

# Rached El Fatmi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

394  
citations

1162889

8  
h-index

1058333

14  
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all docs

15  
docs citations

15  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-uniform warping including the effects of torsion and shear forces. Part I: A general beam theory. International Journal of Solids and Structures, 2007, 44, 5912-5929.	1.3	105
2	Non-uniform warping including the effects of torsion and shear forces. Part II: Analytical and numerical applications. International Journal of Solids and Structures, 2007, 44, 5930-5952.	1.3	78
3	On the structural behavior and the Saint Venant solution in the exact beam theory. Computers and Structures, 2002, 80, 1441-1456.	2.4	55
4	A numerical method for the exact elastic beam theory. Applications to homogeneous and composite beams. International Journal of Solids and Structures, 2004, 41, 2521-2537.	1.3	40
5	Higher order composite beam theory built on Saint-Venant's solution. Part-I: Theoretical developments. Composite Structures, 2011, 93, 557-566.	3.1	37
6	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. Composite Structures, 2011, 93, 567-581.	3.1	20
7	A non-uniform warping theory for beams. Comptes Rendus - Mecanique, 2007, 335, 467-474.	2.1	15
8	Static and dynamic analysis of bending-torsion coupling of a CFRP sandwich beam. Composite Structures, 2016, 145, 26-36.	3.1	12
9	A refined 1D beam theory built on 3D Saint-Venant's solution to compute homogeneous and composite beams. Journal of Mechanics of Materials and Structures, 2016, 11, 345-378.	0.4	9
10	Numerical free vibration analysis of homogeneous or composite beam using a refined beam theory built on Saint Venant's solution. Computers and Structures, 2018, 210, 102-121.	2.4	7
11	Extension of the non-uniform warping theory to an orthotropic composite beam. Comptes Rendus - Mecanique, 2010, 338, 704-711.	2.1	6
12	Buckling analysis of homogeneous or composite I-beams using a 1D refined beam theory built on Saint Venant's solution. Thin-Walled Structures, 2018, 127, 822-831.	2.7	6
13	Thermo-mechanical analysis of composite beams. Composite Structures, 2017, 162, 388-400.	3.1	3
14	Un outil Matlab pour le calcul des caractéristiques mécaniques d'une section composite quelconque. Revue Des Composites Et Des Materiaux Avances, 2012, 22, 395-413.	0.2	1
15	Non uniform warping for beams. European Journal of Computational Mechanics, 2008, 17, 933-944.	0.6	0