

Roland Xavier Stroobandt

List of Publications by Year in descending order

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80
papers

820
citations

567281

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580821

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80
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Progression of incomplete toward complete left bundle branch block: A clinical and electrocardiographic analysis. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12732.	1.1	4
2	Study of the time-relationship of the mechano-electrical interaction in an animal model of tetralogy of Fallot: implications for the risk assessment of ventricular arrhythmias. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 129-137.	1.1	5
3	Commentary: Interventricular Differences in Action Potential Duration Restitution Contribute to Dissimilar Ventricular Rhythms in ex vivo Perfused Hearts. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 58.	2.4	0
4	Failure to detect life-threatening arrhythmias in ICDs using single-chamber detection criteria. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 583-594.	1.2	7
5	Gender differences in electro-mechanical characteristics of left bundle branch block: Potential implications for selection and response of cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2018, 257, 84-91.	1.7	17
6	Relation between electrical and mechanical dyssynchrony in patients with left bundle branch block: An electro- and vectorcardiographic study. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12525.	1.1	7
7	Accuracy of computer-calculated and manual QRS duration assessments: Clinical implications to select candidates for cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2017, 236, 276-282.	1.7	17
8	Biventricular Paced QRS Area Predicts Acute Hemodynamic CRT Response Better Than QRS Duration or QRS Amplitudes. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 192-200.	1.7	21
9	Different Methods to Measure QRS Duration in CRT Patients: Impact on the Predictive Value of QRS Duration Parameters. <i>Annals of Noninvasive Electrocardiology</i> , 2016, 21, 305-315.	1.1	21
10	Shock-refractory ventricular fibrillation in a patient implanted with a left ventricular assist device. <i>Resuscitation</i> , 2016, 107, e1-e2.	3.0	5
11	Undetected ventricular fibrillation in a single-chamber implantable cardioverter-defibrillator: When the far-field channel sees more than the intraventricular channel. <i>HeartRhythm Case Reports</i> , 2016, 2, 321-323.	0.4	3
12	Diagnostic accuracy of a novel method for detection of acute transmural myocardial ischemia based upon a self-applicable 3-lead configuration. <i>Journal of Electrocardiology</i> , 2016, 49, 192-201.	0.9	13
13	The electrocardiographic characteristics of septal flash in patients with left bundle branch block. <i>Europace</i> , 2016, 19, euv461.	1.7	19
14	Atrioventricular Block Precipitated by Isoproterenol. <i>Annals of Noninvasive Electrocardiology</i> , 2015, 20, 397-401.	1.1	3
15	Alternans of the Ventricular Electrogram in Patients with an Implanted Cardioverter-Defibrillator. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 1470-1480.	1.2	1
16	Electrical Atrial Alternans Recorded by Cardiac Rhythm Devices during Atrial Flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 1231-1235.	1.2	2
17	Variability in interpretation of the electrocardiogram in young athletes: an unrecognized obstacle for electrocardiogram-based screening protocols. <i>Europace</i> , 2015, 17, 1435-1440.	1.7	22
18	Bipolar electrograms characteristics at the left atrial-pulmonary vein junction: Toward a new algorithm for automated verification of pulmonary vein isolation. <i>Heart Rhythm</i> , 2015, 12, 21-31.	0.7	9

