

Zuqing Yu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

172
citations

1307366

7
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

85
citing authors

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