

Xuedong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2135977/publications.pdf>

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6
papers

249
citations

1684188

5
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and design of a novel arrayed magnetic spring with high negative stiffness for low-frequency vibration isolation. <i>International Journal of Mechanical Sciences</i> , 2022, 216, 106980.	6.7	42
2	Inverse Eigenvalue Theory-Based Rigid Multibody Modeling Method of Complex Flexible Structures in Large-Scale Mechanical Systems. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-18.	1.1	0
3	Active Hybrid Control Algorithm with Sky-Hook Damping and Lead-Lag Phase Compensation for Multi-DOFs Ultra-Low Frequency Active Vibration Isolation System. <i>Shock and Vibration</i> , 2017, 2017, 1-18.	0.6	5
4	An Ultra-Low Frequency Two DOFs™ Vibration Isolator Using Positive and Negative Stiffness in Parallel. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-15.	1.1	9
5	Analysis and experiment of a vibration isolator using a novel magnetic spring with negative stiffness. <i>Journal of Sound and Vibration</i> , 2014, 333, 2958-2970.	3.9	187
6	Symbolic Formulation of Large-scale Open-loop Multibody Systems for Vibration Analysis Using Absolute Joint Coordinates. <i>Journal of System Design and Dynamics</i> , 2008, 2, 1015-1026.	0.3	6