

Ji-Heon Kang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

40
citations

2257833

3
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1872570

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g-index

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all docs

15
docs citations

15
times ranked

14
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Center Pillar with Composite Reinforcements Using Hybrid Molding Method. <i>Materials</i> , 2021, 14, 2047.	1.3	9
2	Efficiency of non-dimensional analysis for absolute nodal coordinate formulation. <i>Nonlinear Dynamics</i> , 2017, 87, 1139-1151.	2.7	5
3	A Study on Fault Classification of Machining Center using Acceleration Data Based on 1D CNN Algorithm. <i>Journal of the Korean Society of Manufacturing Process Engineers</i> , 2019, 18, 29-35.	0.1	5
4	Derivation of equations of motion of an unwinding cable considering transient-state tensile force in time-varying unwinding velocity. <i>Nonlinear Dynamics</i> , 2020, 100, 3199-3214.	2.7	4
5	Non-dimensional simple beam models for the elastic forces in ANCF: 3D equation and simulation. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 3899-3914.	0.7	3
6	Development of a test method and experimental study on cable unwinding. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 2653-2667.	1.1	3
7	Estimation of the Frequency Response Function of the Rotational Degree of Freedom. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8527.	1.3	3
8	Prediction of Impact Energy Absorption in a High Weight Drop Tester by Response Surface Methodology. <i>Journal of the Korean Society of Manufacturing Process Engineers</i> , 2016, 15, 44-51.	0.1	3
9	Nondimensional analysis of a two-dimensional shear deformable beam in absolute nodal coordinate formulation. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 1236-1246.	1.1	2
10	Automation for Pick Arrangement Design of a Cutting Head Attachment Using RecurDyn/ProcessNet. <i>Transactions of the Korean Society of Mechanical Engineers, A</i> , 2016, 40, 685-692.	0.1	2
11	Program development on cleaning pattern and performance evaluation for low pressure waterjet. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402098516.	0.8	1
12	Dynamic load applied to shear pin and motion prediction of flexible hose. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 4172-4185.	1.1	0
13	Construction of unwinding equation of motion for thin cable in spherical coordinate system. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 1208-1220.	1.1	0
14	Verification of numerical analysis for unwinding cable with time-varying unwinding velocity. <i>Textile Research Journal</i> , 2021, 91, 1957-1973.	1.1	0
15	Derivation of Non-dimensional Equation of Motion for Thin Plate in Absolute Nodal Coordinate Formulation. , 2020, , 449-459.		0