

Ciro Del Vecchio

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

624
citations

858243

12
h-index

889612

19
g-index

25
all docs

25
docs citations

25
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Creep effects on elastomeric and ball rubber bearings under sustained lateral loads. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 1478-1488.	2.0	4
2	Influence of earthquake damage and repair interventions on expected annual losses of reinforced concrete wall buildings. <i>Earthquake Spectra</i> , 2022, 38, 2026-2060.	1.6	1
3	Experimental and analytical investigation on the lateral response of ball rubber bearing isolators. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 155, 107157.	1.9	0
4	Refinement and Validation of the Simple Lateral Mechanism Analysis (SLaMA) Procedure for RC Frames. <i>Journal of Earthquake Engineering</i> , 2021, 25, 1227-1255.	1.4	31
5	Seismic retrofit solutions using base isolation for existing RC buildings: economic feasibility and pay-back time. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 483-512.	2.3	9
6	Conceptual design of integrated seismic and energy retrofit interventions. <i>Journal of Building Engineering</i> , 2021, 38, 102190.	1.6	32
7	Cost and Effectiveness of Fiber-Reinforced Polymer Solutions for the Large-Scale Mitigation of Seismic Risk in Reinforced Concrete Buildings. <i>Polymers</i> , 2021, 13, 2962.	2.0	8
8	Crack width-based fragility curves for reparability of substandard beam-column joints. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 6081-6111.	2.3	3
9	Implementation and Validation of the Simple Lateral Mechanism Analysis (SLaMA) for the Seismic Performance Assessment of a Damaged Case Study Building. <i>Journal of Earthquake Engineering</i> , 2020, 24, 1771-1802.	1.4	23
10	Repair costs of reinforced concrete building components: from actual data analysis to calibrated consequence functions. <i>Earthquake Spectra</i> , 2020, 36, 353-377.	1.6	39
11	Numerical simulation of substandard beam-column joints with different failure mechanisms. <i>Structural Concrete</i> , 2020, 21, 2515-2532.	1.5	7
12	Light FRP Strengthening of Poorly Detailed Reinforced Concrete Exterior Beam-Column Joints. <i>Journal of Composites for Construction</i> , 2020, 24, .	1.7	13
13	Experimental response and fiber-reinforced cement composites strengthening of real reinforced concrete columns with poor-quality concrete. <i>Structural Concrete</i> , 2019, 20, 1168-1181.	1.5	16
14	SENSITIVITY OF THE CYCLIC RESPONSE OF SUBSTANDARD BEAM-COLUMN JOINTS TO MATERIAL PROPERTIES. , 2019, , .		2
15	Correlation of In-Situ Material Characterization Tests and Experimental Performances of RC Members. <i>Lecture Notes in Civil Engineering</i> , 2018, , 454-466.	0.3	1
16	Repair Costs of Existing RC Buildings Damaged by the L'Aquila Earthquake and Comparison with FEMA P-58 Predictions. <i>Earthquake Spectra</i> , 2018, 34, 237-263.	1.6	66
17	The Italian guidelines for seismic risk classification of constructions: technical principles and validation. <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 5905-5935.	2.3	109
18	Comparison of available shear strength models for non-conforming reinforced concrete columns. <i>Engineering Structures</i> , 2017, 148, 312-327.	2.6	35

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19	SEISMIC ASSESSMENT OF A RC CASE STUDY BUILDING USING THE SIMPLE LATERAL MECHANISM ANALYSIS, SLAMA, METHOD. , 2017, , .		7
20	VALIDATION OF REFINED NUMERICAL MODELING FOR EXISTING RC BUILDINGS: COMPARISON BETWEEN PREDICTED AND OBSERVED EARTHQUAKE DAMAGE. , 2017, , .		0
21	Modelling beam-column joints and FRP strengthening in the seismic performance assessment of RC existing frames. Composite Structures, 2016, 142, 107-116.	3.1	47
22	Analytical model and design approach for FRP strengthening of non-conforming RC corner beam-column joints. Engineering Structures, 2015, 87, 8-20.	2.6	57
23	Accuracy of nonlinear static procedures for the seismic assessment of shear critical structures. Earthquake Engineering and Structural Dynamics, 2015, 44, 1581-1600.	2.5	16
24	Experimental Investigation of Exterior RC Beam-Column Joints Retrofitted with FRP Systems. Journal of Composites for Construction, 2014, 18, .	1.7	98