of Sy-CFST columns using machine learning-based models. <i>Engineering Structures</i> , 2023, 284, 115956.	5.3	14
24	Performance-Based Seismic Design of Hybrid GFRP-Steel Reinforced Concrete Bridge Columns. <i>Journal of Composites for Construction</i> , 2023, 27, .	3.2	1
25	A general integrated machine learning pipeline: Its concept, main steps and application in shear strength prediction of RC beams strengthened with FRCM. <i>Engineering Structures</i> , 2023, 281, 115749.	5.3	3
26	Experimental and analytical study of thin-walled stirrup-confined CFST piers under pseudo-static loading. <i>Journal of Constructional Steel Research</i> , 2023, 210, 108047.	3.9	5
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38	Data-driven prediction and optimization of axial compressive strength for FRP-reinforced CFST columns using synthetic data augmentation. <i>Engineering Structures</i> , 2024, 300, 117225.	5.3	1
39	Augmented Data-Driven Machine Learning for Digital Twin of Stud Shear Connections. <i>Buildings</i> , 2024, 14, 328.	3.1	0