Giuseppe Giambanco

List of Publications by Year
in descending order

26	447	759233 12	713466 21
papers	citations	h-index	g-index

28	28	28	298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical analysis of masonry structures via interface models. Computer Methods in Applied Mechanics and Engineering, 2001, 190, 6493-6511.	6.6	85
2	Damage and plasticity at the interfaces in composite materials and structures. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3884-3901.	6.6	46
3	Ultrasonic inspection for the detection of debonding in CFRP-reinforced concrete. Structure and Infrastructure Engineering, 2018, 14, 807-816.	3.7	37
4	A cohesive interface model for the structural mechanics of block masonry. Mechanics Research Communications, 1997, 24, 503-512.	1.8	34
5	The interphase finite element. Computational Mechanics, 2012, 50, 353-366.	4.0	23
6	Mixed mode failure analysis of bonded joints with rate-dependent interface models. International Journal for Numerical Methods in Engineering, 2006, 67, 1160-1192.	2.8	22
7	Minimum bond length and size effects in FRPâ€“substrate bonded joints. Engineering Fracture Mechanics, 2009, 76, 1957-1976.	4.3	22
8	Acoustic Emission Monitoring of Chemically Bonded Anchors. Journal of Nondestructive Evaluation, 2010, 29, 49-61.	2.4	22
9	On the Use of L-shaped Granular Chains for the Assessment of Thermal Stress in Slender Structures. Experimental Mechanics, 2015, 55, 543-558.	2.0	20
10	The Interphase Model for the Analysis of Joints in Rock Masses and Masonry Structures. Meccanica, 2001, 36, 111-130.	2.0	18
11	Meshless meso-modeling of masonry in the computational homogenization framework. Meccanica, 2018, 53, 1673-1697.	2.0	16
12	Elastoplastic Damaging Model for Adhesive Anchor Systems. I: Theoretical Formulation and Numerical Implementation. Journal of Engineering Mechanics - ASCE, 2011, 137, 854-861.	2.9	15
13	The interphase model applied to the analysis of masonry structures. Computer Methods in Applied Mechanics and Engineering, 2014, 279, 66-85.	6.6	13
14	Nonlinear finite element analysis of no-tension masonry structures. Meccanica, 1995, 30, 233-249.	2.0	12
15	A phase-field model for strain localization analysis in softening elastoplastic materials. International Journal of Solids and Structures, 2019, 172-173, 84-96.	2.7	11
16	Elastoplastic Damaging Model for Adhesive Anchor Systems. II: Numerical and Experimental Validation. Journal of Engineering Mechanics - ASCE, 2011, 137, 862-876.	2.9	8
17	A Mechanical Approach for Evaluating the Distribution of Confinement Pressure in FRP-Wrapped Rectangular Columns. Journal of Engineering Mechanics - ASCE, 2019, 145, 04019092.	2.9	8
18	CH of masonry materials via meshless meso-modeling. Frattura Ed Integrita Strutturale, 2014, 8, 150-165.	0.9	7

#	Article	IF	Citations
19	A FE-Meshless Multiscale Approach for Masonry Materials. Procedia Engineering, 2015, 109, 364-371.	1.2	6
20	Analysis of a Collapsed Long-Span Reinforced Concrete Roof in South Italy: Design Mistakes and Material Degradation. Journal of Performance of Constructed Facilities, 2020, 34, .	2.0	6
21	A design algorithm for the optimization of laminated composite structures. Engineering Computations, 1999, 16, 302-315.	1.4	5
22	Delamination study of through-thickness reinforced composite laminates via two-phase interface model. Composites Part A: Applied Science and Manufacturing, 2007, 38, 1985-1995.	7.6	4
23	The multiple slope discontinuity beam element for nonlinear analysis of RC framed structures. Meccanica, 2018, 53, 1469-1490.	2.0	4
24	Influence of design mistakes and material degradation on the collapse of a long-span RC roof in South Italy. Engineering Failure Analysis, 2020, 111, 104257.	4.0	2
25	Mesoscopic aspects of the computational homogenization with meshless modeling for masonry material. International Journal for Numerical Methods in Engineering, 2020, 121, 3610-3635.	2.8	1
26	Interphase Model and Phase-Field Approach for Strain Localization. Lecture Notes in Mechanical Engineering, 2020, , 389-396.	0.4	0