

# Silvia Santini

## List of Publications by Year in descending order

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papers

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citations

1040056

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docs citations

26  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Interventions: Conservation of Old Timber Roof of Michelangelo's Cloister in Diocletian's Baths. International Journal of Architectural Heritage, 2023, 17, 500-517.	3.1	6
2	Sustainable Recovery of Architectural Heritage: The Experience of a Worksite School in San Salvador. Sustainability, 2022, 14, 608.	3.2	6
3	Seismic Assessment of Roman Concrete Groin Vaults through UAV, NDT and 3D Analyses. Heritage, 2022, 5, 311-331.	1.9	5
4	Comparison of different finite element model updates based on experimental onsite testing: the case study of San Giovanni in Macerata. Journal of Civil Structural Health Monitoring, 2021, 11, 767-790.	3.9	11
5	Smart Materials: Cementitious Mortars and PCM Mechanical and Thermal Characterization. Materials, 2021, 14, 4163.	2.9	3
6	Setup Optimization of Experimental Measures on a Historical Building: The Octagonal Hall of the Diocletian's Bath. Heritage, 2021, 4, 2205-2223.	1.9	3
7	Onsite Testing for Nonlinear Analysis of an Earthquake Damaged Historical Church in Italy. Applied Sciences (Switzerland), 2021, 11, 11755.	2.5	1
8	The Structural Diagnosis of Existing RC Buildings: The Role of Nondestructive Tests in the Case of Low Concrete Strength. Infrastructures, 2020, 5, 100.	2.8	2
9	MODEL UPDATING OF A MASONRY HISTORICAL CHURCH BASED ON OPERATIONAL MODAL ANALYSIS: THE CASE STUDY OF SAN FILIPPO NERI IN MACERATA. , 2019, , .		1
10	Damage patterns in the town of Amatrice after August 24th 2016 Central Italy earthquakes. Bulletin of Earthquake Engineering, 2018, 16, 1399-1423.	4.1	103
11	Experimental Investigation of the Shear Strength of RC Beams Extracted from an Old Structure and Strengthened by Carbon FRP U-Strips. Applied Sciences (Switzerland), 2018, 8, 1182.	2.5	18
12	Severely Damaged Reinforced Concrete Circular Columns Repaired by Turned Steel Rebar and High-Performance Concrete Jacketing with Steel or Polymer Fibers. Applied Sciences (Switzerland), 2018, 8, 1671.	2.5	35
13	Asynchronous earthquake strong motion and RC bridges response. Journal of Traffic and Transportation Engineering (English Edition), 2018, 5, 454-466.	4.2	6
14	Experimental tests on existing RC beams strengthened in flexure and retrofitted for shear by C-FRP in presence of negative moments. International Journal of Advanced Structural Engineering, 2018, 10, 211-232.	1.3	15
15	ULTRA-HIGH-PERFORMANCE FIBER-REINFORCED CONCRETE JACKET FOR THE REPAIR AND THE SEISMIC RETROFITTING OF ITALIAN AND CHINESE RC BRIDGES. , 2017, , .		13
16	Rapid Repair Technique to Improve Plastic Dissipation of Existing Chinese RC Bridges. Applied Mechanics and Materials, 2016, 847, 204-209.	0.2	4
17	Shear Behavior Of Existing RC T-Beams Strengthened With CFRP. , 2013, , .		7
18	Experimental Tests on FRP Shear Retrofitted RC Beams. , 2011, , 759-762.		1

#	ARTICLE	IF	CITATIONS
19	Procedure for the Statistical Determination of the Design FRP-Confined Concrete Strength. , 2011, , 634-637.		0
20	Experimental Investigation of the Seismic Response of Repaired R.C. Bridges by Means of Pseudodynamic Tests. , 2010, , .		5
21	Experimental program for pseudodynamic tests on repaired and retrofitted bridge piers. European Journal of Environmental and Civil Engineering, 2009, 13, 671-683.	2.1	17
22	Design by testing: A procedure for the statistical determination of capacity models. Construction and Building Materials, 2009, 23, 1487-1494.	7.2	31
23	Damage, Vulnerability and Retrofitting Strategies for the Molise Hospital System following the 2002 Molise, Italy, Earthquake. Earthquake Spectra, 2004, 20, 285-299.	3.1	56
24	Reliability-based Calibration of Partial Safety Coefficients for Fiber-Reinforced Plastic. Journal of Composites for Construction, 2002, 6, 162-167.	3.2	23
25	Design of FRP Jackets for Upgrade of Circular Bridge Piers. Journal of Composites for Construction, 2001, 5, 94-101.	3.2	45
26	Circular RC Sections Confined with FRP: Modeling and Design. , 2001, , 1.		2