

Chittaranjan Birabar nayak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5587582/publications.pdf>

Version: 2024-02-01

12
papers

177
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	An experimental-based python programming for structural health monitoring of non-engineered RC frame. Innovative Infrastructure Solutions, 2020, 5, 1.	2.2	14
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	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
9	Experimental and numerical study on reinforced concrete deep beam in shear with crimped steel fiber. Innovative Infrastructure Solutions, 2022, 7, .	2.2	8
10	Experimental, analytical and numerical performance of RC beams with V-shaped reinforcement. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	7
11	Linear Transient Dynamic Analysis of Plates With and Without Cutout. Arabian Journal for Science and Engineering, 2021, 46, 10681-10693.	3.0	4
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