

Jong-Won Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

105
citations

1684188

5
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	A new non-servo motor type automatic tool changing mechanism based on rotational transmission with dual four-bar linkages. <i>Meccanica</i> , 2018, 53, 2447-2459.	2.0	8
2	Four-bar linkage-based automatic tool changer: Dynamic modeling and torque optimization. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 2407-2413.	1.5	2
3	Four-bar linkage-based tool changing mechanism and torque compensation based on dynamic characteristics. , 2016, , .		0
4	Numerical hybrid Taguchi-random coordinate search algorithm for path synthesis. <i>Mechanism and Machine Theory</i> , 2016, 102, 203-216.	4.5	23
5	A new design methodology for four-bar linkage mechanisms based on derivations of coupler curve. <i>Mechanism and Machine Theory</i> , 2016, 100, 138-154.	4.5	34
6	Back-stepping control design for an underwater robot with tilting thrusters. , 2015, , .		5
7	Optimal design of the front linkage of a hydraulic excavator for multi-objective function. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 3103-3111.	1.5	20
8	Optimal design of geometric parameters of a four-bar based manipulator for an underwater robotic platform. , 2013, , .		1
9	Optimal Design of a Four-bar Linkage Manipulator for Starfish-Capture Robot Platform. <i>Journal of the Korean Society for Precision Engineering</i> , 2013, 30, 961-968.	0.2	2
10	Gain Optimization of a Back-Stepping Controller for 6-Dof Underwater Robotic Platform. <i>Journal of the Korean Society for Precision Engineering</i> , 2013, 30, 1031-1039.	0.2	4
11	Starfish Capture Robotic Platform: Conceptual Design and Analysis. <i>Journal of the Korean Society for Precision Engineering</i> , 2012, 29, 978-985.	0.2	6