

# Emma LaMalfa Ribolla

## List of Publications by Year in descending order

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15  
papers

192  
citations

1163117

8  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient finite difference formulation of a geometrically nonlinear beam element. International Journal for Numerical Methods in Engineering, 2021, 122, 7013-7053.	2.8	7
2	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
3	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
4	Meshless meso-modeling of masonry in the computational homogenization framework. Meccanica, 2018, 53, 1673-1697.	2.0	16
5	Ultrasonic inspection for the detection of debonding in CFRP-reinforced concrete. Structure and Infrastructure Engineering, 2018, 14, 807-816.	3.7	37
6	On the coupling dynamics between thermally stressed beams and granular chains. Archive of Applied Mechanics, 2016, 86, 541-556.	2.2	13
7	An integrated structural health monitoring system based on electromechanical impedance and guided ultrasonic waves. Journal of Civil Structural Health Monitoring, 2015, 5, 337-352.	3.9	31
8	Modelling the Electromechanical Impedance Method for the Prediction of the Biomechanical Behavior of Dental Implant Stability. Procedia Engineering, 2015, 109, 128-134.	1.2	0
9	A FE-Meshless Multiscale Approach for Masonry Materials. Procedia Engineering, 2015, 109, 364-371.	1.2	6
10	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
11	Granular chains for the assessment of thermal stress in slender structures. Proceedings of SPIE, 2015, , ,	0.8	0
12	Modeling the electromechanical impedance technique for the assessment of dental implant stability. Journal of Biomechanics, 2015, 48, 1713-1720.	2.1	21
13	On the use of the electromechanical impedance technique for the assessment of dental implant stability: Modeling and experimentation. Journal of Intelligent Material Systems and Structures, 2015, 26, 2266-2280.	2.5	22
14	CH of masonry materials via meshless meso-modeling. Frattura Ed Integrità Strutturale, 2014, 8, 150-165.	0.9	7
15	On the use of EMI for the assessment of dental implant stability. , 2014, , ,		0