

Wenjun Meng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

180
citations

1684188

5
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary resonance analysis and vibration suppression for the harmonically excited nonlinear suspension system using a pair of symmetric viscoelastic buffers. <i>Nonlinear Dynamics</i> , 2018, 94, 1243-1265.	5.2	137
2	Reliability Analysis-Based Numerical Calculation of Metal Structure of Bridge Crane. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-5.	1.1	11
3	Design Optimization and Analysis of an Outer-Rotor Direct-Drive Permanent-Magnet Motor for Medium-Speed Electric Vehicle. <i>World Electric Vehicle Journal</i> , 2019, 10, 16.	3.0	9
4	Thermo-mechanical strong coupling analysis on braking device of pipe belt conveyor. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 1277-1285.	1.5	6
5	Buckling theoretical analysis on all-terrain crane telescopic boom with n-stepped sections. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 3637-3644.	1.5	6
6	Experimental and theoretical analyses of the contact-impact behavior of Babbitt ZChSnSb11-6. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 1267-1276.	1.1	3
7	Research on the master-slave compound multi-cantilever piezoelectric energy harvester. <i>Microsystem Technologies</i> , 2017, 23, 1027-1044.	2.0	2
8	Analytical method comparison on critical force of the stepped column model of telescopic crane. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880869.	1.6	1
9	Indentation rolling resistance based on a three-parameter Kelvin solid model. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401983951.	1.6	1
10	Kinematics uncertainty analysis of mine bolter manipulator based on Chebyshev interval algorithms. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401984932.	1.6	1
11	Numerical Study on the Fatigue Limit of Metallic Glasses under Cyclic Tension-Compression Loading. <i>Materials</i> , 2020, 13, 1732.	2.9	1
12	A Kind of Filling Lattice Structure Based on DFAM for Mechanical Parts: The Diamond Lattice Structure. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-14.	1.8	1
13	Analysis of the Screw Flight Wear Model and Wear Regularity of the Bulk Transport in Screw Ship Unloader. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 0, , 1.	1.3	1
14	Research on Indentation Rolling Resistance Based on Viscoelasticity of Cover Rubber under a Conveyor Belt. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-16.	1.1	0
15	Notch Effect on Plastic Deformation of Metallic Glass: A Numerical Study by Revised Free-Volume Theory. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-13.	1.8	0
16	Continuous medium hypothesis-based study on the screw flight wear model and wear regularity in a screw ship unloader. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2021, 45, 584-593.	0.8	0