

Matteo Pellicciari

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

311
citations

1040056

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h-index

1199594

12
g-index

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all docs

15
docs citations

15
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Size effect in single layer graphene sheets and transition from molecular mechanics to continuum theory. <i>International Journal of Mechanical Sciences</i> , 2022, 214, 106895.	6.7	14
2	Trends in Human Factors Integration for the Design of Industry 4.0. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 785-792.	0.4	0
3	Optimization of the structural coupling between RC frames, CLT shear walls and asymmetric friction connections. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 3775-3800.	4.1	7
4	Analytical, numerical and experimental study of the finite inflation of circular membranes. <i>International Journal of Mechanical Sciences</i> , 2022, 226, 107383.	6.7	11
5	The psychological impact of COVID-19 and restrictive measures in the world. <i>Journal of Affective Disorders</i> , 2021, 283, 36-51.	4.1	106
6	Equilibrium and Stability of Anisotropic Hyperelastic Graphene Membranes. <i>Journal of Elasticity</i> , 2021, 144, 169-195.	1.9	17
7	Snap-through and Eulerian buckling of the bi-stable von Mises truss in nonlinear elasticity: A theoretical, numerical and experimental investigation. <i>International Journal of Non-Linear Mechanics</i> , 2021, 134, 103739.	2.6	11
8	A nonlinear molecular mechanics model for graphene subjected to large in-plane deformations. <i>International Journal of Engineering Science</i> , 2021, 167, 103527.	5.0	20
9	Development and Validation of New Boucâ€“Wen Data-Driven Hysteresis Model for Masonry Infilled RC Frames. <i>Journal of Engineering Mechanics - ASCE</i> , 2021, 147, .	2.9	17
10	Equilibrium Paths for von Mises Trusses in Finite Elasticity. <i>Journal of Elasticity</i> , 2020, 138, 145-168.	1.9	28
11	A degrading Boucâ€“Wen model for the hysteresis of reinforced concrete structural elements. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 917-930.	3.7	17
12	Equilibrium paths of a three-bar truss in finite elasticity with an application to graphene. <i>Mathematics and Mechanics of Solids</i> , 2020, 25, 705-726.	2.4	17
13	Equilibrium of the von Mises Truss in Nonlinear Elasticity. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 1743-1752.	0.4	0
14	Parameter identification of degrading and pinched hysteretic systems using a modified Boucâ€“Wen model. <i>Structure and Infrastructure Engineering</i> , 2018, 14, 1573-1585.	3.7	43
15	Structural robustness of an RC pier under repeated earthquakes. <i>Proceedings of the Institution of Civil Engineers: Bridge Engineering</i> , 0, , 1-8.	0.6	3