

# Matteo Brunetti

## List of Publications by Year in descending order

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12  
papers

154  
citations

1163117

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1281871

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g-index

12  
all docs

12  
docs citations

12  
times ranked

127  
citing authors

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