

Chittaranjan Birabar nayak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural and cracking behaviour of RC T-beams strengthened with BFRP sheets by experimental and analytical investigation. Journal of King Saud University, Engineering Sciences, 2022, 34, 398-405.	2.0	16
2	Effect of SiO ₂ and ZnO Nano-Composites on Mechanical and Chemical Properties of Modified Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1237-1247.	1.9	33
3	Experimental and numerical study on reinforced concrete deep beam in shear with crimped steel fiber. Innovative Infrastructure Solutions, 2022, 7, .	2.2	8
4	Experimental and numerical investigation on compressive and flexural behavior of structural steel tubular beams strengthened with AFRP composites. Journal of King Saud University, Engineering Sciences, 2021, 33, 88-94.	2.0	23
5	Experimental, analytical and numerical performance of RC beams with V-shaped reinforcement. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	7
6	Optimization of sustainable high-strength high-volume fly ash concrete with and without steel fiber using Taguchi method and multi-regression analysis. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	31
7	A state-of-the-art review of vertical ground motion (VGM) characteristics, effects and provisions. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	10
8	Linear Transient Dynamic Analysis of Plates With and Without Cutout. Arabian Journal for Science and Engineering, 2021, 46, 10681-10693.	3.0	4
9	An experimental-based python programming for structural health monitoring of non-engineered RC frame. Innovative Infrastructure Solutions, 2020, 5, 1.	2.2	14
10	Seismic performance of existing water tank after condition ranking using non-destructive testing. International Journal of Advanced Structural Engineering, 2019, 11, 395-410.	1.3	20
11	CORROSION IMPACT ANALYSIS ON RESIDUAL LIFE OF STRUCTURE USING CATHODIC TECHNIQUE AND ALGOR SIMULATION SOFTWARE. Engineering Structures and Technologies, 2018, 10, 18-26.	0.1	10
12	Seismic Vulnerability Assessment for Various Shapes and Types of Reinforced Concrete Shear Walls in Multi-Storey Buildings. Proceedings of Engineering and Technology Innovation, 0, 21, 44-53.	0.0	1