Jong-Ha Lee

List of Publications by Year
in descending order

24 papers	231 citations	1163117 8 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	273 citing authors

#	Article	IF	Citations
1	Topology Preserving Relaxation Labeling for Nonrigid Point Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 427-432.	13.9	55
2	Photobiomodulation (660 nm) therapy reduces oxidative stress and induces BDNF expression in the hippocampus. Scientific Reports, 2019, 9, 10114.	3.3	43
3	High-Resolution Tactile Imaging Sensor Using Total Internal Reflection and Nonrigid Pattern Matching Algorithm. IEEE Sensors Journal, 2011, 11, 2084-2093.	4.7	26
4	The Melatonin Signaling Pathway in a Long-Term Memory In Vitro Study. Molecules, 2018, 23, 737.	3.8	19
5	Accuracy of New Deep Learning Model-Based Segmentation and Key-Point Multi-Detection Method for Ultrasonographic Developmental Dysplasia of the Hip (DDH) Screening. Diagnostics, 2021, 11, 1174.	2.6	12
6	Computer-Aided Diagnosis Algorithm for Classification of Malignant Melanoma Using Deep Neural Networks. Sensors, 2021, 21, 5551.	3.8	12
7	Computer aided diagnosis sensor integrated outdoor shirts for real time heart disease monitoring. Computer Assisted Surgery, 2017, 22, 176-185.	1.3	10
8	A novel automated lumen segmentation and classification algorithm for detection of irregular protrusion after stents deployment. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2033.	2.3	8
9	Bio-Optics Based Sensation Imaging for Breast Tumor Detection Using Tissue Characterization. Sensors, 2015, 15, 6306-6323.	3.8	6
10	Induction of Inflammation In Vivo by Electrocardiogram Sensor Operation Using Wireless Power Transmission. Sensors, 2017, 17, 2905.	3.8	6
11	Development of a Patch-type Sensor for Skin Using Laser Irradiation Based on Tissue Impedance for Diagnosis and Treatment of Pressure Ulcer. IEEE Access, 2020, , 1-1.	4.2	5
12	Satellite attitude control using statistical game theory. , 2008, , .		4
13	Inclusion mechanical property estimation using tactile images, finite element method, and artificial neural network. , 2011, 2011, 14-7.		4
14	Development of capacitive sensor for automatically measuring tumbler water level with FEA simulation. Technology and Health Care, 2018, 26, 491-500.	1.2	4
15	Machine Learning to Identify Psychomotor Behaviors of Delirium for Patients in Long-Term Care Facility. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1802-1814.	6.3	4
16	Two player statistical game with higher order cumulants. , 2010, , .		2
17	Optical-Based Artificial Palpation Sensors for Lesion Characterization. Sensors, 2013, 13, 11097-11113.	3.8	2
18	The Automated Heart Disease Detection System with Dry-Electrode Based Outdoor Shirts. , 2018, , .		2

#	Article	IF	Citations
19	Novel smart clothing with dry electrode biosensor for real-time automatic diagnosis of cardiovascular diseases. Bio-Medical Materials and Engineering, 2018, 29, 587-599.	0.6	2
20	A Novel Machine Learning Approach to Classify and Detect Atrial Fibrillation Using Optimized Implantable Electrocardiogram Sensor. IEEE Access, 2021, 9, 149250-149265.	4.2	2
21	A Novel Biosensor and Algorithm to Predict Vitamin D Status by Measuring Skin Impedance. Sensors, 2021, 21, 8118.	3.8	2
22	Characterization of lung tissues using liquid-crystal tunable filter and hyperspectral imaging system. , 2009, 2009, 1416-9.		1
23	Estimation of operative line of resection using preoperative image and nonrigid registration. , 2008, 2008, 3983-6.		0
24	Determining the operative line of resection for image‑guided emphysema surgery using a laser scanner and non‑rigid registration. International Journal of Medical Robotics and Computer Assisted Surgery, 2010, 6, 239-249.	2.3	0