

Daniele Perrone

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.

50 papers	706 citations	15 h-index	25 g-index
54 ext. papers	978 ext. citations	3.1 avg, IF	5.06 L-index

#	Paper	IF	Citations
50	Optimal seismic retrofitting of existing buildings considering environmental impact. <i>Engineering Structures</i> , 2022 , 250, 113391	4.7	5
49	Seismic acceleration demand and fragility assessment of storage tanks installed in industrial steel moment-resisting frame structures. <i>Soil Dynamics and Earthquake Engineering</i> , 2022 , 152, 107016	3.5	2
48	Simplified modelling and pushover analysis of infilled frame structures accounting for strut flexibility. <i>Earthquake Engineering and Structural Dynamics</i> , 2022 , 51, 1383-1409	4	
47	Detailed Structural Characterization of Existing RC Buildings for Seismic Exposure Modelling of the Lisbon Area. <i>Buildings</i> , 2022 , 12, 642	3.2	
46	Towards Seismic Design of Nonstructural Elements: Italian Code-Compliant Acceleration Floor Response Spectra. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-18	1.3	1
45	Shake-table tests of innovative drift sensitive nonstructural elements in a low-damage structural system. <i>Earthquake Engineering and Structural Dynamics</i> , 2021 , 50, 2398-2420	4	1
44	Nonlinear static characterisation of masonry-infilled RC building portfolios accounting for variability of infill properties. <i>Bulletin of Earthquake Engineering</i> , 2021 , 19, 2597-2641	3.7	4
43	Performance-Based Seismic Design of Nonstructural Building Elements. <i>Journal of Earthquake Engineering</i> , 2021 , 25, 237-269	1.8	30
42	Probabilistic Seismic Risk Assessment of School Buildings. <i>Lecture Notes in Civil Engineering</i> , 2021 , 15-38	0.3	
41	MID 1.1: Database for Characterization of the Lateral Behavior of Infilled Frames. <i>Journal of Structural Engineering</i> , 2021 , 147, 04721007	3	0
40	Seismic performance assessment of piping systems in bare and infilled RC buildings. <i>Soil Dynamics and Earthquake Engineering</i> , 2021 , 149, 106897	3.5	5
39	Seismic Acceleration and Displacement Demand Profiles of Non-Structural Elements in Hospital Buildings. <i>Buildings</i> , 2020 , 10, 243	3.2	9
38	Displacement-Based Framework for Simplified Seismic Loss Assessment. <i>Journal of Earthquake Engineering</i> , 2020 , 24, 1-22	1.8	16
37	Seismic numerical modelling of suspended piping trapeze restraint installations based on component testing. <i>Bulletin of Earthquake Engineering</i> , 2020 , 18, 3247-3283	3.7	5
36	Estimation of Seismic Expected Annual Losses for Multi-Span Continuous RC Bridge Portfolios Using a Component-Level Approach. <i>Journal of Earthquake Engineering</i> , 2020 , 1-27	1.8	8
35	Seismic Demand on Acceleration-Sensitive Nonstructural Components in Viscously Damped Braced Frames. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020190	3	9
34	A rational approach to the conversion of FEMA P-58 seismic repair costs to Europe. <i>Earthquake Spectra</i> , 2020 , 36, 1607-1618	3.4	10