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19	ICD Sees What You Do Not See: How Does It Beat You?. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 529-533.	1.2	3
20	Alternans-Induced ICD Therapy. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1109-1113.	1.2	1
21	A "Shocking" Case Rectified. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 379-382.	1.2	4
22	Juxtaposition of Automatic Mode Switching and Tachycardia-Terminating Algorithms in a Dual-Chamber Implantable Cardioverter Defibrillator. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1408-1411.	1.2	0
23	Novel Algorithmic Methods in Mapping of Atrial and Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 463-472.	4.8	31
24	Device Diagnosis of Pacemaker-Mediated Tachycardia: True or False?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 116-118.	1.2	0
25	Unusual Cause of Far-Field Atrial Sensing by the Ventricular Lead of a Dual Chamber Defibrillator. What is the Mechanism?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 501-504.	1.2	0
26	Undersensing by an ICD Due to Alternans of the Ventricular Electrogram. Annals of Noninvasive Electrocardiology, 2013, 18, 84-89.	1.1	8
27	Automatic mode switching of a dual chamber implantable cardioverter-defibrillator induced by a ventricular escape rhythm. Journal of Electrocardiology, 2013, 46, 136-139.	0.9	4
28	Dissimilar ventricular rhythms: Implications for ICD therapy. Heart Rhythm, 2013, 10, 510-516.	0.7	15
29	Algorithmic detection of the beginning and end of bipolar electrograms: Implications for novel methods to assess local activation time during atrial tachycardia. Biomedical Signal Processing and Control, 2013, 8, 981-991.	5.7	25
30	Implantable Cardioverter-Defibrillators: Is There Life after Death?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 2-6.	1.2	6
31	Atrial lead malfunction presenting as new onset pacemaker-mediated tachycardia. Europace, 2012, 14, 1060-1061.	1.7	4
32	Erroneous automatic pacemaker arrhythmia diagnosis: Is it malfunction or a design limitation?. Heart Rhythm, 2012, 9, 998-1001.	0.7	5
33	Ventricular Pacing Faster than the Upper Rate in an ICD Programmed to the DDD Mode. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1384-1388.	1.2	0
34	Pacemaker repetitive nonreentrant ventriculoatrial synchrony. Why did automatic mode switching occur?. Journal of Electrocardiology, 2012, 45, 420-425.	0.9	13
35	Limitations of the negative concordance pattern in the diagnosis of broad QRS tachycardia. Journal of Electrocardiology, 2012, 45, 733-735.	0.9	5
36	Phantom crosstalk. Heart Rhythm, 2012, 9, 2086-2088.	0.7	0

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37	Unusual Manifestation of Upper Rate Limitation in a Dual-Chamber ICD. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 880-883.	1.2	3
38	Automatic Mode Switching Induced by a Ventricular Bigeminal Rhythm: What Is the Mechanism?. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1158-1161.	1.2	3
39	Significance of Missing Telemetered Markers in Implanted Cardioverter-Defibrillators. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 409-415.	1.2	0
40	Reappraisal of the Traditional Wenckebach Phenomenon with a Modified Ladder Diagram. Annals of Noninvasive Electrocardiology, 2012, 17, 3-7.	1.1	3
41	Atrial Undersensing and Cycle Prolongation Related to Automatic Mode Switching: What is the Mechanism?. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1507-1508.	1.2	1
42	Rise in ICD Shock Impedance: Lead Fracture or Death?. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1103-1110.	1.2	9
43	Functional Atrial Undersensing Associated with Switching to a Tracking Mode of Pacing. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1188-1193.	1.2	1
44	Escape-echo bigeminy. Journal of Electrocardiology, 2012, 45, 167-169.	0.9	5
45	Pacemaker-mediated tachycardia initiated by an atrioventricular search algorithm to minimize right ventricular pacing. Journal of Electrocardiology, 2012, 45, 336-339.	0.9	14
46	Paroxysmal atrioventricular block precipitated by an atrial premature beat. What is the mechanism?. Cardiology Journal, 2012, 19, 654-656.	1.2	2
47	Histogram Analysis: A Novel Method to Detect and Differentiate Fractionated Electrograms During Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2011, 22, 781-790.	1.7	6
48	Committed function for the first delivered shock of an uncommitted implantable cardioverter-defibrillator. Cardiology Journal, 2011, 19, 570-572.	1.2	0
49	Narrow QRS Tachycardia With Double His Potentials: What Is the Mechanism?. Journal of Cardiovascular Electrophysiology, 2010, 21, 716-718.	1.7	0
50	Complex Manifestations of an Automatic Mode Switching Algorithm. PACE - Pacing and Clinical Electrophysiology, 2007, 30, 112-4.	1.2	0
51	Silent Lead Malfunction Detected Only During Defibrillator Replacement. PACE - Pacing and Clinical Electrophysiology, 2006, 29, 67-69.	1.2	7
52	Confusing ICD Terminology: Refractory and Blanking Periods. PACE - Pacing and Clinical Electrophysiology, 2006, 29, 923-925.	1.2	2
53	Harmfull effects of long-term right ventricular pacing. Acta Cardiologica, 2006, 61, 103-110.	0.9	5
54	Advances in cardiac pacing. Acta Cardiologica, 2003, 58, 101-117.	0.9	0

