

# Daniele Perrone

## List of Publications by Year in descending order

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53  
papers

1,246  
citations

394421  
19  
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docs citations

54  
times ranked

683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibrated Equivalent Viscous Damping for Direct Displacement Based Seismic Design of Pallet-Type Steel Storage Racks. Journal of Earthquake Engineering, 2023, 27, 1012-1046.	2.5	1
2	Estimation of Seismic Expected Annual Losses for Multi-Span Continuous RC Bridge Portfolios Using a Component-Level Approach. Journal of Earthquake Engineering, 2022, 26, 2985-3011.	2.5	14
3	Calibrated Equivalent Viscous Damping for Direct Displacement-Based Seismic Design of Suspended Piping Trapeze Restraint Installations. Journal of Earthquake Engineering, 2022, 26, 8063-8091.	2.5	5
4	Seismic acceleration demand and fragility assessment of storage tanks installed in industrial steel moment-resisting frame structures. Soil Dynamics and Earthquake Engineering, 2022, 152, 107016.	3.8	12
5	Optimal seismic retrofitting of existing buildings considering environmental impact. Engineering Structures, 2022, 250, 113391.	5.3	19
6	A Framework for the Quantification of Non-Structural Seismic Performance Factors. Journal of Earthquake Engineering, 2022, 26, 8468-8494.	2.5	6
7	Simplified modelling and pushover analysis of infilled frame structures accounting for strut flexibility. Earthquake Engineering and Structural Dynamics, 2022, 51, 1383-1409.	4.4	0
8	Detailed Structural Characterization of Existing RC Buildings for Seismic Exposure Modelling of the Lisbon Area. Buildings, 2022, 12, 642.	3.1	0
9	Seismic Resilience Assessment in Optimally Integrated Retrofitting of Existing School Buildings in Italy. Buildings, 2022, 12, 845.	3.1	8
10	Parametric study and prediction models of the seismic response of single-degree-of-freedom structural systems equipped with Maxwell material fluid viscous dampers. Structures, 2022, 43, 388-406.	3.6	9
11	Performance-Based Seismic Design of Nonstructural Building Elements. Journal of Earthquake Engineering, 2021, 25, 237-269.	2.5	56
12	Probabilistic Seismic Risk Assessment of School Buildings. Lecture Notes in Civil Engineering, 2021, , 15-38.	0.4	0
13	Shake-table tests of innovative drift sensitive nonstructural elements in a low-damage structural system. Earthquake Engineering and Structural Dynamics, 2021, 50, 2398-2420.	4.4	18
14	Nonlinear static characterisation of masonry-infilled RC building portfolios accounting for variability of infill properties. Bulletin of Earthquake Engineering, 2021, 19, 2597-2641.	4.1	12
15	Story loss functions for seismic design and assessment: Development of tools and application. Earthquake Spectra, 2021, 37, 2813-2839.	3.1	14
16	A probabilistic strong floor motion duration model for seismic performance assessment of non-structural building elements. Earthquake Engineering and Structural Dynamics, 2021, 50, 4161-4179.	4.4	9
17	MID 1.1: Database for Characterization of the Lateral Behavior of Infilled Frames. Journal of Structural Engineering, 2021, 147, .	3.4	8
18	Seismic performance assessment of piping systems in bare and infilled RC buildings. Soil Dynamics and Earthquake Engineering, 2021, 149, 106897.	3.8	12

