

Mirko Mazza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Displacement-based seismic design of hysteretic damped braces for retrofitting in-elevation irregular r.c. framed structures. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 69, 115-124.	3.8	52
2	Nonlinear seismic analysis of irregular r.c. framed buildings base-isolated with friction pendulum system under near-fault excitations. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 90, 299-312.	3.8	51
3	Base-isolation systems for the seismic retrofitting of r.c. framed buildings with soft-storey subjected to near-fault earthquakes. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 109, 209-221.	3.8	49
4	Nonlinear Modeling and Analysis of R.C. Framed Buildings Located in a Near-Fault Area. <i>Open Construction and Building Technology Journal</i> , 2012, 6, 346-354.	0.7	45
5	Nonlinear Dynamic Response of RC Buildings with Different Base Isolation Systems Subjected to Horizontal and Vertical Components of Near-Fault Ground Motions. <i>Open Construction and Building Technology Journal</i> , 2012, 6, 373-383.	0.7	43
6	Nonlinear analysis of spatial framed structures by a lumped plasticity model based on the Haar€KÅrMAn principle. <i>Computational Mechanics</i> , 2010, 45, 647-664.	4.0	41
7	Nonlinear response of r.c. framed buildings retrofitted by different base-isolation systems under horizontal and vertical components of near-fault earthquakes. <i>Earthquake and Structures</i> , 2017, 12, 135-144.	1.0	39
8	Sensitivity to modelling and design of curved surface sliding bearings in the nonlinear seismic analysis of base-isolated r.c. framed buildings. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 100, 144-158.	3.8	26
9	A symmetric boundary element model for the analysis of Kirchhoff plates. <i>Engineering Analysis With Boundary Elements</i> , 2009, 33, 1-11.	3.7	10
10	Seismic retrofitting of gravity-loads designed r.c. framed buildings combining CFRP and hysteretic damped braces. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 3423-3445.	4.1	9
11	Effects of near-fault ground motions on the nonlinear behaviour of reinforced concrete framed buildings. <i>Earthquake Science</i> , 2015, 28, 285-302.	0.9	7
12	Influence of Elastomeric Bearings in Tension on the Seismic Performance of Base-Isolated r.c. Buildings. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 82.	2.5	6
13	Nonlinear modelling of HDRBs in the seismic analysis of retrofitted and new base-isolated r.c. buildings. <i>Structures</i> , 2021, 33, 4148-4161.	3.6	5
14	Analytical integration of singular kernels in symmetric boundary element analysis of Kirchhoff plates. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 76, 127-155.	2.8	4
15	Nonlinear analysis of r.c. framed buildings retrofitted with elastomeric and friction bearings under near-fault earthquakes. <i>Earthquake Science</i> , 2015, 28, 365-377.	0.9	3
16	Dynamic Response of Steel Framed Structures Fire-Retrofitted with Viscoelastic-Damped Braces. <i>International Journal of Civil Engineering</i> , 2017, 15, 1187-1201.	2.0	3
17	Energy Based Boundary Elements for Finite Element Analysis. <i>Meccanica</i> , 2001, 36, 463-477.	2.0	2
18	Multicomponent nonlinear incremental dynamic analysis of r.c. spatial framed structures subjected to near-fault earthquakes. <i>Contemporary Engineering Sciences</i> , 2016, 9, 1255-1272.	0.2	1