

Rached El Fatmi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

343
citations

8
h-index

15
g-index

15
ext. papers

366
ext. citations

3.4
avg, IF

3.96
L-index

#	Paper	IF	Citations
14	Buckling analysis of homogeneous or composite I-beams using a 1D refined beam theory built on Saint Venant's solution. <i>Thin-Walled Structures</i> , 2018 , 127, 822-831	4.7	5
13	Numerical free vibration analysis of homogeneous or composite beam using a refined beam theory built on Saint Venant's solution. <i>Computers and Structures</i> , 2018 , 210, 102-121	4.5	6
12	Thermo-mechanical analysis of composite beams. <i>Composite Structures</i> , 2017 , 162, 388-400	5.3	3
11	A refined 1D beam theory built on 3D Saint-Venant's solution to compute homogeneous and composite beams. <i>Journal of Mechanics of Materials and Structures</i> , 2016 , 11, 345-378	1.2	8
10	Static and dynamic analysis of bending-torsion coupling of a CFRP sandwich beam. <i>Composite Structures</i> , 2016 , 145, 26-36	5.3	9
9	Higher order composite beam theory built on Saint-Venant's solution. Part-II: Built-in effects influence on the behavior of end-loaded cantilever beams. <i>Composite Structures</i> , 2011 , 93, 567-581	5.3	19
8	Higher order composite beam theory built on Saint-Venant's solution. Part-I: Theoretical developments. <i>Composite Structures</i> , 2011 , 93, 557-566	5.3	34
7	Extension of the non-uniform warping theory to an orthotropic composite beam. <i>Comptes Rendus - Mecanique</i> , 2010 , 338, 704-711	2.1	6
6	Non uniform warping for beams. <i>European Journal of Computational Mechanics</i> , 2008 , 17, 933-944	0.5	
5	A non-uniform warping theory for beams. <i>Comptes Rendus - Mecanique</i> , 2007 , 335, 467-474	2.1	13
4	Non-uniform warping including the effects of torsion and shear forces. Part II: Analytical and numerical applications. <i>International Journal of Solids and Structures</i> , 2007 , 44, 5930-5952	3.1	63
3	Non-uniform warping including the effects of torsion and shear forces. Part I: A general beam theory. <i>International Journal of Solids and Structures</i> , 2007 , 44, 5912-5929	3.1	89
2	A numerical method for the exact elastic beam theory. Applications to homogeneous and composite beams. <i>International Journal of Solids and Structures</i> , 2004 , 41, 2521-2537	3.1	36
1	On the structural behavior and the Saint Venant solution in the exact beam theory. <i>Computers and Structures</i> , 2002 , 80, 1441-1456	4.5	51