Seyed Farhad Hosseini

List of Publications by Year
in descending order

10	200	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	128
all docs	docs citations	times ranked	citing authors

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