

Marco Furinghetti

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

319
citations

687363

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25
all docs

25
docs citations

25
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of the cyclic response of double curved surface sliders subjected to radial and bidirectional sliding motions. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 117, 190-202.	3.8	55
2	Experimental evaluation of extra-stroke displacement capacity for Curved Surface Slider devices. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 146, 106752.	3.8	35
3	Advanced Modelling and Risk Analysis of RC Buildings with Sliding Isolation Systems Designed by the Italian Seismic Code. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1938.	2.5	25
4	Experimental assessment of the cyclic response of friction-based isolators under bidirectional motions. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 114, 1-11.	3.8	23
5	Experimental Assessment of the Seismic Response of a Base-Isolated Building Through a Hybrid Simulation Technique. <i>Frontiers in Built Environment</i> , 2020, 6, .	2.3	21
6	Investigation of the Consequences of Mounting Laying Defects for Curved Surface Slider Devices under General Seismic Input. <i>Journal of Earthquake Engineering</i> , 2019, 23, 377-403.	2.5	20
7	Equivalent uniaxial accelerogram for CSS-based isolation systems assessment under two-components seismic events. <i>Mechanics Based Design of Structures and Machines</i> , 2017, 45, 282-295.	4.7	19
8	Strategies of structural health monitoring for bridges based on cloud computing. <i>Journal of Civil Structural Health Monitoring</i> , 2019, 9, 607-616.	3.9	19
9	Shaking table tests of a full-scale flat-bottom manufactured steel silo filled with wheat: Main results on the fixed-base configuration. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 169-190.	4.4	18
10	Modelling and Seismic Response Analysis of Existing Italian Residential RC Buildings Retrofitted by Seismic Isolation. <i>Journal of Earthquake Engineering</i> , 2023, 27, 1069-1093.	2.5	18
11	Assessment of Scale Effects in the Experimental Evaluation of the Coefficient of Friction of Sliding Isolators. <i>Journal of Earthquake Engineering</i> , 2022, 26, 525-545.	2.5	17
12	Definition of a Simplified Design Procedure of Seismic Isolation Systems for Bridges. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2020, 30, 381-386.	0.8	17
13	Definition and Validation of Fast Design Procedures for Seismic Isolation Systems. <i>Vibration</i> , 2022, 5, 290-305.	1.9	17
14	Evaluation of Response of an Isolated System Based on Double Curved Surface Sliders. <i>Computational Methods in Applied Sciences (Springer)</i> , 2013, , 397-416.	0.3	6
15	NUMERICAL ASSESSMENT ON THE SEISMIC RESPONSE OF A BASE-ISOLATED BUILDING UNDER BI-DIRECTIONAL MOTION. , 2015, , .		3
16	Assessment of the Seismic Response of Isolated Bridges under extra-stroke displacement demands. , 2019, , .		2
17	MODELING STRATEGIES FOR THE LATERAL RESPONSE OF CURVED SURFACE SLIDER DEVICES UNDER EXTREME DISPLACEMENT DEMANDS. , 2021, , .		1
18	EQUIVALENT UNIAXIAL ACCELEROGRAM FOR CSS-BASED ISOLATION SYSTEMS ASSESSMENT UNDER TWO-COMPONENTS SEISMIC EVENTS. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimized Design of Seismic Isolation Systems for Existing Bridges. IABSE Symposium Report, 2018, , .	0.0	1
20	STATIC CONDENSATION PROCEDURE OF FINITE ELEMENT MODELS FOR FAST NON-LINEAR TIME HISTORY ANALYSES OF BASE-ISOLATED STRUCTURES. , 2019, , .		1
21	Investigation of the Response Variability of Base-A Isolated Building Equipped With Lead Rubber Bearings. , 0, , .		0
22	EXPERIMENTAL COMPARISON BETWEEN FLAT AND CURVED SLIDING CONDITIONS FOR THE RESPONSE EVALUATION OF CURVED SURFACE SLIDER DEVICES. , 2021, , .		0
23	EFFECTS OF EQUIVALENT RADIAL ACCELEROGRAMS FOR BIDIRECTIONAL SEISMIC EVENTS ON BASE-ISOLATED STRUCTURES. , 2017, , .		0
24	CONSEQUENCES OF MECHANICAL PROPERTIES VARIABILITY OF SEISMIC ISOLATION SYSTEMS ON THE STRUCTURAL RESPONSE OF BUILDINGS. , 2019, , .		0
25	COMPARISON BETWEEN RADIAL AND BIDIRECTIONAL RESPONSES OF A BASE ISOLATED BUILDING EQUIPPED WITH CONCAVE SURFACE SLIDER DEVICES. , 2019, , .		0