

Jose V Marti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3561573/publications.pdf>

Version: 2024-02-01

19
papers

531
citations

687363

13
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

344
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cost and CO2 emission optimization of precastâ€‘prestressed concrete U-beam road bridges by a hybrid glowworm swarm algorithm. Automation in Construction, 2015, 49, 123-134. | 9.8 | 110 |
| 2 | Life-Cycle Assessment: A Comparison between Two Optimal Post-Tensioned Concrete Box-Girder Road Bridges. Sustainability, 2017, 9, 1864. | 3.2 | 55 |
| 3 | Life cycle assessment of earth-retaining walls: An environmental comparison. Journal of Cleaner Production, 2018, 192, 411-420. | 9.3 | 53 |
| 4 | Life cycle assessment of cost-optimized buttress earth-retaining walls: A parametric study. Journal of Cleaner Production, 2017, 140, 1037-1048. | 9.3 | 52 |
| 5 | Optimization of buttressed earth-retaining walls using hybrid harmony search algorithms. Engineering Structures, 2017, 134, 205-216. | 5.3 | 48 |
| 6 | A Hybrid k-Means Cuckoo Search Algorithm Applied to the Counterfort Retaining Walls Problem. Mathematics, 2020, 8, 555. | 2.2 | 32 |
| 7 | Carbon embodied optimization for buttressed earth-retaining walls: Implications for low-carbon conceptual designs. Journal of Cleaner Production, 2017, 164, 872-884. | 9.3 | 31 |
| 8 | Black Hole Algorithm for Sustainable Design of Counterfort Retaining Walls. Sustainability, 2020, 12, 2767. | 3.2 | 31 |
| 9 | The Buttressed Walls Problem: An Application of a Hybrid Clustering Particle Swarm Optimization Algorithm. Mathematics, 2020, 8, 862. | 2.2 | 27 |
| 10 | Memetic Algorithm Approach to Designing Precast-Prestressed Concrete Road Bridges with Steel Fiber Reinforcement. Journal of Structural Engineering, 2015, 141, . | 3.4 | 25 |
| 11 | Heuristic Techniques for the Design of Steel-Concrete Composite Pedestrian Bridges. Applied Sciences (Switzerland), 2019, 9, 3253. | 2.5 | 16 |
| 12 | Steel-Concrete Composite Bridges: Design, Life Cycle Assessment, Maintenance, and Decision-Making. Advances in Civil Engineering, 2020, 2020, 1-13. | 0.7 | 15 |
| 13 | Embodied Energy Optimization of Buttressed Earth-Retaining Walls with Hybrid Simulated Annealing. Applied Sciences (Switzerland), 2021, 11, 1800. | 2.5 | 15 |
| 14 | Comparative Life Cycle Analysis of Concrete and Composite Bridges Varying Steel Recycling Ratio. Materials, 2021, 14, 4218. | 2.9 | 10 |
| 15 | Social Impact Assessment Comparison of Composite and Concrete Bridge Alternatives. Sustainability, 2022, 14, 5186. | 3.2 | 7 |
| 16 | Neutrosophic Completion Technique for Incomplete Higher-Order AHP Comparison Matrices. Mathematics, 2021, 9, 496. | 2.2 | 4 |
| 17 | REMOTE TEACHING IN CONSTRUCTION ENGINEERING MANAGEMENT DURING COVID-19. , 2021, , . | | 0 |
| 18 | TRAINING AND USE OF ICT ASSESSMENT IN POSTGRADUATE CIVIL ENGINEERING STUDIES. INTED Proceedings, 2022, , . | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | ASSESSMENT OF STRUCTURES LIFE CYCLE ASSESSMENT IMPORTANCE BY CIVIL ENGINEERING POSTGRADUATE STUDENTS WITH A CASE STUDY. INTED Proceedings, 2022, , . | 0.0 | 0 |