Hoeryong Jung

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/995812/publications.pdf

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36	406	933447 10	794594 19
papers	citations	h-index	g-index

36	36	36	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Method for a simultaneous determination of the path and the speed for ship route planning problems. Ocean Engineering, 2018, 157, 301-312.	4.3	70
3	TUHAD: Taekwondo Unit Technique Human Action Dataset with Key Frame-Based CNN Action Recognition. Sensors, 2020, 20, 4871.	3.8	17
4	A psychophysical evaluation of haptic controllers: viscosity perception of soft environments. Robotica, 2014, 32, 1-17.	1.9	16
5	Analytical and Psychophysical Comparison of Bilateral Teleoperators for Enhanced Perceptual Performance. IEEE Transactions on Industrial Electronics, 2014, 61, 6202-6212.	7.9	16
6	Realâ€time cutting simulation of meshless deformable object using dynamic bounding volume hierarchy. Computer Animation and Virtual Worlds, 2012, 23, 489-501.	1.2	14
7	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
8	Distributed transmission power control for communication congestion control and awareness enhancement in VANETs. PLoS ONE, 2018, 13, e0203261.	2.5	11
9	High-precision register error control using active-motion-based roller in roll-to-roll gravure printing. Japanese Journal of Applied Physics, 2018, 57, 05GB04.	1.5	11
10	Control Scheme for Rapidly Responding Register Controller Using Response Acceleration Input in Industrial Roll-To-Roll Manufacturing Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 5215-5224.	7.9	11
11	Estimation of Health-Related Physical Fitness Using Multiple Linear Regression in Korean Adults: National Fitness Award 2015â€“2019. Frontiers in Physiology, 2021, 12, 668055.	2.8	11
12	Patient-specific functional electrical stimulation strategy based on muscle synergy and walking posture analysis for gait rehabilitation of stroke patients. Journal of International Medical Research, 2021, 49, 030006052110167.	1.0	9
13	Shock Absorber Mechanism Based on an SMA Spring for Lightweight Exoskeleton Applications. International Journal of Precision Engineering and Manufacturing, 2019, 20, 1533-1541.	2.2	7
14	Towards a Snake-Like Flexible Robot With Variable Stiffness Using an SMA Spring-Based Friction Change Mechanism. IEEE Robotics and Automation Letters, 2022, 7, 6582-6589.	5.1	7
15	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
16	A method for generating cut surface in surgery simulation. , 2013, , .		5
17	Robotic remote control based on human motion via virtual collaboration system: A survey. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2018, 12, JAMDSM0126-JAMDSM0126.	0.7	5
18	Application of calendering for improving the electrical characteristics of a printed top-gate, bottom-contact organic thin film transistors. Japanese Journal of Applied Physics, 2018, 57, 05GC01.	1.5	5

#	Article	IF	Citations
19	Component-Wise Error Correction Method for UWB-Based Localization in Target-Following Mobile Robot. Sensors, 2022, 22, 1180.	3.8	5
20	Haptic Rendering of Drilling into Femur Bone with Graded Stiffness. , 2007, , .		4
21	3D reconstruction of underwater scene for marine bioprospecting using remotely operated underwater vehicle (ROV). Journal of Mechanical Science and Technology, 2018, 32, 5541-5550.	1.5	4
22	Electrically Elicited Force Response Characteristics of Forearm Extensor Muscles for Electrical Muscle Stimulation-Based Haptic Rendering. Sensors, 2020, 20, 5669.	3.8	4
23	Estimation of Health-Related Physical Fitness (HRPF) Levels of the General Public Using Artificial Neural Network with the National Fitness Award (NFA) Datasets. International Journal of Environmental Research and Public Health, 2021, 18, 10391.	2.6	4
24	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
25	Realâ€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
26	Markerless tracking for augmented reality for image-guided Endoscopic Retrograde Cholangiopancreatography. , 2013, 2013, 7364-7.		3
27	Design of a Haptic Interface for a Gastrointestinal Endoscopy Simulation. Advanced Robotics, 2012, 26, 2115-2143.	1.8	2
28	Estimated Artificial Neural Network Modeling of Maximal Oxygen Uptake Based on Multistage 10-m Shuttle Run Test in Healthy Adults. International Journal of Environmental Research and Public Health, 2021, 18, 8510.	2.6	2
29	High Fidelity Haptic Rendering for Deformable Objects Undergoing Topology Changes. Lecture Notes in Computer Science, 2010, , 262-268.	1.3	2
30	Prediction of Smart Greenhouse Temperature-Humidity Based on Multi-Dimensional LSTMs. Journal of the Korean Society for Precision Engineering, 2019, 36, 239-246.	0.2	2
31	Challenges of Flexible Surgical Robots: Review. Transactions of the Korean Society of Mechanical Engineers, A, 2018, 42, 891-903.	0.2	2
32	Psychophysical evaluation of control scheme designed for optimal kinesthetic perception in scaled teleoperation. , 2010, , .		1
33	Incision Sensor Using Conductive Tape for Cricothyrotomy Training Simulation With Quantitative Feedback. IEEE Access, 2019, 7, 12947-12958.	4.2	1
34	CNN-based Tomato Powdery Mildew Recognition Method. Journal of Institute of Control, Robotics and Systems, 2018, 24, 617-623.	0.2	0
35	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
36	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