33	Influence of the Modelling Approach on the Failure Modes of RC Infilled Frames Under Seismic Actions. <i>Lecture Notes in Civil Engineering</i> , 2020 , 69-81	0.3	1
32	Consistent floor response spectra for performance-based seismic design of nonstructural elements. <i>Earthquake Engineering and Structural Dynamics</i> , 2020 , 49, 261-284	4	28
31	Probabilistic estimation of floor response spectra in masonry infilled reinforced concrete building portfolio. <i>Engineering Structures</i> , 2020 , 202, 109842	4.7	25
30	Assessing seismic risk in typical Italian school buildings: From in-situ survey to loss estimation. <i>International Journal of Disaster Risk Reduction</i> , 2020 , 44, 101448	4.5	18
29	Simplified seismic assessment of infilled RC frame structures. <i>Bulletin of Earthquake Engineering</i> , 2020 , 18, 1579-1611	3.7	8
28	Experimental seismic response evaluation of suspended piping restraint installations. <i>Bulletin of Earthquake Engineering</i> , 2020 , 18, 1499-1524	3.7	12
27	A prioritization RVS methodology for the seismic risk assessment of RC school buildings. <i>International Journal of Disaster Risk Reduction</i> , 2020 , 51, 101807	4.5	22
26	Seismic retrofit of existing school buildings in Italy: Performance evaluation and loss estimation. <i>Engineering Structures</i> , 2020 , 225, 111243	4.7	15
25	Numerical Modelling and Validation of the Response of Masonry Infilled RC Frames Using Experimental Testing Results. <i>Buildings</i> , 2020 , 10, 182	3.2	12
24	Current Challenges and Future Trends in Analytical Fragility and Vulnerability Modeling. <i>Earthquake Spectra</i> , 2019 , 35, 1927-1952	3.4	71
23	Development of Fragility Curves for Multi-Span RC Bridges using Generalized Pushover Analysis 2019 ,		1
22	SHAKE TABLE TESTING FOR SEISMIC PERFORMANCE EVALUATION OF NON-STRUCTURAL ELEMENTS 2019 ,		5
21	Critical Assessment of Estimation Procedures for Floor Acceleration Demands in Steel Moment-Resisting Frames. <i>Frontiers in Built Environment</i> , 2019 , 5,	2.2	3
20	Probabilistic models for structures with bilinear demand-intensity relationships. <i>Earthquake Engineering and Structural Dynamics</i> , 2019 , 48, 253-268	4	11
19	System Identification and Seismic Assessment Modeling Implications for Italian School Buildings. <i>Journal of Performance of Constructed Facilities</i> , 2019 , 33, 04018089	2	22
18	Seismic performance of non-structural elements during the 2016 Central Italy earthquake. <i>Bulletin of Earthquake Engineering</i> , 2019 , 17, 5655-5677	3.7	74
17	Seismic retrofit options for non-structural building partition walls: Impact on loss estimation and cost-benefit analysis. <i>Engineering Structures</i> , 2018 , 161, 8-27	4.7	43
16	Seismic assessment and loss estimation of existing school buildings in Italy. <i>Engineering Structures</i> , 2018 , 168, 142-162	4.7	64

15	Fragility functions and floor spectra of RC masonry infilled frames: influence of mechanical properties of masonry infills. <i>Bulletin of Earthquake Engineering</i> , 2018 , 16, 6105-6130	3.7	11
14	MID1.0: Masonry Infilled RC Frame Experimental Database. <i>Lecture Notes in Civil Engineering</i> , 2018 , 147-160		2
13	Effect of cyclic loading protocols on the experimental seismic performance evaluation of suspended piping restraint installations. <i>International Journal of Pressure Vessels and Piping</i> , 2018 , 166, 61-71	2.4	9
12	Seismic Vulnerability Assessment of the Urban Building Environment in Nablus, Palestine. <i>International Journal of Architectural Heritage</i> , 2018 , 12, 1196-1215	2.1	11
11	Non-linear behaviour of masonry infilled RC frames: Influence of masonry mechanical properties. <i>Engineering Structures</i> , 2017 , 150, 875-891	4.7	35
10	Automated seismic design of non-structural elements with building information modelling. <i>Automation in Construction</i> , 2017 , 84, 166-175	9.6	19
9	System Identification and Structural Modelling of Italian School Buildings. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2017 , 301-303	0.3	3
8	Influence of Masonry Infills on the Shear Forces of RC Framed Structures. <i>Applied Mechanics and Materials</i> , 2016 , 847, 361-368	0.3	1
7	Evaluation of the infill influence on the elastic period of existing RC frames. <i>Engineering Structures</i> , 2016 , 123, 419-433	4.7	27
6	Rapid visual screening for seismic evaluation of RC hospital buildings. <i>Structures</i> , 2015 , 3, 57-70	3.4	38
5	A Framework for the Quantification of Non-Structural Seismic Performance Factors. <i>Journal of Earthquake Engineering</i> , 1-27	1.8	2
4	Calibrated Equivalent Viscous Damping for Direct Displacement-Based Seismic Design of Suspended Piping Trapeze Restraint Installations. <i>Journal of Earthquake Engineering</i> , 1-29	1.8	1
3	Story loss functions for seismic design and assessment: Development of tools and application. <i>Earthquake Spectra</i> , 875529302110235	3.4	1
2	A probabilistic strong floor motion duration model for seismic performance assessment of non-structural building elements. <i>Earthquake Engineering and Structural Dynamics</i> ,	4	3
1	Calibrated Equivalent Viscous Damping for Direct Displacement Based Seismic Design of Pallet-Type Steel Storage Racks. <i>Journal of Earthquake Engineering</i> , 1-35	1.8	