

Daniel Laqua

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

60
citations

2258059

3
h-index

2053705

5
g-index

23
all docs

23
docs citations

23
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Shape of the Fetal Pulse Curve for Transabdominal Pulse Oximetry using Synchronous Averaging. , 2020, 2020, 1-4.		1
2	Wireless equipment localization for medical environments. , 2017, , .		0
3	Poster session 20: User friendliness, risk management and hospital technology. Biomedizinische Technik, 2017, 62, .	0.8	0
4	Improved FPGA controlled artificial vascular system for plethysmographic measurements. Current Directions in Biomedical Engineering, 2016, 2, 689-693.	0.4	5
5	Principle study on the signal connection at transabdominal fetal pulse oximetry. Current Directions in Biomedical Engineering, 2016, 2, 659-663.	0.4	3
6	Phantom materials mimicking the optical properties in the near infrared range for non-invasive fetal pulse oximetry. , 2014, 2014, 1432-5.		6
7	A phantom with pulsating artificial vessels for non-invasive fetal pulse oximetry. , 2014, 2014, 5631-4.		5
8	Light source driver, photodiode and impedance sensing in plethysmographic measurements. , 2014, , .		1
9	Mechanical power assessment of fast eye motions for energy harvesting in autonomous intraocular implants. , 2013, , .		1
10	Design of power management in Energy Harvesting Devices. Biomedizinische Technik, 2012, 57, .	0.8	0
11	Ultra-wearable capacitive coupled and common electrode-free ECG monitoring system. , 2012, 2012, 1594-7.		21
12	High Performance Triple LED Driver with Digitally Controlled Analog Dimming for Reflection Pulse Oximetry. Biomedizinische Technik, 2012, 57, .	0.8	0
13	Capacitive Sensor Concept for Monitoring Neuronal Activity in Vitro. Biomedizinische Technik, 2012, 57, .	0.8	1
14	Intelligent Power Management enables Autonomous Power Supply of Sensor Systems for Modern Prostheses. Biomedizinische Technik, 2012, 57, .	0.8	5
15	Mobile R-Wave Detection System Powered By A Thermoelectric Generator. Biomedizinische Technik, 2012, 57, .	0.8	0
16	ECG-Multichannel Frontend for Quick Stimulus Response Based on FPGA with Implemented Real-Time, Online QRS Detection Algorithm. Biomedizinische Technik, 2012, 57, .	0.8	0
17	Piezoelectric Based Energy Management System for Powering Intelligent Implants and Prostheses. Biomedizinische Technik, 2012, 57, .	0.8	4
18	Intelligent Capacitive Sensor Array for Removal Detection from Various Surfaces of Tagged Equipment in Hospitals. Biomedizinische Technik, 2012, 57, .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Development of a Phantom to Modulate the Maternal and Fetal Pulse Curve for Pulse Oximetry Measurements. Biomedizinische Technik, 2012, 57, .	0.8	2
20	In-vivo signal transmission using an intra-corporal RF transmitter. , 2011, 2011, 7662-5.		0
21	Measuring the attenuation characteristics of biological tissues enabling for low power in vivo RF transmission. , 2010, 2010, 1437-40.		4
22	TU-EE-A2-01: Determination of Output Factors for Small Photon Beams. Medical Physics, 2005, 32, 2108-2108.	3.0	0