

# Renato Vitaliani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12149620/publications.pdf>

Version: 2024-02-01

14  
papers

755  
citations

687363

13  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive control of precast building response using cladding panels as dissipative shear walls. Bulletin of Earthquake Engineering, 2015, 13, 3527-3552.	4.1	25
2	Seismic isolation technique of marble sculptures at the Accademia Gallery in Florence: numerical calibration and simulation modelling. Bulletin of Earthquake Engineering, 2015, 13, 2719-2744.	4.1	18
3	Global damage indexes for the seismic performance assesement of RC structures. Earthquake Engineering and Structural Dynamics, 2009, 38, 1027-1049.	4.4	25
4	Seismic assessment of existing RC structures affected by degradation phenomena. Structural Safety, 2009, 31, 284-297.	5.3	93
5	Simulation of light-weight membrane structures by wrinkling model. International Journal for Numerical Methods in Engineering, 2005, 62, 2127-2153.	2.8	46
6	Wind field simulation for structural engineering purposes. International Journal for Numerical Methods in Engineering, 2004, 61, 738-763.	2.8	42
7	Shear behaviour of masonry panel: parametric FE analyses. International Journal of Solids and Structures, 2004, 41, 4383-4405.	2.7	39
8	Analyses of Masonry Vaults: A Macro Approach based on Three-Dimensional Damage Model. Journal of Structural Engineering, 2002, 128, 646-654.	3.4	47
9	An orthotropic damage model for masonry structures. International Journal for Numerical Methods in Engineering, 2002, 55, 127-157.	2.8	178
10	A scalar damage model with a shear retention factor for the analysis of reinforced concrete structures: theory and validation. Computers and Structures, 2001, 79, 737-755.	4.4	47
11	Coupled Environmental-Mechanical Damage Model of RC Structures. Journal of Engineering Mechanics - ASCE, 1999, 125, 930-940.	2.9	45
12	TIME EVOLUTION OF FAILURE DOMAINS DUE TO CHEMICAL DAMAGE PHENOMENA. , 1999, , 687-696.		0
13	Mechanical Behavior of Concrete under Physical-Chemical Attacks. Journal of Engineering Mechanics - ASCE, 1998, 124, 1100-1109.	2.9	65
14	Stress Analysis of Concrete Structures Subjected to Variable Thermal Loads. Journal of Structural Engineering, 1995, 121, 446-457.	3.4	85