

Jongman Cho

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

629
citations

1163117

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h-index

1588992

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19
all docs

19
docs citations

19
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Wearable Resonant Wireless Power Transfer System for Biomedical Capsule Endoscope. IEEE Transactions on Industrial Electronics, 2018, 65, 7772-7781.	7.9	138
2	A microdevice for rapid, monoplex and colorimetric detection of foodborne pathogens using a centrifugal microfluidic platform. Biosensors and Bioelectronics, 2018, 100, 96-104.	10.1	131
3	Stable and High-Efficiency Wireless Power Transfer System for Robotic Capsule Using a Modified Helmholtz Coil. IEEE Transactions on Industrial Electronics, 2017, 64, 1113-1122.	7.9	93
4	A 3-coil wireless power transfer system with fine tuned power amplifier for biomedical capsule. , 2017, , .		4
5	An improved resonant wireless power transfer system with optimum coil configuration for capsule endoscopy. Sensors and Actuators A: Physical, 2016, 249, 207-216.	4.1	15
6	Resonant inductive power transfer system for freely moving capsule endoscope with highly uniform magnetic field. , 2016, , .		6
7	Design and Development of Micro-Power Generating Device for Biomedical Applications of Lab-on-a-Disc. PLoS ONE, 2015, 10, e0136519.	2.5	14
8	Role of Morphological Structure, Doping, and Coating of Different Materials in the Sensing Characteristics of Humidity Sensors. Sensors, 2014, 14, 16343-16422.	3.8	97
9	A wireless power transmission system for robotic capsule endoscopy: Design and optimization. , 2014, , .		9
10	Application of Wireless Power Transmission Systems in Wireless Capsule Endoscopy: An Overview. Sensors, 2014, 14, 10929-10951.	3.8	72
11	Design and Development of Potential Tissue Engineering Scaffolds from Structurally Different Longitudinal Parts of a Bovine-Femur. Scientific Reports, 2014, 4, 5843.	3.3	33
12	A system design of gait training device for monoplegia patients. , 2008, 2008, 4266-9.		2
13	Development of Tilt Table with Visual Feedback Function for Hemiplegia Patients. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4782-5.	0.5	0
14	Improvement of tilt table using visual feedback function for hemiplegia patients. , 2007, , .		0
15	Improvement of an automatic ankle stretching device for lower limb monoplegia patients. , 2007, , .		0
16	A zigbee network-based multi-channel heart rate monitoring system for exercising rehabilitation patients. , 2007, , .		7
17	An Algorithm for Real-Time Eye-Movement Tracking with Free Head Movement. , 2006, , .		1
18	Development of a classification algorithm for butterflies and ladybugs. , 2006, , .		7

#	ARTICLE	IF	CITATIONS
19	Establishing a teledentological service system among Korea-China-Europe using TEIN. , 0, , .		0