

# Michele Triventi

## List of Publications by Year in descending order

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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	P-wave Variability and Atrial Fibrillation. Scientific Reports, 2016, 6, 26799.	1.6	34
2	Provocative Testing for the Assessment of the Electromagnetic Interference of RFID and NFC Readers on Implantable Pacemaker. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 314-322.	1.4	10
3	An optically coupled sensor for the measurement of currents induced by MRI gradient fields into endocardial leads. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 291-303.	1.1	5
4	Regulatory frameworks for mobile medical applications. Expert Review of Medical Devices, 2015, 12, 273-278.	1.4	14
5	Impact of capped and uncapped abandoned leads on the heating of an MR-conditional pacemaker implant. Magnetic Resonance in Medicine, 2015, 73, 390-400.	1.9	46
6	Electromagnetic Immunity of Implantable Pacemakers Exposed to Wi-Fi Devices. Health Physics, 2014, 107, 318-325.	0.3	8
7	On the resolution of ECG acquisition systems for the reliable analysis of the P-wave. Physiological Measurement, 2012, 33, N11-N17.	1.2	10
8	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
9	Daily distribution of atrial arrhythmic episodes in sick sinus syndrome patients: implications for atrial arrhythmia monitoring. Europace, 2012, 14, 1117-1124.	0.7	13
10	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
11	Role of the lead structure in MRI-induced heating: In vitro measurements on 30 commercial pacemaker/defibrillator leads. Magnetic Resonance in Medicine, 2012, 67, 925-935.	1.9	25
12	Numerical Model for Estimating RF-Induced Heating on a Pacemaker Implant During MRI: Experimental Validation. IEEE Transactions on Biomedical Engineering, 2010, 57, 2045-2052.	2.5	41
13	P-wave characteristics after electrical external cardioversion: Predictive indexes of relapse. , 2010, 2010, 3442-5.		1
14	RFID in healthcare environment: electromagnetic compatibility regulatory issues. , 2010, 2010, 352-5.		7
15	Effect of high-pass filtering on ECG signal on the analysis of patients prone to atrial fibrillation. Annali Dell'Istituto Superiore Di Sanita, 2009, 45, 427-31.	0.2	13
16	In vitro investigation of pacemaker lead heating induced by magnetic resonance imaging: Role of implant geometry. Journal of Magnetic Resonance Imaging, 2008, 28, 879-886.	1.9	61
17	A novel, user-friendly step counter for home telemonitoring of physical activity. Journal of Telemedicine and Telecare, 2008, 14, 345-348.	1.4	6
18	Time-Domain and Morphological Analysis of the P-Wave. Part I: Technical Aspects for Automatic Quantification of P-Wave Features. PACE - Pacing and Clinical Electrophysiology, 2008, 31, 874-883.	0.5	20

#	ARTICLE	IF	CITATIONS
19	Timeâ€Domain and Morphological Analysis of the P Wave. Part II: Effects of Atrial Pacing on Pâ€Wave Features. PACE - Pacing and Clinical Electrophysiology, 2008, 31, 935-942.	0.5	5
20	Complexity of MRI induced heating on metallic leads: Experimental measurements of 374 configurations. BioMedical Engineering OnLine, 2008, 7, 11.	1.3	148
21	Development of a new arbitrary waveform defibrillator for cardiac electrophysiology research. , 2008, 2008, 597-600.		0
22	Electrocardiogram transmission using GSM multimedia message service. Journal of Telemedicine and Telecare, 2007, 13, 48-50.	1.4	1
23	Interference between mobile phones and pacemakers: a look inside. Annali Dell'Istituto Superiore Di Sanita, 2007, 43, 254-9.	0.2	9