Alberto Pavese

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	588 citations	14 h-index	23 g-index
54 ext. papers	733 ext. citations	2.3 avg, IF	4.54 L-index

#	Paper	IF	Citations
36	A framework for hybrid simulation with online model updating suitable for hard real-time computing. *Structural Control and Health Monitoring*, **2021**, 28,	4.5	2
35	Advanced Modelling and Risk Analysis of RC Buildings with Sliding Isolation Systems Designed by the Italian Seismic Code. *Applied Sciences (Switzerland)*, **2021**, 11, 1938	2.6	16
34	Influence of cyclic effect and extra-design displacement demands on Curved Surface Slider devices **2021**, 578-585		
33	Experimental evaluation of extra-stroke displacement capacity for Curved Surface Slider devices. *Soil Dynamics and Earthquake Engineering*, **2021**, 146, 106752	3.5	17
32	Definition of a Simplified Design Procedure of Seismic Isolation Systems for Bridges. *Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)*, **2020**, 30, 381-386	1	9
31	Experimental Assessment of the Seismic Response of a Base-Isolated Building Through a Hybrid Simulation Technique. *Frontiers in Built Environment*, **2020**, 6,	2.2	12
30	Strategies of structural health monitoring for bridges based on cloud computing. *Journal of Civil Structural Health Monitoring*, **2019**, 9, 607-616	2.9	9
29	A computational framework for fast-time hybrid simulation based on partitioned time integration and state-space modeling. *Structural Control and Health Monitoring*, **2019**, 26, e2419	4.5	17
28	Assessment of Scale Effects in the Experimental Evaluation of the Coefficient of Friction of Sliding Isolators. *Journal of Earthquake Engineering*, **2019**, 1-21	1.8	8
27	System Identification and Seismic Assessment Modeling Implications for Italian School Buildings. *Journal of Performance of Constructed Facilities*, **2019**, 33, 04018089	2	22
26	Experimental investigation of the cyclic response of double curved surface sliders subjected to radial and bidirectional sliding motions. *Soil Dynamics and Earthquake Engineering*, **2019**, 117, 190-202	3.5	41
25	Experimental dynamic response of spherical friction-based isolation devices. *Journal of Earthquake Engineering*, **2019**, 23, 1465-1484	1.8	23
24	Investigation of the Consequences of Mounting Laying Defects for Curved Surface Slider Devices under General Seismic Input. *Journal of Earthquake Engineering*, **2019**, 23, 377-403	1.8	12
23	Experimental assessment of the cyclic response of friction-based isolators under bidirectional motions. *Soil Dynamics and Earthquake Engineering*, **2018**, 114, 1-11	3.5	16
22	Seismic Vulnerability Assessment of an Infilled Reinforced Concrete Frame Structure Designed for Gravity Loads. *Journal of Earthquake Engineering*, **2017**, 21, 267-289	1.8	11
21	Equivalent uniaxial accelerogram for CSS-based isolation systems assessment under two-components seismic events. *Mechanics Based Design of Structures and Machines*, **2017**, 45, 282-295	1.7	15
20	Experimental vs. Numerical Simulations: Seismic Response of a Half Scale Three-Storey Infilled RC Building Strengthened Using FRP Retrofit. *Open Civil Engineering Journal*, **2017**, 11, 1158-1169	0.8	6

19	System Identification and Structural Modelling of Italian School Buildings. *Conference Proceedings of the Society for Experimental Mechanics*, **2017**, 301-303	0.3	3
18	Modelling curved surface sliding bearings with bilinear constitutive law: effects on the response of seismically isolated buildings. *Materials and Structures/Materiaux Et Constructions*, **2016**, 49, 2179-2196	3.4	21
17	Mechanical model for seismic response assessment of lightly reinforced concrete walls. *Earthquake and Structures*, **2016**, 11, 461-481		14
16	Tensile capacity of FRP anchors in connecting FRP and TRM sheets to concrete. *Engineering Structures*, **2015**, 82, 72-81	4.7	41
15	Evaluation of Response of an Isolated System Based on Double Curved Surface Sliders. *Computational Methods in Applied Sciences (Springer)*, **2013**, 397-416	0.4	4
14	Development of Software and Hardware Architecture for Real-Time Dynamic Hybrid Testing and Application to a Base Isolated Structure. *Journal of Earthquake Engineering*, **2012**, 16, 65-82	1.8	4
13	Eucentre TREES Lab: Laboratory for Training and Research in Earthquake Engineering and Seismology. *Geotechnical, Geological and Earthquake Engineering*, **2012**, 65-81	0.2	10
12	Computer Vision System for Monitoring in Dynamic Structural Testing. *Geotechnical, Geological and Earthquake Engineering*, **2012**, 159-176	0.2	8
11	An overview of seismic testing needs in Europe: towards a new advanced experimental facility. *Bulletin of Earthquake Engineering*, **2011**, 9, 623-640	3.7	1
10	Experimental assessment of the seismic performance of a prefabricated concrete structural wall system. *Engineering Structures*, **2011**, 33, 2049-2062	4.7	68
9	Verification Through Shaking Table Testing of EC8-Based Assessment Approaches Applied to a Building Designed for Gravity-Loads. *Geotechnical, Geological and Earthquake Engineering*, **2010**, 471-482	0.2	
8	Performance-Based Seismic Retrofit Strategy for Existing Reinforced Concrete Frame Systems Using Fiber-Reinforced Polymer Composites. *Journal of Composites for Construction*, **2007**, 11, 211-226	3.3	73
7	Experimental and Numerical Studies on the Seismic Response of R.C. Hollow Bridge Piers. *Bulletin of Earthquake Engineering*, **2005**, 3, 267-297	3.7	46
6	FRP SEISMIC RETROFIT OF RC SQUARE HOLLOW SECTION BRIDGE PIERS. *Journal of Earthquake Engineering*, **2004**, 8, 225-250	1.8	25
5	. *Journal of Earthquake Engineering*, **2004**, 8, 225	1.8	4
4	CONCEPTUAL DESIGN OF ISOLATION SYSTEMS FOR BRIDGE STRUCTURES. *Journal of Earthquake Engineering*, **1997**, 1, 193-218	1.8	14
3	. *Journal of Earthquake Engineering*, **1997**, 1, 193	1.8	3
2	Shaking table tests of a full-scale flat-bottom manufactured steel silo filled with wheat: Main results on the fixed-base configuration. *Earthquake Engineering and Structural Dynamics*,	4	4

1	Modelling and Seismic Response Analysis of Existing Italian Residential RC Buildings Retrofitted by Seismic Isolation. *Journal of Earthquake Engineering*,1-25	1.8	3