Alberto M B Martins

List of Publications by Year
in descending order

13 papers	**221** citations	1163117 **8** h-index	1372567 **10** g-index
13 all docs	**13** docs citations	**13** times ranked	**134** citing authors

#	Article	IF	Citations
1	Optimization of cable forces on concrete cable-stayed bridges including geometrical nonlinearities. Computers and Structures, 2015, 155, 18-27.	4.4	57
2	Cable stretching force optimization of concrete cable-stayed bridges including construction stages and time-dependent effects. Structural and Multidisciplinary Optimization, 2015, 51, 757-772.	3.5	39
3	Optimum design of concrete cable-stayed bridges. Engineering Optimization, 2016, 48, 772-791.	2.6	30
4	Optimization of concrete cable-stayed bridges under seismic action. Computers and Structures, 2019, 222, 36-47.	4.4	28
5	Fire resistance of reinforced concrete columns with elastically restrained thermal elongation. Engineering Structures, 2010, 32, 3330-3337.	5.3	26
6	Sensitivity analysis and optimum design of reinforced concrete frames according to Eurocode 2. Engineering Optimization, 2020, 52, 2011-2032.	2.6	12
7	Optimum design of concrete cable-stayed bridges with prestressed decks. International Journal for Computational Methods in Engineering Science and Mechanics, 2016, 17, 339-349.	2.1	10
8	Optimization of extradosed concrete bridges subjected to seismic action. Computers and Structures, 2021, 245, 106460.	4.4	8
9	Fire Behaviour of Concrete Columns with Restrained Thermal Elongation. Journal of Structural Fire Engineering, 2011, 2, 319-332.	0.8	6
10	Sustainable Design Optimization of Reinforced Concrete Frames Considering CO_2 Emission Minimization. , 2019, , 632-643.		2
11	In-Situ Experimental Assessment and Numerical Analysis of the Loading Capacity of Traditional Wooden Floors. International Journal of Architectural Heritage, 2020, 14, 1284-1295.	3.1	2
12	Optimization of Extradosed Concrete Bridges. , 2018, , 1937-1954.		1
13	Optimization of Concrete Cable-Stayed Bridges with Discrete Design Variables. , 2018, , 1955-1973.		0