

Zuqing Yu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rational ANCF Thin Plate Finite Element. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	0.7	36
2	Computer implementation of piecewise cable element based on the absolute nodal coordinate formulation and its application in wire modeling. <i>Acta Mechanica</i> , 2019, 230, 1145-1158.	1.1	31
3	A piecewise beam element based on absolute nodal coordinate formulation. <i>Nonlinear Dynamics</i> , 2014, 77, 1-15.	2.7	27
4	A new absolute nodal coordinate formulation beam element with multilayer circular cross section. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2020, 36, 82-96.	1.5	23
5	Mixed-Coordinate ANCF Rectangular Plate Finite Element. <i>Journal of Computational and Nonlinear Dynamics</i> , 2015, 10, .	0.7	8
6	Dynamic interaction between the transmission wire and cross-frame. <i>Mechanism and Machine Theory</i> , 2021, 155, 104068.	2.7	8
7	Integration of non-uniform Rational B-splines geometry and rational absolute nodal coordinates formulation finite element analysis. <i>Acta Mechanica Solida Sinica</i> , 2014, 27, 486-495.	1.0	7
8	New ANCF solid-beam element: relationship with BÄ©zier volume and application on leaf spring modeling. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2021, 37, 1318-1330.	1.5	7
9	Thermo-mechanical coupled analysis of V-belt drive system via absolute nodal coordinate formulation. <i>Mechanism and Machine Theory</i> , 2022, 174, 104906.	2.7	6
10	Adaptive subdomain integration method for representing complex localized geometry in ANCF. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2022, 38, .	1.5	5
11	Multibody system dynamic analysis and payload swing control of tower crane. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2022, 236, 407-421.	0.5	5
12	Model order reduction of thermo-mechanical coupling flexible multibody dynamics via free-interface component mode synthesis method. <i>Mechanism and Machine Theory</i> , 2022, 172, 104786.	2.7	4
13	Model-Order Reduction of Flexible Multibody Dynamics Via Free-Interface Component Mode Synthesis Method. <i>Journal of Computational and Nonlinear Dynamics</i> , 2020, 15, .	0.7	3
14	A new planar triangular element based on the absolute nodal coordinate formulation. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2019, 233, 163-173.	0.5	1
15	A novel absolute nodal coordinate formulation thin plate tire model with fractional derivative viscosity and surface integral-based contact algorithm. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2019, 233, 583-597.	0.5	1