

Jong-Ha Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/870697/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	Computer-Aided Diagnosis Algorithm for Classification of Malignant Melanoma Using Deep Neural Networks. Sensors, 2021, 21, 5551.	3.8	12
4	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
5	A Novel Biosensor and Algorithm to Predict Vitamin D Status by Measuring Skin Impedance. Sensors, 2021, 21, 8118.	3.8	2
6	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
7	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
8	Photobiomodulation (660nm) therapy reduces oxidative stress and induces BDNF expression in the hippocampus. Scientific Reports, 2019, 9, 10114.	3.3	43
9	The Automated Heart Disease Detection System with Dry-Electrode Based Outdoor Shirts. , 2018, , .		2
10	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
11	Development of capacitive sensor for automatically measuring tumbler water level with FEA simulation. Technology and Health Care, 2018, 26, 491-500.	1.2	4
12	The Melatonin Signaling Pathway in a Long-Term Memory In Vitro Study. Molecules, 2018, 23, 737.	3.8	19
13	Computer aided diagnosis sensor integrated outdoor shirts for real time heart disease monitoring. Computer Assisted Surgery, 2017, 22, 176-185.	1.3	10
14	Induction of Inflammation In Vivo by Electrocardiogram Sensor Operation Using Wireless Power Transmission. Sensors, 2017, 17, 2905.	3.8	6
15	Bio-Optics Based Sensation Imaging for Breast Tumor Detection Using Tissue Characterization. Sensors, 2015, 15, 6306-6323.	3.8	6
16	Optical-Based Artificial Palpation Sensors for Lesion Characterization. Sensors, 2013, 13, 11097-11113.	3.8	2
17	High-Resolution Tactile Imaging Sensor Using Total Internal Reflection and Nonrigid Pattern Matching Algorithm. IEEE Sensors Journal, 2011, 11, 2084-2093.	4.7	26
18	Inclusion mechanical property estimation using tactile images, finite element method, and artificial neural network. , 2011, 2011, 14-7.		4

#	ARTICLE	IF	CITATIONS
19	Topology Preserving Relaxation Labeling for Nonrigid Point Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 427-432.	13.9	55
20	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
21	Two player statistical game with higher order cumulants. , 2010, , .		2
22	Characterization of lung tissues using liquid-crystal tunable filter and hyperspectral imaging system. , 2009, 2009, 1416-9.		1
23	Satellite attitude control using statistical game theory. , 2008, , .		4
24	Estimation of operative line of resection using preoperative image and nonrigid registration. , 2008, 2008, 3983-6.		0