

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