

Juan E Carrion

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

318
citations

1040056

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h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time hybrid simulation for structural control performance assessment. Earthquake Engineering and Engineering Vibration, 2009, 8, 481-492.	2.3	67
2	Structural optimization using graphic statics. Structural and Multidisciplinary Optimization, 2014, 49, 351-366.	3.5	61
3	Maxwell's reciprocal diagrams and discrete Michell frames. Structural and Multidisciplinary Optimization, 2013, 48, 267-277.	3.5	48
4	Real-time hybrid testing using model-based delay compensation. Smart Structures and Systems, 2008, 4, 809-828.	1.9	31
5	Experimental behavior of monolithic composite cuff connections for fiber reinforced plastic box sections. Composite Structures, 2005, 67, 333-345.	5.8	25
6	Rankine's Theorem for the design of cable structures. Structural and Multidisciplinary Optimization, 2013, 48, 877-892.	3.5	22
7	Topology optimization of buildings subjected to stochastic base excitation. Engineering Structures, 2020, 223, 111111.	5.3	16
8	Topology optimization of buildings subjected to stochastic wind loads. Probabilistic Engineering Mechanics, 2021, 64, 103127.	2.7	14
9	Finite element study of composite cuff connections for pultruded box sections. Composite Structures, 2005, 70, 153-169.	5.8	10
10	Simultaneous optimization of topology and supplemental damping distribution for buildings subjected to stochastic excitation. Structural Control and Health Monitoring, 2021, 28, e2737.	4.0	7
11	Real-time hybrid testing of a semi-actively controlled structure with an MR damper. , 2009, , .		6
12	Continuous random field representation of stochastic moving loads. Probabilistic Engineering Mechanics, 2022, 68, 103230.	2.7	6
13	Minimum weight layouts of spanning structures obtained using graphic statics. International Journal of Space Structures, 2016, 31, 112-120.	1.0	5