

Seyed Farhad Hosseini

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

200
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on knot placement techniques for the geometry construction and the accurate simulation of isogeometric spatial curved beams. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 360, 112705.	6.6	14
2	Effects of parameterization and knot placement techniques on primal and mixed isogeometric collocation formulations of spatial shear-deformable beams with varying curvature and torsion. <i>Computers and Mathematics With Applications</i> , 2020, 80, 2563-2585.	2.7	11
3	Nonlinear bifurcation analysis of statically loaded free-form curved beams using isogeometric framework and pseudo-arclength continuation. <i>International Journal of Non-Linear Mechanics</i> , 2019, 113, 1-16.	2.6	12
4	Isogeometric analysis of free-form Timoshenko curved beams including the nonlinear effects of large deformations. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2018, 34, 728-743.	3.4	29
5	On the application of curve reparameterization in isogeometric vibration analysis of free-form curved beams. <i>Computers and Structures</i> , 2018, 209, 117-129.	4.4	22
6	Pre-bent shape design of full free-form curved beams using isogeometric method and semi-analytical sensitivity analysis. <i>Structural and Multidisciplinary Optimization</i> , 2018, 58, 2621-2633.	3.5	8
7	An integrated fitting and fairing approach for object reconstruction using smooth NURBS curves and surfaces. <i>Computers and Mathematics With Applications</i> , 2018, 76, 1555-1575.	2.7	38
8	Innovative approach to computer-aided design of horizontal axis wind turbine blades. <i>Journal of Computational Design and Engineering</i> , 2017, 4, 98-105.	3.1	20
9	Kinematically smoothing trajectories by NURBS reparameterization – an innovative approach. <i>Advanced Robotics</i> , 2017, 31, 1296-1312.	1.8	24
10	The effect of parameterization on isogeometric analysis of free-form curved beams. <i>Acta Mechanica</i> , 2016, 227, 1983-1998.	2.1	22