Jungwook Suh

List of Publications by Year
in descending order

11 papers	109 citations	1684188 5 h-index	1720034 7 g-index
11 all docs	11 docs citations	11 times ranked	97 citing authors

#	Article	IF	Citations
1	Design Considerations for a Hyper-Redundant Pulleyless Rolling Joint With Elastic Fixtures. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2841-2852.	5.8	58
2	Underactuated miniature bending joint composed of serial pulleyless rolling joints. Advanced Robotics, 2014, 28, 1-14.	1.8	20
3	Design and Evaluation of a Continuum Robot with Discreted link joints for Cardiovascular Interventions. , 2018, , .		11
4	Design of a discrete bending joint using multiple unit PREF joints for isotropic 2-DOF motion. International Journal of Control, Automation and Systems, 2017, 15, 64-72.	2.7	6
5	Design and Verification of a Gravity-Compensated Tool Handler for Supporting an Automatic Hair-Implanting Device. IEEE Robotics and Automation Letters, 2019, 4, 4410-4417.	5.1	5
6	Design, Modeling, and Evaluation of a Compact and Lightweight Needle End-effector with Simple Force-feedback Implementation for Robotic CT-guided Needle Interventions. International Journal of Control, Automation and Systems, 2020, 18, 85-101.	2.7	5
7	Utilization of 2N + 1 Units for 2-DOF Discrete Bending Joint to Transmit Perfect Axial Rotation for Laparoscopic Instruments. International Journal of Control, Automation and Systems, 2020, 18, 186-195.	2.7	2
8	Development of optical FBG force measurement system for the medical application. Proceedings of SPIE, 2009, , .	0.8	1
9	Development and Application of Motor-Equipped Reaction Torque Sensor with Adjustable Measurement Range and Sensitivity. Applied Sciences (Switzerland), 2020, 10, 8770.	2.5	1
10	Static Modeling of a Miniaturized Continuum Robot for Surgical Interventions and Displacement Analysis under Lateral External Loads. The Journal of Korea Robotics Society, 2020, 15, 301-308.	0.4	0
11	Study on Stiffness and Shape Deformation of a Hyper-Redundant Robot for Robotic Interventions. Journal of Institute of Control, Robotics and Systems, 2020, 26, 999-1006.	0.2	0