Mirko Mazza

List of Publications by Year
in descending order

18 papers	396 citations	1040056 9 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	253 citing authors

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