

Hoeryong Jung

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Control Scheme for Rapidly Responding Register Controller Using Response Acceleration Input in Industrial Roll-To-Roll Manufacturing Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 5215-5224.	7.9	11
2	Component-Wise Error Correction Method for UWB-Based Localization in Target-Following Mobile Robot. <i>Sensors</i> , 2022, 22, 1180.	3.8	5
3	Towards a Snake-Like Flexible Robot With Variable Stiffness Using an SMA Spring-Based Friction Change Mechanism. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 6582-6589.	5.1	7
4	Patient-specific functional electrical stimulation strategy based on muscle synergy and walking posture analysis for gait rehabilitation of stroke patients. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110167.	1.0	9
5	Estimation of Health-Related Physical Fitness Using Multiple Linear Regression in Korean Adults: National Fitness Award 2015â€“2019. <i>Frontiers in Physiology</i> , 2021, 12, 668055.	2.8	11
6	Estimated Artificial Neural Network Modeling of Maximal Oxygen Uptake Based on Multistage 10-m Shuttle Run Test in Healthy Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8510.	2.6	2
7	Estimation of Health-Related Physical Fitness (HRPF) Levels of the General Public Using Artificial Neural Network with the National Fitness Award (NFA) Datasets. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10391.	2.6	4
8	TUHAD: Taekwondo Unit Technique Human Action Dataset with Key Frame-Based CNN Action Recognition. <i>Sensors</i> , 2020, 20, 4871.	3.8	17
9	Electrically Elicited Force Response Characteristics of Forearm Extensor Muscles for Electrical Muscle Stimulation-Based Haptic Rendering. <i>Sensors</i> , 2020, 20, 5669.	3.8	4
10	Incision Sensor Using Conductive Tape for Cricothyrotomy Training Simulation With Quantitative Feedback. <i>IEEE Access</i> , 2019, 7, 12947-12958.	4.2	1
11	Shock Absorber Mechanism Based on an SMA Spring for Lightweight Exoskeleton Applications. <i>International Journal of Precision Engineering and Manufacturing</i> , 2019, 20, 1533-1541.	2.2	7
12	Prediction of Smart Greenhouse Temperature-Humidity Based on Multi-Dimensional LSTMs. <i>Journal of the Korean Society for Precision Engineering</i> , 2019, 36, 239-246.	0.2	2
13	Method for a simultaneous determination of the path and the speed for ship route planning problems. <i>Ocean Engineering</i> , 2018, 157, 301-312.	4.3	70
14	Robotic remote control based on human motion via virtual collaboration system: A survey. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2018, 12, JAMDSM0126-JAMDSM0126.	0.7	5
15	3D reconstruction of underwater scene for marine bioprospecting using remotely operated underwater vehicle (ROV). <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 5541-5550.	1.5	4
16	Distributed transmission power control for communication congestion control and awareness enhancement in VANETs. <i>PLoS ONE</i> , 2018, 13, e0203261.	2.5	11
17	Application of calendering for improving the electrical characteristics of a printed top-gate, bottom-contact organic thin film transistors. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 05GC01.	1.5	5
18	High-precision register error control using active-motion-based roller in roll-to-roll gravure printing. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 05GB04.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Smearing defects: a root cause of register measurement error in roll-to-roll additive manufacturing system. International Journal of Advanced Manufacturing Technology, 2018, 98, 3155-3165.	3.0	12
20	IMU based Walking Position Tracking using Kinematic Model of Lower Body and Walking Cycle Analysis. Journal of the Korean Society for Precision Engineering, 2018, 35, 965-972.	0.2	6
21	CNN-based Tomato Powdery Mildew Recognition Method. Journal of Institute of Control, Robotics and Systems, 2018, 24, 617-623.	0.2	0
22	Challenges of Flexible Surgical Robots: Review. Transactions of the Korean Society of Mechanical Engineers, A, 2018, 42, 891-903.	0.2	2
23	Wire-actuated Position Sensor for Object Following Control of Mobile Robot. Journal of Institute of Control, Robotics and Systems, 2018, 24, 947-953.	0.2	0
24	A psychophysical evaluation of haptic controllers: viscosity perception of soft environments. Robotica, 2014, 32, 1-17.	1.9	16
25	Analytical and Psychophysical Comparison of Bilateral Teleoperators for Enhanced Perceptual Performance. IEEE Transactions on Industrial Electronics, 2014, 61, 6202-6212.	7.9	16
26	Markerless tracking for augmented reality for image-guided Endoscopic Retrograde Cholangiopancreatography. , 2013, 2013, 7364-7.		3
27	A method for generating cut surface in surgery simulation. , 2013, , .		5
28	Real-time cutting simulation of meshless deformable object using dynamic bounding volume hierarchy. Computer Animation and Virtual Worlds, 2012, 23, 489-501.	1.2	14
29	Design of a Haptic Interface for a Gastrointestinal Endoscopy Simulation. Advanced Robotics, 2012, 26, 2115-2143.	1.8	2
30	Real-time deformation of colon and endoscope for colonoscopy simulation. International Journal of Medical Robotics and Computer Assisted Surgery, 2012, 8, 273-281.	2.3	3
31	Real-time simulation of interaction between colon and endoscope for the colonoscopy simulation. Studies in Health Technology and Informatics, 2012, 173, 218-24.	0.3	0
32	GPU-based real-time soft tissue deformation with cutting and haptic feedback. Progress in Biophysics and Molecular Biology, 2010, 103, 159-168.	2.9	131
33	Psychophysical evaluation of control scheme designed for optimal kinesthetic perception in scaled teleoperation. , 2010, , .		1
34	High Fidelity Haptic Rendering for Deformable Objects Undergoing Topology Changes. Lecture Notes in Computer Science, 2010, , 262-268.	1.3	2
35	Haptic Rendering of Drilling into Femur Bone with Graded Stiffness. , 2007, , .		4
36	Surface-Data-Based Haptic Rendering for Simulation of Surgery of Closed Reduction and Internal Fixation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 210-3.	0.5	3