

# Onofre Marco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7668733/publications.pdf>

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7  
papers

133  
citations

1683934

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1719901

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docs citations

8  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact 3D boundary representation in finite element analysis based on Cartesian grids independent of the geometry. <i>International Journal for Numerical Methods in Engineering</i> , 2015, 103, 445-468.	1.5	43
2	An immersed boundary hierarchical B-spline method for flexoelectricity. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 354, 750-782.	3.4	31
3	A combined XFEM phase-field computational model for crack growth without remeshing. <i>Computational Mechanics</i> , 2021, 67, 231-249.	2.2	27
4	Stabilized method of imposing Dirichlet boundary conditions using a recovered stress field. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2015, 296, 352-375.	3.4	17
5	Robust h-adaptive meshing strategy considering exact arbitrary CAD geometries in a Cartesian grid framework. <i>Computers and Structures</i> , 2017, 193, 87-109.	2.4	11
6	Structural shape optimization using Cartesian grids and automatic h-adaptive mesh projection. <i>Structural and Multidisciplinary Optimization</i> , 2018, 58, 61-81.	1.7	2
7	An extension of shape sensitivity analysis to an immersed boundary method based on Cartesian grids. <i>Computational Mechanics</i> , 2018, 62, 701-723.	2.2	2