

Massimiliano Ferraioli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5386377/publications.pdf>

Version: 2024-02-01

28
papers

396
citations

777949

13
h-index

889612

19
g-index

33
all docs

33
docs citations

33
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Retrofit of RC Buildings Using Metal Shear Panels. Lecture Notes in Civil Engineering, 2022, , 839-856.	0.3	0
2	Progressive Collapse Retrofit of a RC Hospital Building Using Steel Braces. Lecture Notes in Civil Engineering, 2022, , 354-368.	0.3	0
3	Progressive Collapse Assessment and Retrofit of a Multistory Steel Braced Office Building. International Journal of Steel Structures, 2022, 22, 1086-1107.	0.6	1
4	Seismic performance of a reinforced concrete building retrofitted with self-centering shape memory alloy braces. Earthquake Engineering and Engineering Vibration, 2022, 21, 785-809.	1.1	14
5	Behaviour Factor of Ductile Code-Designed Reinforced Concrete Frames. Advances in Civil Engineering, 2021, 2021, 1-18.	0.4	2
6	Seismic Retrofit of an Existing Reinforced Concrete Building with Buckling-restrained Braces. Open Civil Engineering Journal, 2021, 15, 203-225.	0.4	3
7	Progressive Collapse Performance of Steel Beam-to-Column Connections: Critical Review of Experimental Results. Open Construction and Building Technology Journal, 2021, 15, 152-163.	0.3	3
8	Irregularity Effects of Masonry Infills on Nonlinear Seismic Behaviour of RC Buildings. Mathematical Problems in Engineering, 2020, 2020, 1-18.	0.6	9
9	Seismic Assessment, Repair and Strengthening of a Medieval Masonry Tower in Southern Italy. International Journal of Civil Engineering, 2020, 18, 967-994.	0.9	12
10	A modal pushdown procedure for progressive collapse analysis of steel frame structures. Journal of Constructional Steel Research, 2019, 156, 227-241.	1.7	32
11	Dynamic Increase Factor for Nonlinear Static Analysis of RC Frame Buildings Against Progressive Collapse. International Journal of Civil Engineering, 2019, 17, 281-303.	0.9	21
12	Shape memory alloys for earthquake building protection. , 2019, , .		3
13	Dynamic characterisation of a historic bell-tower using a sensitivity-based technique for model tuning. Journal of Civil Structural Health Monitoring, 2018, 8, 253-269.	2.0	24
14	A Displacement-Based Design Method for Seismic Retrofit of RC Buildings Using Dissipative Braces. Mathematical Problems in Engineering, 2018, 2018, 1-28.	0.6	19
15	Dynamic characterisation and seismic assessment of medieval masonry towers. Natural Hazards, 2017, 86, 489-515.	1.6	32
16	06.03: Dynamic increase factor for nonlinear static alternate path analysis of steel moment-resisting frames against progressive collapse. Ce/Papers, 2017, 1, 1437-1446.	0.1	0
17	Multi-mode pushover procedure for deformation demand estimates of steel moment-resisting frames. International Journal of Steel Structures, 2017, 17, 653-676.	0.6	28
18	Base Isolation for Seismic Retrofitting of a Multiple Building Structure: Design, Construction, and Assessment. Mathematical Problems in Engineering, 2017, 2017, 1-24.	0.6	25

#	ARTICLE	IF	CITATIONS
19	Base Isolation for Seismic Retrofitting of a Multiple Building Structure: Evaluation of Equivalent Linearization Method. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-17.	0.6	18
20	Dynamic increase factor for pushdown analysis of seismically designed steel moment-resisting frames. <i>International Journal of Steel Structures</i> , 2016, 16, 857-875.	0.6	19
21	Case study of seismic performance assessment of irregular RC buildings: hospital structure of Avezzano (L'Aquila, Italy). <i>Earthquake Engineering and Engineering Vibration</i> , 2015, 14, 141-156.	1.1	31
22	Behaviour Factor of code-designed steel moment-resisting frames. <i>International Journal of Steel Structures</i> , 2014, 14, 243-254.	0.6	35
23	Accuracy of Advanced Methods for Nonlinear Static Analysis of Steel Moment-Resisting Frames. <i>Open Construction and Building Technology Journal</i> , 2014, 8, 310-323.	0.3	13
24	Assessment of Progressive Collapse Capacity of Earthquake-Resistant Steel Moment Frames Using Pushdown Analysis. <i>Open Construction and Building Technology Journal</i> , 2014, 8, 324-336.	0.3	20
25	A modal procedure for seismic analysis of non-linear base-isolated multistorey structures. <i>Earthquake Engineering and Structural Dynamics</i> , 1998, 27, 397-412.	2.5	7
26	Metal Shear Panels for Seismic Upgrading of RC Buildings: A Case Study. <i>Key Engineering Materials</i> , 0, 763, 1058-1066.	0.4	8
27	Seismic and Robustness Design of Steel Frame Buildings. <i>Key Engineering Materials</i> , 0, 763, 116-123.	0.4	11
28	Multi-Mode Pushover Procedure to Estimate Higher Modes Effects on Seismic Inelastic Response of Steel Moment-Resisting Frames. <i>Key Engineering Materials</i> , 0, 763, 82-89.	0.4	4