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55	Morphology Discrimination of Ventricular Tachycardia from Supraventricular Tachycardia by Implantable Cardioverter Defibrillators: Are Implantable Cardioverter Defibrillators Really Starting to Look at Arrhythmias with the Eyes of a Cardiologist?. <i>Journal of Cardiovascular Electrophysiology</i> , 2002, 13, 442-443.	1.7	7
56	Internal cardioversion. <i>Acta Cardiologica</i> , 2002, 57, 225-228.	0.9	2
57	Supraventricular Tachycardia with Alternating Cycle Length: What is the Mechanism?. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 1329-1330.	1.7	10
58	A reappraisal of pacemaker timing cycles pertaining to automatic mode switching. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2001, 5, 417-429.	1.3	21
59	Rate Adaptive Dual Chamber Pacing: Inappropriate Rate Response due to Pseudomalfuction of the QT Biosensor. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999, 22, 668-671.	1.2	5
60	Propafenone for Conversion and Prophylaxis of Atrial Fibrillation. <i>American Journal of Cardiology</i> , 1997, 79, 418-423.	1.6	106
61	Review of the Reviewer. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 1215-1217.	1.2	3
62	Voltage Dip in Pacemaker Battery Supply: A New Cause of Pacemaker Mediated Tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1993, 16, 806-811.	1.2	1
63	Efficacy and safety of intravenous sotalol for termination of paroxysmal supraventricular tachycardia. <i>American Journal of Cardiology</i> , 1991, 68, 35-40.	1.6	71
64	The Superfast Atrial Recharge Pulse: A Cause of Pectoral Muscle Stimulation in Patients Equipped with a Unipolar DDD Pacemaker. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1989, 12, 451-455.	1.2	3
65	Effect of the infusion of magnesium sulfate during atrial pacing on ECG intervals, serum electrolytes, and blood pressure. <i>American Heart Journal</i> , 1989, 117, 1278-1283.	2.7	25
66	Sodium Channel Block by a Potent, New Antiarrhythmic Agent, Transcainide, in Guinea Pig Ventricular Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 1987, 9, 661-667.	1.9	14
67	Effects of intravenous sotalol, aprindine and the combination of sotalol and aprindine on chronic high frequency ventricular arrhythmias in man. <i>European Heart Journal</i> , 1987, 8, 372-377.	2.2	4
68	Evaluation of the efficacy and tolerance of the antiarrhythmic agent transcainide (R 54718). <i>European Journal of Clinical Pharmacology</i> , 1987, 32, 449-456.	1.9	2
69	Pacing and Sensing: How Can One Electrode Fulfill Both Requirements?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1987, 10, 546-554.	1.2	12
70	Effect of sotalol, aprindine and the combination aprindine+sotalol on monophasic action potential duration. <i>European Heart Journal</i> , 1986, 7, 47-53.	2.2	11
71	Prediction of Wenckebach Behavior and Block Response in DDD Pacemakers.. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1986, 9, 1040-1046.	1.2	11
72	Simultaneous Recording of Atrial and Ventricular Monophasic Action Potentials: Monophasic Action Potential Duration During Atrial Pacing, Ventricular Pacing, and Ventricular Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1985, 8, 502-511.	1.2	12

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73	Efficacy and tolerance of intravenous flecainide in patients with chronic high frequency ventricular arrhythmias. <i>European Heart Journal</i> , 1984, 5, 876-882.	2.2	7
74	Inhibition of On Demand Pacemakers by Magnet Waving. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1982, 5, 878-890.	1.2	4
75	Potential Causes of Spurious Programming: Report of a Case. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1980, 3, 541-547.	1.2	7
76	Clinical experience of encainide (MJ 9067): A new anti-arrhythmic drug. <i>European Journal of Clinical Pharmacology</i> , 1979, 16, 323-326.	1.9	49
77	Successful Treatment of Pacemaker-Induced Ventricular Fibrillation. <i>Chest</i> , 1974, 66, 733-734.	0.8	11
78	Purkinje fibers of sheep papillary muscle: Occurrence of discontinuous fibers. <i>American Journal of Anatomy</i> , 1974, 141, 251-261.	1.0	6
79	Are patients with essential hypertension and low renin protected against stroke and heart attack?. <i>American Heart Journal</i> , 1973, 86, 781-787.	2.7	44
80	Prognosis in Low Renin Hypertension. <i>New England Journal of Medicine</i> , 1973, 288, 267-267.	27.0	11