

# Matteo Brunetti

## List of Publications by Year in descending order

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12  
papers

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citations

1163117

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#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics of bistable composite cantilever shells: An experimental and modelling study. <i>Journal of Sound and Vibration</i> , 2022, 526, 116779.	3.9	11
2	A low-order mixed variational principle for the generalized Marguerreâ€“von KÃ¡rmÃ¡n equations. <i>Meccanica</i> , 2020, 55, 883-890.	2.0	2
3	A mixed variational principle for the FÃ¶pplâ€“von KÃ¡rmÃ¡n equations. <i>Applied Mathematical Modelling</i> , 2020, 79, 381-391.	4.2	5
4	Enhanced models for the nonlinear bending of planar rods: localization phenomena and multistability. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200455.	2.1	7
5	Layered Phase Field Approach to Shells. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 427-437.	0.4	0
6	Bistability of orthotropic shells with clamped boundary conditions: An analysis by the polar method. <i>Composite Structures</i> , 2018, 194, 388-397.	5.8	20
7	Simple and extensible plate and shell finite element models through automatic code generation tools. <i>Computers and Structures</i> , 2018, 209, 163-181.	4.4	40
8	Multistable cantilever shells: Analytical prediction, numerical simulation and experimental validation. <i>Composites Science and Technology</i> , 2018, 165, 397-410.	7.8	12
9	Experimental results in damping evaluation of a high-speed railway bridge. <i>Procedia Engineering</i> , 2017, 199, 3015-3020.	1.2	8
10	A class of morphing shell structures satisfying clamped boundary conditions. <i>International Journal of Solids and Structures</i> , 2016, 82, 47-55.	2.7	29
11	Warping and Ljapunov stability of non-trivial equilibria of non-symmetric open thin-walled beams. <i>Thin-Walled Structures</i> , 2015, 86, 73-82.	5.3	12
12	On inner shearing constraints for a direct beam model coarsely describing warping. <i>Meccanica</i> , 2013, 48, 2439-2451.	2.0	8