

Chunwoo Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Continuously Variable Stiffness Mechanism Using Nonuniform Patterns on Coaxial Tubes for Continuum Microsurgical Robot. IEEE Transactions on Robotics, 2019, 35, 1475-1487.	10.3	32
2	Design Optimization of Asymmetric Patterns for Variable Stiffness of Continuum Tubular Robots. IEEE Transactions on Industrial Electronics, 2022, 69, 8190-8200.	7.9	12
3	A Needlescopic Wrist Mechanism With Articulated Motion and Kinematic Tractability for Micro Laparoscopic Surgery. IEEE/ASME Transactions on Mechatronics, 2020, 25, 229-238.	5.8	9
4	Development of Novel Bevel-Geared 5 mm Articulating Wrist for Micro-Laparoscopy Instrument. IEEE Robotics and Automation Letters, 2019, 4, 3711-3718.	5.1	8
5	Design of Continuum Robot With Variable Stiffness for Gastrointestinal Stenting Using Conformability Factor. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 529-532.	3.2	3
6	Design and Fabrication of Transformable Head Structures for Endoscopic Catheters*. , 2019, , .		1
7	Ergonomic Design Process of Minimally Invasive Surgery Instrument hand-held manipulator with kinematic, psychologic analysis. , 2019, , .		1
8	Development of microsurgical robot arm using spherical serial RCM mechanism and commercial laparoscopic surgical robot instrument. , 2022, , .		1
9	Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. Pain Physician, 2018, 21, E565-E571.	0.4	0