

# 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

687220

13  
h-index

940416

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. | 4.8 | 110       |
| 2  | Life-Cycle Assessment: A Comparison between Two Optimal Post-Tensioned Concrete Box-Girder Road Bridges. Sustainability, 2017, 9, 1864.                                       | 1.6 | 55        |
| 3  | Life cycle assessment of earth-retaining walls: An environmental comparison. Journal of Cleaner Production, 2018, 192, 411-420.   | 4.6 | 53        |
| 4  | Life cycle assessment of cost-optimized buttress earth-retaining walls: A parametric study. Journal of Cleaner Production, 2017, 140, 1037-1048.                              | 4.6 | 52        |
| 5  | Optimization of buttressed earth-retaining walls using hybrid harmony search algorithms. Engineering Structures, 2017, 134, 205-216.  | 2.6 | 48        |
| 6  | A Hybrid k-Means Cuckoo Search Algorithm Applied to the Counterfort Retaining Walls Problem. Mathematics, 2020, 8, 555.   | 1.1 | 32        |
| 7  | Carbon embodied optimization for buttressed earth-retaining walls: Implications for low-carbon conceptual designs. Journal of Cleaner Production, 2017, 164, 872-884.         | 4.6 | 31        |
| 8  | Black Hole Algorithm for Sustainable Design of Counterfort Retaining Walls. Sustainability, 2020, 12, 2767.   | 1.6 | 31        |
| 9  | The Buttressed Walls Problem: An Application of a Hybrid Clustering Particle Swarm Optimization Algorithm. Mathematics, 2020, 8, 862.   | 1.1 | 27        |
| 10 | Memetic Algorithm Approach to Designing Precast-Prestressed Concrete Road Bridges with Steel Fiber Reinforcement. Journal of Structural Engineering, 2015, 141, .             | 1.7 | 25        |
| 11 | Heuristic Techniques for the Design of Steel-Concrete Composite Pedestrian Bridges. Applied Sciences (Switzerland), 2019, 9, 3253.  | 1.3 | 16        |
| 12 | Steel-Concrete Composite Bridges: Design, Life Cycle Assessment, Maintenance, and Decision-Making. Advances in Civil Engineering, 2020, 2020, 1-13.                           | 0.4 | 15        |
| 13 | Embodied Energy Optimization of Buttressed Earth-Retaining Walls with Hybrid Simulated Annealing. Applied Sciences (Switzerland), 2021, 11, 1800.                             | 1.3 | 15        |
| 14 | Comparative Life Cycle Analysis of Concrete and Composite Bridges Varying Steel Recycling Ratio. Materials, 2021, 14, 4218.   | 1.3 | 10        |
| 15 | Social Impact Assessment Comparison of Composite and Concrete Bridge Alternatives. Sustainability, 2022, 14, 5186.  | 1.6 | 7         |
| 16 | Neutrosophic Completion Technique for Incomplete Higher-Order AHP Comparison Matrices. Mathematics, 2021, 9, 496.   | 1.1 | 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         |