

Riccardo Fenici

List of Publications by Year in descending order

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62
papers

1,046
citations

471061

17
h-index

454577

30
g-index

63
all docs

63
docs citations

63
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical application of magnetocardiography. Expert Review of Molecular Diagnostics, 2005, 5, 291-313.	1.5	121
2	Cardiac Biopsy in Patients with "Primary" Atrial Fibrillation. Chest, 1991, 100, 303-306.	0.4	107
3	Wenckebach second-degree A-V block in top-ranking athletes: an old problem revisited. American Heart Journal, 1980, 100, 281-294.	1.2	78
4	T wave abnormalities in top-ranking athletes: effects of isoproterenol, atropine, and physical exercise. American Heart Journal, 1980, 100, 213-222.	1.2	71
5	Ventricular activation is impaired in aged rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2336-H2347.	1.5	37
6	A consensus statement on relative merits of EEG and MEG. Electroencephalography and Clinical Neurophysiology, 1992, 82, 317-319.	0.3	36
7	Characterization of Fetal Arrhythmias by Means of Fetal Magnetocardiography in Three Cases of Difficult Ultrasonographic Imaging. PACE - Pacing and Clinical Electrophysiology, 2004, 27, 1647-1655.	0.5	35
8	The Risk of Cardiac Complications in Surgical Patients with Bifascicular Block. Chest, 1980, 77, 343-348.	0.4	34
9	Cardiovascular autonomic nervous system evaluation in Parkinson disease and multiple system atrophy. Journal of the Neurological Sciences, 2014, 336, 197-202.	0.3	30
10	Use of a superconducting instrumentation for biomagnetic measurements performed in a hospital. IEEE Transactions on Magnetics, 1981, 17, 849-852.	1.2	28
11	Real-time Imaging of Stress-induced Cardiac Autonomic Adaptation During Realistic Force-on-force Police Scenarios. Journal of Police and Criminal Psychology, 2015, 30, 71-86.	1.2	28
12	Anti- β -Adrenoceptors Autoimmunity Causing 'Idiopathic' Arrhythmias and Cardiomyopathy. Circulation Journal, 2012, 76, 1345-1353.	0.7	27
13	High-resolution magnetocardiographic recordings of the ST segment in patients with electrical late potentials. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 340-345.	0.4	23
14	Nonfluoroscopic Localization of an Amagnetic Stimulation Catheter by Multichannel Magnetocardiography. PACE - Pacing and Clinical Electrophysiology, 1999, 22, 1210-1220.	0.5	20
15	Contactless magnetocardiographic mapping in anesthetized Wistar rats: evidence of age-related changes of cardiac electrical activity. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H368-H378.	1.5	20
16	High-resolution isofield mapping in magnetocardiography. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 291-300.	0.4	19
17	Phantom Validation of Multichannel Magnetocardiography Source Localization. PACE - Pacing and Clinical Electrophysiology, 2003, 26, 426-430.	0.5	19
18	Contactless magnetocardiographic study of ventricular repolarization in intact Wistar rats: Evidence of gender-related differences. Basic Research in Cardiology, 2004, 99, 193-203.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Magnetocardiographic Pacemapping for Nonfluoroscopic Localization of Intracardiac Electrophysiology Catheters. PACE - Pacing and Clinical Electrophysiology, 1998, 21, 2492-2499.	0.5	15
20	Noninvasive Study of Ventricular Preexcitation Using Multichannel Magnetocardiography. PACE - Pacing and Clinical Electrophysiology, 2003, 26, 431-435.	0.5	15
21	Multichannel mapping of fetal magnetocardiogram in an unshielded hospital setting. Prenatal Diagnosis, 2005, 25, 376-382.	1.1	14
22	Prevalence of virulent Helicobacter pylori strains in patients affected by idiopathic dysrhythmias. Internal and Emergency Medicine, 2013, 8, 333-337.	1.0	14
23	First 36-Channel Magnetocardiographic Study of CAD Patients in an Unshielded Laboratory for Interventional and Intensive Cardiac Care. Lecture Notes in Computer Science, 2003, , 122-131.	1.0	14
24	Beat to beat surface recording and averaging of his-purkinje activity in man. Journal of Electrocardiology, 1983, 16, 355-362.	0.4	13
25	Clinical utility of magnetocardiography in cardiology for the detection of myocardial ischemia. Journal of Electrocardiology, 2019, 57, 10-17.	0.4	13
26	Concentric Remodeling Detection by Magnetocardiography in Patients with Recent Onset Arterial Hypertension. PACE - Pacing and Clinical Electrophysiology, 2004, 27, 709-718.	0.5	11
27	Bridging noninvasive and interventional electroanatomical imaging: role of magnetocardiography. Journal of Electrocardiology, 2007, 40, S47-S52.	0.4	11
28	Heart rate variability analysis during head-up tilt test predicts nitroglycerine-induced syncope. Open Heart, 2014, 1, e000063.	0.9	11
29	Nonfluoroscopic Localization of an Amagnetic Catheter in a Realistic Torso Phantom by Magnetocardiographic and Body Surface Potential Mapping. PACE - Pacing and Clinical Electrophysiology, 1998, 21, 2485-2491.	0.5	10
30	The effect of geometric and topologic differences in boundary element models on magnetocardiographic localization accuracy. IEEE Transactions on Biomedical Engineering, 2000, 47, 1237-1247.	2.5	10
31	Unshielded magnetocardiography: Repeatability and reproducibility of automatically estimated ventricular repolarization parameters in 204 healthy subjects. Annals of Noninvasive Electrocardiology, 2018, 23, e12526.	0.5	10
32	Safety of botulinum neurotoxin treatment in patients with chronic anal fissure. Diseases of the Colon and Rectum, 2003, 46, 419-20.	0.7	10
33	Reproducibility of Transesophageal Pacing in Patients with Wolff-Parkinson-White Syndrome. PACE - Pacing and Clinical Electrophysiology, 1996, 19, 1951-1957.	0.5	8
34	Rare and serious cardiac side effects during ropinirole titration. Movement Disorders, 2010, 25, 1509-1510.	2.2	8
35	Magnetocardiographic Localization of Kent Bundles. , 1989, , 365-368.		8
36	High-resolution magnetic measurements of human cardiac electrophysiological events. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 231-247.	0.4	7

