Jae-Wook Lee

List of Publications by Year
in descending order

13 papers	94 citations	1684188 5 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	39 citing authors

#	Article	IF	Citations
1	Evaluation of drilling efficiency by percussion testing of a drill bit with new button arrangement. International Journal of Precision Engineering and Manufacturing, 2014, 15, 1063-1068.	2.2	25
2	Prediction of unwinding behaviors and problems of cables from inner-winding spool dispensers. Nonlinear Dynamics, 2012, 67, 1791-1809.	5.2	16
3	Derivation of equations of motion of an unwinding cable from a cylindrical spool package. Journal of Mechanical Science and Technology, 2011, 25, 1287-1296.	1.5	15
4	Verification of simulation for unwinding motion of cable in water by physical experiment. Nonlinear Dynamics, 2014, 77, 553-568.	5.2	9
5	Necessity of transient-state unwinding equation of motion for analyzing unwinding motion of a thin cable. Nonlinear Dynamics, 2015, 80, 1565-1583.	5.2	6
6	Study on boundary conditions considering unwinding velocity in transient unwinding equations of motion. Journal of Mechanical Science and Technology, 2015, 29, 2587-2592.	1.5	4
7	Optimal button arrangement of a percussion drill bit and its operating condition for improving drilling efficiency. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 2887-2898.	2.1	4
8	Derivation of equations of motion of an unwinding cable considering transient-state tensile force in time-varying unwinding velocity. Nonlinear Dynamics, 2020, 100, 3199-3214.	5.2	4
9	Development of a test method and experimental study on cable unwinding. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 2653-2667.	2.1	3
10	Node Part Development of Vehicle Body with Space Frame Using Design Technology for Additive Manufacturing. Journal of the Korean Society of Manufacturing Process Engineers, 2020, 19, 45-52.	0.2	3
11	Automation for Pick Arrangement Design of a Cutting Head Attachment Using RecurDyn/ProcessNet. Transactions of the Korean Society of Mechanical Engineers, A, 2016, 40, 685-692.	0.2	2
12	A Study on the Mechanical Properties of an Automobile Part Additively Printed through Periodic Layer Rotation Strategies. Materials, 2022, 15, 70.	2.9	2
13	Program development on cleaning pattern and performance evaluation for low pressure waterjet. Advances in Mechanical Engineering, 2021, 13, 168781402098516.	1.6	1