# Bharadwaj Nanda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7558606/publications.pdf

Version: 2024-02-01

| 21 | 354 | 933264 10 | 940416 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 21 | 21 | 21 | 246 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Experimental investigation on chemically treated bamboo reinforced concrete beams and columns. Construction and Building Materials, 2014, 71, 610-617. | 3.2 | 135 |
| 2 | The role of graphene and its derivatives in modifying different phases of geopolymer composites: A review. Construction and Building Materials, 2021, 306, 124774. | 3.2 | 31 |
| 3 | Modal parameter based inverse approach for structural joint damage assessment using unified particle swarm optimization. Applied Mathematics and Computation, 2014, 242, 407-422. | 1.4 | 30 |
| 4 | Crack Assessment in Frame Structures Using Modal Data and Unified Particle Swarm Optimization Technique. Advances in Structural Engineering, 2014, 17, 747-766. | 1.2 | 25 |
| 5 | Vibration Based Structural Damage Detection Technique using Particle Swarm Optimization with Incremental Swarm Size. International Journal of Aeronautical and Space Sciences, 2012, 13, 323-331. | 1.0 | 25 |
| 6 | Synthesis and characterization of a new class of geopolymer binder utilizing ferrochrome ash (FCA) for sustainable industrial waste management. Materials Today: Proceedings, 2020, 33, 5001-5006. | 0.9 | 20 |
| 7 | Structural Damage Detection Based on Modal Parameters Using Continuous Ant Colony Optimization. Advances in Civil Engineering, 2014, 2014, 1-14. | 0.4 | 17 |
| 8 | Strength and Microstructural Characterization of Ferrochrome Ash- and Ground Granulated Blast Furnace Slag-Based Geopolymer Concrete. Journal of Sustainable Metallurgy, 2022, 8, 156-169. | 1.1 | 14 |
| 9 | Properties of concrete containing fly ash and bottom ash mixture as fine aggregate. International Journal of Sustainable Engineering, 2021, 14, 809-819. | 1.9 | 12 |
| 10 | Influence of ferrochrome ash on mechanical and microstructure properties of ambient cured fly ash-based geopolymer concrete. Journal of Material Cycles and Waste Management, 2022, 24, 1095-1108. | 1.6 | 12 |
| 11 | Experimental Analysis on Partial Replacement of Fine Aggregate by Granite Dust in Concrete. Lecture Notes in Civil Engineering, 2019, , 335-344. | 0.3 | 7 |
| 12 | Damage assessment from curvature mode shape using unified particle swarm optimization. Structural Engineering and Mechanics, 2014, 52, 307-322. | 1.0 | 7 |
| 13 | Effect of Granite Dust as Partial Replacement to Natural Sand on Strength and Ductility of Reinforced Concrete Beams. Journal of the Institution of Engineers (India): Series A, 2020, 101, 669-677. | 0.6 | 5 |
| 14 | A review on waste-derived alkali activators for preparation of geopolymer composite. Materials Today: Proceedings, 2022, , . | 0.9 | 5 |
| 15 | A Comparative Study on Inverse Vibration Based Damage Assessment Techniques in Beam Structure Using Ant Colony Optimization and Particle Swarm Optimization. Advanced Science, Engineering and Medicine, 2020, 12, 918-923. | 0.3 | 4 |
| 16 | Reinforced concrete deep beam shear retrofitted with deep embedded bars: A numerical investigation. Materials Today: Proceedings, 2022, 60, 281-287. | 0.9 | 4 |
| 17 | Performance Comparison among Vibration Based Indicators in Damage Identification of Structures. Applied Mechanics and Materials, 0, 592-594, 2081-2085. | 0.2 | 1 |
| 18 | Element damage assessment in semi rigid connected structures using modal domain data. International Journal of Structural Engineering, 2021, 11, 44. | 0.3 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Element damage assessment in semi rigid connected structures using modal domain data. International Journal of Structural Engineering, 2021, 11, 44. | 0.3 | 0 |
| 20 | Damage Assessment of Composite Structures From Changes in Natural Frequency Using Unified Particle Swarm Optimization. , 2014, , . | | 0 |
| 21 | Frequency Based Inverse Damage Assessment Technique Using Novel Hybrid Neuro-particle Swarm Optimization. Smart Innovation, Systems and Technologies, 2015, , 617-626. | 0.5 | 0 |