

Renato Vitaliani

List of Publications by Year in descending order

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