#	ARTICLE	IF	CITATIONS
19	Towards Seismic Design of Nonstructural Elements: Italian Code-Compliant Acceleration Floor Response Spectra. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-18.	0.7	4
20	Consistent floor response spectra for performance-based seismic design of nonstructural elements. <i>Earthquake Engineering and Structural Dynamics</i> , 2020, 49, 261-284.	4.4	52
21	Probabilistic estimation of floor response spectra in masonry infilled reinforced concrete building portfolio. <i>Engineering Structures</i> , 2020, 202, 109842.	5.3	40
22	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.	3.9	31
23	Simplified seismic assessment of infilled RC frame structures. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 1579-1611.	4.1	23
24	Experimental seismic response evaluation of suspended piping restraint installations. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 1499-1524.	4.1	19
25	A prioritization RVS methodology for the seismic risk assessment of RC school buildings. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101807.	3.9	50
26	Seismic retrofit of existing school buildings in Italy: Performance evaluation and loss estimation. <i>Engineering Structures</i> , 2020, 225, 111243.	5.3	24
27	Numerical Modelling and Validation of the Response of Masonry Infilled RC Frames Using Experimental Testing Results. <i>Buildings</i> , 2020, 10, 182.	3.1	28
28	Seismic Acceleration and Displacement Demand Profiles of Non-Structural Elements in Hospital Buildings. <i>Buildings</i> , 2020, 10, 243.	3.1	14
29	Displacement-Based Framework for Simplified Seismic Loss Assessment. <i>Journal of Earthquake Engineering</i> , 2020, 24, 1-22.	2.5	26
30	Seismic numerical modelling of suspended piping trapeze restraint installations based on component testing. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 3247-3283.	4.1	11
31	Seismic Demand on Acceleration-Sensitive Nonstructural Components in Viscously Damped Braced Frames. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	21
32	A rational approach to the conversion of FEMA P-58 seismic repair costs to Europe. <i>Earthquake Spectra</i> , 2020, 36, 1607-1618.	3.1	19
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.	0.4	2
34	Current Challenges and Future Trends in Analytical Fragility and Vulnerability Modeling. <i>Earthquake Spectra</i> , 2019, 35, 1927-1952.	3.1	113
35	Critical Assessment of Estimation Procedures for Floor Acceleration Demands in Steel Moment-Resisting Frames. <i>Frontiers in Built Environment</i> , 2019, 5, .	2.3	3
36	Probabilistic models for structures with bilinear demand-intensity relationships. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 253-268.	4.4	18

#	ARTICLE	IF	CITATIONS
37	System Identification and Seismic Assessment Modeling Implications for Italian School Buildings. Journal of Performance of Constructed Facilities, 2019, 33, .	2.0	29
38	Seismic performance of non-structural elements during the 2016 Central Italy earthquake. Bulletin of Earthquake Engineering, 2019, 17, 5655-5677.	4.1	121
39	Development of Fragility Curves for Multi-Span RC Bridges using Generalized Pushover Analysis. IABSE Symposium Report, 2019, , .	0.0	1
40	SHAKE TABLE TESTING FOR SEISMIC PERFORMANCE EVALUATION OF NON-STRUCTURAL ELEMENTS. , 2019, , .		6
41	LARGE-SCALE SIMPLIFIED SEISMIC RISK MAPPING OF RESIDENTIAL BUILDINGS THROUGH RAPID VISUAL SCREENING. , 2019, , .		0
42	Seismic retrofit options for non-structural building partition walls: Impact on loss estimation and cost-benefit analysis. Engineering Structures, 2018, 161, 8-27.	5.3	58
43	Seismic assessment and loss estimation of existing school buildings in Italy. Engineering Structures, 2018, 168, 142-162.	5.3	102
44	Seismic Vulnerability Assessment of the Urban Building Environment in Nablus, Palestine. International Journal of Architectural Heritage, 2018, 12, 1196-1215.	3.1	16
45	Fragility functions and floor spectra of RC masonry infilled frames: influence of mechanical properties of masonry infills. Bulletin of Earthquake Engineering, 2018, 16, 6105-6130.	4.1	22
46	MID1.0: Masonry Infilled RC Frame Experimental Database. Lecture Notes in Civil Engineering, 2018, , 147-160.	0.4	3
47	Effect of cyclic loading protocols on the experimental seismic performance evaluation of suspended piping restraint installations. International Journal of Pressure Vessels and Piping, 2018, 166, 61-71.	2.6	15
48	Non-linear behaviour of masonry infilled RC frames: Influence of masonry mechanical properties. Engineering Structures, 2017, 150, 875-891.	5.3	41
49	Automated seismic design of non-structural elements with building information modelling. Automation in Construction, 2017, 84, 166-175.	9.8	27
50	System Identification and Structural Modelling of Italian School Buildings. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 301-303.	0.5	3
51	Evaluation of the infill influence on the elastic period of existing RC frames. Engineering Structures, 2016, 123, 419-433.	5.3	32
52	Rapid visual screening for seismic evaluation of RC hospital buildings. Structures, 2015, 3, 57-70.	3.6	58
53	Influence of Masonry Infills on the Shear Forces of RC Framed Structures. Applied Mechanics and Materials, 0, 847, 361-368.	0.2	2