Jose Jara

List of Publications by Year
in descending order

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39	452	858243	843174
papers	citations	12 h-index	20 g-index

40	40	40	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Seismic Source Type on the Expected Behavior of Historic Arch Bridges. International Journal of Architectural Heritage, 2022, 16, 789-815.	1.7	2
2	Seismic response and reliability index of RC weak story buildings on soft soils of Mexico city. Journal of Building Engineering, 2022, 50, 104199.	1.6	3
3	Overstrength factors of RC bridges supported on single and multiâ€column RC piers in Mexico. Earthquake Engineering and Structural Dynamics, 2021, 50, 3695-3712.	2.5	4
4	Seismic Vulnerability and Retrofit Alternatives for Typical Soft-story Buildings in Earthquake Prone Areas. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2020, 30, 33-42.	0.5	4
5	Probabilistic Seismic Performance Analysis of RC Bridges. Journal of Earthquake Engineering, 2020, 24, 1704-1728.	1.4	40
6	Building damages during the September 19, 2017 earthquake in Mexico City and seismic retrofitting of existing first soft-story buildings. Engineering Structures, 2020, 209, 109977.	2.6	19
7	Influence of steel jacket thickness on the RC bridgesâ€™ seismic vulnerability. Journal of Traffic and Transportation Engineering (English Edition), 2019, 6, 15-34.	2.0	7
8	Parametric study of medium span bridges retrofitted with reinforced concrete jacketing. Canadian Journal of Civil Engineering, 2019, 46, 567-580.	0.7	2
9	Earthquake damage on the vaulted nave of the Atlatlahucan Ex-Convent church in Morelos, Mexico. Vibroengineering PROCEDIA, 2019, 27, 30-36.	0.3	0
10	Radiation damping for rigid foundations. Approximate expressions. Vibroengineering PROCEDIA, 2019, 27, 103-108.	0.3	1
11	Stochastic collocation-based nonlinear analysis of concrete bridges with uncertain parameters. Structure and Infrastructure Engineering, 2018, 14, 1324-1338.	2.0	12
12	Strength and stiffness parameters of energy dissipation devices for the seismic protection of building on soft soils. Bulletin of Earthquake Engineering, 2018, 16, 4297-4313.	2.3	0
13	Applicability of equivalent linearization methods to irregular isolated bridges. Engineering Structures, 2017, 141, 495-511.	2.6	17
14	Failure behavior of annealed glass for building windows. Engineering Structures, 2017, 141, 417-426.	2.6	11
15	Dynamic properties and seismic vulnerability of typical RC bridges located in MÃ©xico. Procedia Engineering, 2017, 199, 2973-2978.	1.2	2
16	System identification of history Mexican masonry bridges. Procedia Engineering, 2017, 199, 2220-2225.	1.2	1
17	RC jacketing parameters to retrofit highway bridges. Bulletin of Earthquake Engineering, 2016, 14, 2859-2880.	2.3	3
18	Methodology to develop design aids of simple supported glass panels based on a probabilistic approach and experimental tests. Engineering Structures, 2016, 125, 92-106.	2.6	2

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19	Seismic fragility analysis of typical pre-1990 bridges due to near- and far-field ground motions. International Journal of Advanced Structural Engineering, 2016, 8, 1-9.	1.3	31
20	Development of fragility curves for RC bridges subjected to reverse and strike-slip seismic sources. Earthquake and Structures, 2016, 11, 517-538.	1.0	21
21	Expected seismic performance of irregular medium-span simply supported bridges on soft and hard soils. Engineering Structures, 2015, 98, 174-185.	2.6	11
22	Engineering demand functions for RC medium length span bridges. Bulletin of Earthquake Engineering, 2015, 13, 679-702.	2.3	4
23	Rotation and damage index demands for RC medium-length span bridges. Engineering Structures, 2014, 74, 205-217.	2.6	14
24	Seismic source effects on the vulnerability of an irregular isolated bridge. Engineering Structures, 2013, 56, 105-115.	2.6	12
25	Seismic response of current RC buildings in Nepal: A comparative analysis of different design/construction. Engineering Structures, 2013, 49, 284-294.	2.6	42
26	Seismic energy dissipation and local concentration of damage in bridge bents. Structure and Infrastructure Engineering, 2013, 9, 794-805.	2.0	6
27	Use of sliding multirotational devices of an irregular bridge in a zone of high seismicity. KSCE Journal of Civil Engineering, 2013, 17, 122-132.	0.9	7
28	Isolation parameters for improving the seismic performance of irregular bridges. Bulletin of Earthquake Engineering, 2013, 11, 663-686.	2.3	12
29	Procedure for determining the seismic vulnerability of an irregular isolated bridge. Structure and Infrastructure Engineering, 2013, 9, 516-528.	2.0	25
30	Dynamic Structural Health Monitoring of Slender Structures Using Optical Sensors. Sensors, 2012, 12, 6629-6644.	2.1	22
31	Seismic assessment of a long-span arch bridge considering the variation in axial forces induced by earthquakes. Engineering Structures, 2012, 34, 69-80.	2.6	23
32	Improved procedure for equivalent linearization of bridges supported on hysteretic isolators. Engineering Structures, 2012, 35, 99-106.	2.6	33
33	Comparative structural response of two steel bridges constructed 100 years apart. Structure and Infrastructure Engineering, 2011, 7, 843-855.	2.0	11
34	Effects of isolation on the seismic response of bridges designed for two different soil types. Bulletin of Earthquake Engineering, 2011, 9, 641-656.	2.3	7
35	Seismic response of buildings with energy dissipating systems built in soft soils. Engineering Structures, 2009, 31, 1204-1216.	2.6	6
36	Parametric study of single-degree-of-freedom systems with energy dissipating devices built on soft soil sites. Engineering Structures, 2007, 29, 1398-1413.	2.6	7

#	Article	IF	Citations
37	Constant Versus Time Dependent Seismic Design Coefficients. Lecture Notes in Engineering, 1991, , 315-327.	0.1	7
38	The Mexico Earthquake of September 19, 1985â€"Probability Distribution of Times between Characteristic Subduction Earthquakes. Earthquake Spectra, 1988, 4, 499-529.	1.6	19
39	Simplified Seismic Assessment of a 16th Century Church and Cloister in Morelia, Mexico. International Journal of Architectural Heritage, 0, , 1-18.	1.7	1