

# Jae-Wook Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2167703/publications.pdf>

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13  
papers

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citations

1684188

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1372567

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times ranked

39  
citing authors

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