

Michele Triventi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

484
citations

932766

10
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexity of MRI induced heating on metallic leads: Experimental measurements of 374 configurations. <i>BioMedical Engineering OnLine</i> , 2008, 7, 11.	1.3	148
2	In vitro investigation of pacemaker lead heating induced by magnetic resonance imaging: Role of implant geometry. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 879-886.	1.9	61
3	Impact of capped and uncapped abandoned leads on the heating of an MR-conditional pacemaker implant. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 390-400.	1.9	46
4	Numerical Model for Estimating RF-Induced Heating on a Pacemaker Implant During MRI: Experimental Validation. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 2045-2052.	2.5	41
5	P-wave Variability and Atrial Fibrillation. <i>Scientific Reports</i> , 2016, 6, 26799.	1.6	34
6	Role of the lead structure in MRI-induced heating: In vitro measurements on 30 commercial pacemaker/defibrillator leads. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 925-935.	1.9	25
7	Time-Domain and Morphological Analysis of the P-Wave. Part I: Technical Aspects for Automatic Quantification of P-Wave Features. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 874-883.	0.5	20
8	Regulatory frameworks for mobile medical applications. <i>Expert Review of Medical Devices</i> , 2015, 12, 273-278.	1.4	14
9	Daily distribution of atrial arrhythmic episodes in sick sinus syndrome patients: implications for atrial arrhythmia monitoring. <i>Europace</i> , 2012, 14, 1117-1124.	0.7	13
10	Effect of high-pass filtering on ECG signal on the analysis of patients prone to atrial fibrillation. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2009, 45, 427-31.	0.2	13
11	On the resolution of ECG acquisition systems for the reliable analysis of the P-wave. <i>Physiological Measurement</i> , 2012, 33, N11-N17.	1.2	10
12	Provocative Testing for the Assessment of the Electromagnetic Interference of RFID and NFC Readers on Implantable Pacemaker. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2016, 58, 314-322.	1.4	10
13	Interference between mobile phones and pacemakers: a look inside. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2007, 43, 254-9.	0.2	9
14	Electromagnetic Immunity of Implantable Pacemakers Exposed to Wi-Fi Devices. <i>Health Physics</i> , 2014, 107, 318-325.	0.3	8
15	RFID in healthcare environment: electromagnetic compatibility regulatory issues. , 2010, 2010, 352-5.		7
16	A novel, user-friendly step counter for home telemonitoring of physical activity. <i>Journal of Telemedicine and Telecare</i> , 2008, 14, 345-348.	1.4	6
17	Time-Domain and Morphological Analysis of the P Wave. Part II: Effects of Atrial Pacing on P-Wave Features. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 935-942.	0.5	5
18	An optically coupled sensor for the measurement of currents induced by MRI gradient fields into endocardial leads. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 291-303.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Radiofrequency identification and medical devices: the regulatory framework on electromagnetic compatibility. Part II: active implantable medical devices. Expert Review of Medical Devices, 2012, 9, 289-297.	1.4	4
20	Radiofrequency identification and medical devices: the regulatory framework on electromagnetic compatibility. Part I: medical devices. Expert Review of Medical Devices, 2012, 9, 283-288.	1.4	3
21	Electrocardiogram transmission using GSM multimedia message service. Journal of Telemedicine and Telecare, 2007, 13, 48-50.	1.4	1
22	P-wave characteristics after electrical external cardioversion: Predictive indexes of relapse. , 2010, 2010, 3442-5.		1
23	Development of a new arbitrary waveform defibrillator for cardiac electrophysiology research. , 2008, 2008, 597-600.		0