Alfredo Camara

List of Publications by Year
in descending order

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34	509	623574	677027
papers	citations	14	22
		h-index	g-index

36	36	36	320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-angle and nonuniform ground motions on cable-stayed bridges. Earthquake Spectra, 2022, 38, 1438-1462.	1.6	1
2	Dynamics and Seismic Performance of Asymmetric Rocking Bridges. Journal of Engineering Mechanics - ASCE, 2022, 148, .	1.6	4
3	Effects of soilâ€“structure interaction on the design of tuned mass damper to control the seismic response of wind turbine towers with gravity base. Wind Energy, 2021, 24, 323-344.	1.9	14
4	A fast mode superposition algorithm and its application to the analysis of bridges under moving loads. Advances in Engineering Software, 2021, 151, 102934.	1.8	3
5	Inelastic response of cable-stayed bridges subjected to non-uniform motions. Bulletin of Earthquake Engineering, 2021, 19, 2691-2710.	2.3	3
6	Vehicleâ€“bridge interaction and driving accident risks under skew winds. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 214, 104672.	1.7	7
7	Ground motion spatial variability and cable-stayed bridges: do we need to consider the asynchronous motion?. , 2021, , .		0
8	A method for along-wind vibration control of chimneys by tuning liners. Engineering Structures, 2021, , 113561.	2.6	2
9	Tire/road noise, texture, and vertical accelerations: Surface assessment of an urban road. Applied Acoustics, 2020, 160, 107153.	1.7	20
10	Dynamics and seismic performance of rocking bridges accounting for the abutmentâ€backfill contribution. Earthquake Engineering and Structural Dynamics, 2020, 49, 1161-1179.	2.5	20
11	Study on the aerodynamic damping for the seismic analysis of wind turbines in operation. Renewable Energy, 2020, 159, 1224-1242.	4.3	25
12	Wind Turbine Tower Failure Modes under Seismic and Wind Loads. Journal of Performance of Constructed Facilities, 2019, 33, .	1.0	33
13	Complete framework of wind-vehicle-bridge interaction with random road surfaces. Journal of Sound and Vibration, 2019, 458, 197-217.	2.1	32
14	Seismic behavior of cableâ€'stayed bridges: a review. MOJ Civil Engineering, 2018, 4, 161-169.	0.3	15
15	Optimum Deck and Tower Configurations for the Transverse Seismic Response of Cable-stayed Bridges. IABSE Symposium Report, 2018, , .	0.0	0
16	Numerical Analysis of Wired Connections of the Reinforcement Bars of Steel Cages: the Slash- tying Technique. , 2018, , .		1
17	Design of hysteretic dampers with optimal ductility for the transverse seismic control of cableâ€stayed bridges. Earthquake Engineering and Structural Dynamics, 2017, 46, 1811-1833.	2.5	36
18	Influence of the pavement surface on the vibrations induced by heavy traffic in road bridges. Canadian Journal of Civil Engineering, 2017, 44, 1099-1111.	0.7	8

#	Article	IF	Citations
19	Dynamic Effects of Turbulent Crosswind on the Serviceability State of Vibrations of a Slender Arch Bridge Including Windâ€“Vehicleâ€“Bridge Interaction. Journal of Bridge Engineering, 2017, 22, 06017005.	1.4	10
20	Effect of spatial variability of earthquakes on cable-stayed bridges. Procedia Engineering, 2017, 199, 2949-2954.	1.2	8
21	Seismic analysis of a tall metal wind turbine support tower with realistic geometric imperfections. Earthquake Engineering and Structural Dynamics, 2017, 46, 201-219.	2.5	53
22	THE EFFECT OF MULTI-ANGLE, SPATIALLY VARIABLE SEISMIC MOTIONS ON CABLE-STAYED BRIDGES. , 2017, , .		0
23	Deckâ€“tower interaction in the transverse seismic response of cable-stayed bridges and optimum configurations. Engineering Structures, 2016, 124, 494-506.	2.6	28
24	Influence of Aerodynamic Model Assumptions on the Wind-Vehicle-Bridge Interaction. , 2016, , .		1
25	Spatially variable seismic ground motions and their effect on cable-stayed bridges: The role of the tower. , 2016, , .		0
26	Spatial variability effects of the seismic action in Cable-Stayed Bridges and modelling techniques. , 2015, , .		6
27	Effects of seismic devices on transverse responses of piers in the Sutong Bridge. Earthquake Engineering and Engineering Vibration, 2015, 14, 611-623.	1.1	24
28	Multi-mode traffic-induced vibrations in composite ladder-deck bridges under heavy moving vehicles. Journal of Sound and Vibration, 2015, 355, 264-283.	2.1	16
29	Analysis and Control of Cable-Stayed Bridges Subject to Seismic Action. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2014, 24, 27-36.	0.5	14
30	Fundamental Mode Estimation for Modern Cable-Stayed Bridges Considering the Tower Flexibility. Journal of Bridge Engineering, 2014, 19, .	1.4	24
31	Serviceability limit state of vibrations in under-deck cable-stayed bridges accounting for vehicle-structure interaction. Engineering Structures, 2014, 61, 61-72.	2.6	29
32	Comfort in Slender Bridges Subjected to Traffic Loading and Hammering Effects. , 2014, , .		0
33	Structural behaviour and design criteria of underâ€deck cableâ€stayed bridges subjected to seismic action. Earthquake Engineering and Structural Dynamics, 2013, 42, 891-912.	2.5	11
34	Pushover analysis for the seismic response prediction of cable-stayed bridges under multi-directional excitation. Engineering Structures, 2012, 41, 444-455.	2.6	56