

# Bharadwaj Nanda

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

193  
citations

6  
h-index

13  
g-index

21  
ext. papers

264  
ext. citations

1.9  
avg, IF

3.31  
L-index

#	Paper	IF	Citations
16	Experimental investigation on chemically treated bamboo reinforced concrete beams and columns. <i>Construction and Building Materials</i> , <b>2014</b> , 71, 610-617	6.7	83
15	Modal parameter based inverse approach for structural joint damage assessment using unified particle swarm optimization. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 242, 407-422	2.7	23
14	Crack Assessment in Frame Structures Using Modal Data and Unified Particle Swarm Optimization Technique. <i>Advances in Structural Engineering</i> , <b>2014</b> , 17, 747-766	1.9	20
13	Vibration Based Structural Damage Detection Technique using Particle Swarm Optimization with Incremental Swarm Size. <i>International Journal of Aeronautical and Space Sciences</i> , <b>2012</b> , 13, 323-331	1.2	19
12	Synthesis and characterization of a new class of geopolymer binder utilizing ferrochrome ash (FCA) for sustainable industrial waste management. <i>Materials Today: Proceedings</i> , <b>2020</b> , 33, 5001-5006	1.4	13
11	Structural Damage Detection Based on Modal Parameters Using Continuous Ant Colony Optimization. <i>Advances in Civil Engineering</i> , <b>2014</b> , 2014, 1-14	1.3	13
10	The role of graphene and its derivatives in modifying different phases of geopolymer composites: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 306, 124774	6.7	6
9	Experimental Analysis on Partial Replacement of Fine Aggregate by Granite Dust in Concrete. <i>Lecture Notes in Civil Engineering</i> , <b>2019</b> , 335-344	0.3	5
8	Damage assessment from curvature mode shape using unified particle swarm optimization. <i>Structural Engineering and Mechanics</i> , <b>2014</b> , 52, 307-322		3
7	A Comparative Study on Inverse Vibration Based Damage Assessment Techniques in Beam Structure Using Ant Colony Optimization and Particle Swarm Optimization. <i>Advanced Science, Engineering and Medicine</i> , <b>2020</b> , 12, 918-923	0.6	3
6	Effect of Granite Dust as Partial Replacement to Natural Sand on Strength and Ductility of Reinforced Concrete Beams. <i>Journal of the Institution of Engineers (India): Series A</i> , <b>2020</b> , 101, 669-677	1	2
5	Performance Comparison among Vibration Based Indicators in Damage Identification of Structures. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 592-594, 2081-2085	0.3	1
4	Properties of concrete containing fly ash and bottom ash mixture as fine aggregate. <i>International Journal of Sustainable Engineering</i> , <b>2021</b> , 14, 809-819	3.1	1
3	Strength and Microstructural Characterization of Ferrochrome Ash- and Ground Granulated Blast Furnace Slag-Based Geopolymer Concrete. <i>Journal of Sustainable Metallurgy</i> , <b>2022</b> , 8, 156	2.7	0
2	Influence of ferrochrome ash on mechanical and microstructure properties of ambient cured fly ash-based geopolymer concrete. <i>Journal of Material Cycles and Waste Management</i> , 1	3.4	0
1	Frequency Based Inverse Damage Assessment Technique Using Novel Hybrid Neuro-particle Swarm Optimization. <i>Smart Innovation, Systems and Technologies</i> , <b>2015</b> , 617-626	0.5	