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37	Magnetocardiographically-Guided Catheter Ablation. Journal of Interventional Cardiology, 1995, 8, 825-836.	0.5	7
38	Clinical Validation of Machine Learning for Automatic Analysis of Multichannel Magnetocardiography. Lecture Notes in Computer Science, 2005, , 143-152.	1.0	7
39	Longitudinal study of cardiac electrical activity in anesthetized guinea pigs by contactless magnetocardiography. Physiological Measurement, 2007, 28, 773-792.	1.2	7
40	Noninvasive Classification of Ventricular Preexcitation with Unshielded Magnetocardiography and Transesophageal Atrial Pacing and Follow-Up. PACE - Pacing and Clinical Electrophysiology, 2007, 30, S151-5.	0.5	7
41	Magnetocardiography: current status and perspectives. Part II: Clinical applications. Italian Heart Journal: Official Journal of the Italian Federation of Cardiology, 2002, 3, 151-65.	0.1	7
42	Magnetic measurements and modelling for the investigation of the human-heart conduction system. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 280-290.	0.4	6
43	Magnetocardiography provides non-invasive three-dimensional electroanatomical imaging of cardiac electrophysiology. International Journal of Cardiovascular Imaging, 2006, 22, 595-597.	0.7	6
44	BMI Reduction Decreases AF Recurrence Rate in a Mediterranean Cohort. Journal of the American College of Cardiology, 2015, 66, 2264-2265.	1.2	6
45	Magnetocardiography: current status and perspectives. Part I: Physical principles and instrumentation. Italian Heart Journal: Official Journal of the Italian Federation of Cardiology, 2002, 3, 75-85.	0.1	6
46	Susceptibility to Ventricular Arrhythmias in Aged Hearts. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 410-4.	0.5	5
47	Magnetocardiographic classification and non-invasive electro-anatomical imaging of outflow tract ventricular arrhythmias in recreational sport activity practitioners. Journal of Electrocardiology, 2018, 51, 433-439.	0.4	4
48	Predictive value of unshielded magnetocardiographic mapping to differentiate atrial fibrillation patients from healthy subjects. Annals of Noninvasive Electrocardiology, 2018, 23, e12569.	0.5	4
49	Is There Any Place for Magnetocardiographic Imaging in the Era of Robotic Ablation of Cardiac Arrhythmias?. , 2007, , 230-239.		4
50	High-resolution recordings of the PR segment in magnetocardiography. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 248-254.	0.4	3
51	High-resolution recordings of the magnetic activity of the His-Bundle in man. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 1110-1118.	0.4	3
52	Percutaneous method for single-catheter multiple monophasic action potential recordings during magnetocardiographic mapping in spontaneously breathing rodents. Physiological Measurement, 2012, 33, 521-534.	1.2	3
53	When Manual Analysis of 12-Lead ECG Holter Plays a Critical Role in Discovering Unknown Patterns of Increased Arrhythmogenic Risk: A Case Report of a Patient Treated with Tamoxifen and Subsequent Pneumonia in COVID-19. Cardiovascular Toxicology, 2021, 21, 687-694.	1.1	3
54	Psychophysiological evaluation of patients with transient consciousness loss of uncertain origin. Kardiologia Polska, 2018, 76, 566-573.	0.3	3

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55	Clinical recordings of monophasic action potentials: Demonstration of intra-atrial conduction block in the sinus node region and possible role in reentrant supraventricular tachycardia. American Heart Journal, 1981, 102, 124-128.	1.2	1
56	Construction of a Three-dimensional Outline of the Heart and Conduction Pathway by Means of a 64-channel Magnetocardiogram in Patients with Atrial Flutter and Fibrillation. International Journal of Cardiovascular Imaging, 2005, 21, 563-564.	0.7	1
57	Magnetocardiographic evaluation of nonarrhythmogenic flecainide-induced electrocardiographic T-wave inversion. Anatolian Journal of Cardiology, 2017, 17, 337-339.	0.5	1
58	Magnetocardiography provides non-invasive three-dimensional electroanatomical imaging of cardiac electrophysiology. Anatolian Journal of Cardiology, 2007, 7 Suppl 1, 23-8.	0.4	1
59	Magnetocardiographic Imaging of Ventricular Repolarization in Rett Syndrome. Lecture Notes in Computer Science, 2005, , 205-215.	1.0	0
60	P5-42. Heart Rhythm, 2006, 3, S274.	0.3	0
61	Dear Editor,. PACE - Pacing and Clinical Electrophysiology, 2007, 30, 826-827.	0.5	0
62	Letter by Fenici et al Regarding Articles, "Wolff-Parkinson-White Syndrome in the Era of Catheter Ablation: Insights From a Registry Study of 2169 Patients" and "The Asymptomatic Wolff-Parkinson-White Patient: Time to be More Proactive?" Circulation, 2015, 131, e498.	1.6	0