Diego Alejandro Talledo

List of Publications by Citations

16 papers	200 citations	9 h-index	14 g-index
16 ext. papers	254 ext. citations	3.8 avg, IF	3.22 L-index

#	Paper	IF	Citations
16	Constitutive model of concrete damaged by freeze–thaw action for evaluation of structural performance of RC elements. *Construction and Building Materials*, **2015**, 98, 559-569	6.7	52
15	Coupled axial-shear numerical model for CLT connections. *Construction and Building Materials*, **2017**, 150, 568-582	6.7	31
14	Angle bracket connections for CLT structures: Experimental characterization and numerical modelling. *Construction and Building Materials*, **2018**, 191, 95-113	6.7	25
13	A coupled damage model for RC structures: Proposal for a frost deterioration model and enhancement of mixed tension domain. *Construction and Building Materials*, **2014**, 65, 310-320	6.7	22
12	Strategies for structural modelling of CLT panels under cyclic loading conditions. *Engineering Structures*, **2019**, 198, 109476	4.7	15
11	Satellite radar interferometry: Potential and limitations for structural assessment and monitoring. *Journal of Building Engineering*, **2022**, 46, 103756	5.2	13
10	Vulnerability Analysis of Built Cultural Heritage: A Multidisciplinary Approach for Studying the Palladio's Tempietto Barbaro. *International Journal of Architectural Heritage*, **2017**, 11, 773-790	2.1	12
9	Nonlinear modelling of the seismic response of masonry structures: Calibration strategies. *Bulletin of Earthquake Engineering*,1	3.7	12
8	Corrosion effects on the seismic response of existing rc frames designed according to different building codes. *Engineering Structures*, **2020**, 216, 110397	4.7	11
7	Effect of different modelling approaches on the prediction of the seismic response of multi-storey CLT buildings. *International Journal of Computational Methods and Experimental Measurements*, **2017**, 5, 953-965	1	3
6	Enhanced N-V interaction domains for the design of CLT shear wall based on coupled connections models. *Engineering Structures*, **2021**, 231, 111607	4.7	2
5	Multidisciplinary Performance Assessment of an Eco-Sustainable RC-Framed Skin for the Integrated Upgrading of Existing Buildings. *Sustainability*, **2021**, 13, 9225	3.6	1
4	A Multidisciplinary Approach for the Vulnerability Assessment of a Venetian Historic Palace: High Water Phenomena and Climate Change Effects. *Buildings*, **2022**, 12, 431	3.2	1
3	Numerical Assessment of an Innovative RC-Framed Skin for Seismic Retrofit Intervention on Existing Buildings. *Applied Sciences (Switzerland)*, **2021**, 11, 9835	2.6	0
2	The Use of MT-DInSAR Data for the Safety Assessment and Monitoring of Structures and Infrastructures: The Case Study of Torri Stellari in Rome. *Lecture Notes in Civil Engineering*, **2023**, 387-396	0.3	
1	Techniques for Structural Assessment Based on MT-DInSAR Data, Applied to the San Michele Complex in Rome. *Lecture Notes in Civil Engineering*, **2023**, 593-603	0.3	