

Vicent Penadã©s-Pla

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

461
citations

840776

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351
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical metamodel-assisted multi-objective design optimization for improved sustainability and buildability of wind turbine foundations. <i>Structural and Multidisciplinary Optimization</i> , 2022, 65, 1.	3.5	10
2	Recycled versus non-recycled insulation alternatives: LCA analysis for different climatic conditions in Spain. <i>Resources, Conservation and Recycling</i> , 2021, 175, 105838.	10.8	16
3	Robust decision-making design for sustainable pedestrian concrete bridges. <i>Engineering Structures</i> , 2020, 209, 109968.	5.3	15
4	Environmental and Social Impact Assessment of Optimized Post-Tensioned Concrete Road Bridges. <i>Sustainability</i> , 2020, 12, 4265.	3.2	16
5	Robust Design Optimization for Low-Cost Concrete Box-Girder Bridge. <i>Mathematics</i> , 2020, 8, 398.	2.2	21
6	LIFE CYCLE SUSTAINABILITY ASSESSMENT FOR MULTI-CRITERIA DECISION MAKING IN BRIDGE DESIGN: A REVIEW. <i>Journal of Civil Engineering and Management</i> , 2020, 26, 690-704.	3.5	31
7	Accelerated optimization method for low-embodied energy concrete box-girder bridge design. <i>Engineering Structures</i> , 2019, 179, 556-565.	5.3	45
8	Life cycle assessment of earth-retaining walls: An environmental comparison. <i>Journal of Cleaner Production</i> , 2018, 192, 411-420.	9.3	53
9	An Optimization-LCA of a Prestressed Concrete Precast Bridge. <i>Sustainability</i> , 2018, 10, 685.	3.2	29
10	Sustainable bridge design by metamodel-assisted multi-objective optimization and decision-making under uncertainty. <i>Journal of Cleaner Production</i> , 2018, 202, 904-915.	9.3	53
11	Life-Cycle Assessment: A Comparison between Two Optimal Post-Tensioned Concrete Box-Girder Road Bridges. <i>Sustainability</i> , 2017, 9, 1864.	3.2	55
12	A Review of Multi-Criteria Decision-Making Methods Applied to the Sustainable Bridge Design. <i>Sustainability</i> , 2016, 8, 1295.	3.2	117