Roland Xavier Stroobandt

List of Publications by Year
in descending order

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80 papers	820 citations	567281 15 h-index	580821 25 g-index
80 all docs	80 docs citations	80 times ranked	808 citing authors

#	Article	IF	Citations
1	Propafenone for Conversion and Prophylaxis of Atrial Fibrillation. American Journal of Cardiology, 1997, 79, 418-423.	1.6	106
2	Efficacy and safety of intravenous sotalol for termination of paroxysmal supraventricular tachycardia. American Journal of Cardiology, 1991, 68, 35-40.	1.6	71
3	Clinical experience of encainide (MJ 9067): A new anti-arrhythmic drug. European Journal of Clinical Pharmacology, 1979, 16, 323-326.	1.9	49
4	Are patients with essential hypertension and low renin protected against stroke and heart attack?. American Heart Journal, 1973, 86, 781-787.	2.7	44
5	Novel Algorithmic Methods in Mapping of Atrial and Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 463-472.	4.8	31
6	Effect of the infusion of magnesium sulfate during atrial pacing on ECG intervals, serum electrolytes, and blood pressure. American Heart Journal, 1989, 117, 1278-1283.	2.7	25
7	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
8	Variability in interpretation of the electrocardiogram in young athletes: an unrecognized obstacle for electrocardiogram-based screening protocols. Europace, 2015, 17, 1435-1440.	1.7	22
9	A reappraisal of pacemaker timing cycles pertaining to automatic mode switching. Journal of Interventional Cardiac Electrophysiology, 2001, 5, 417-429.	1.3	21
10	Different Methods to Measure QRS Duration in CRT Patients: Impact on the Predictive Value of QRS Duration Parameters. Annals of Noninvasive Electrocardiology, 2016, 21, 305-315.	1.1	21
11	Biventricular Paced QRS Area Predicts Acute Hemodynamic CRT Response Better Than QRS Duration or QRS Amplitudes. Journal of Cardiovascular Electrophysiology, 2017, 28, 192-200.	1.7	21
12	The electrocardiographic characteristics of septal flash in patients with left bundle branch block. Europace, 2016, 19, euv461.	1.7	19
13	Accuracy of computer-calculated and manual QRS duration assessments: Clinical implications to select candidates for cardiac resynchronization therapy. International Journal of Cardiology, 2017, 236, 276-282.	1.7	17
14	Gender differences in electro-mechanical characteristics of left bundle branch block: Potential implications for selection and response of cardiac resynchronization therapy. International Journal of Cardiology, 2018, 257, 84-91.	1.7	17
15	Dissimilar ventricular rhythms: Implications for ICD therapy. Heart Rhythm, 2013, 10, 510-516.	0.7	15
16	Sodium Channel Block by a Potent, New Antiarrhythmic Agent, Transcainide, in Guinea Pig Ventricular Myocytes. Journal of Cardiovascular Pharmacology, 1987, 9, 661-667.	1.9	14
17	Pacemaker-mediated tachycardia initiated by an atrioventricular search algorithm to minimize right ventricular pacing. Journal of Electrocardiology, 2012, 45, 336-339.	0.9	14
18	Pacemaker repetitive nonreentrant ventriculoatrial synchrony. Why did automatic mode switching occur?. Journal of Electrocardiology, 2012, 45, 420-425.	0.9	13

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19	Diagnostic accuracy of a novel method for detection of acute transmural myocardial ischemia based upon a self-applicable 3-lead configuration. Journal of Electrocardiology, 2016, 49, 192-201.	0.9	13
20	Simultaneous Recording of Atrial and Ventricular Monophasic Action Potentials: Monophasic Action Potential Duration During Atrial Pacing, Ventricular Pacing, and Ventricular Fibrillation. PACE - Pacing and Clinical Electrophysiology, 1985, 8, 502-511.	1.2	12
21	Pacing and Sensing: How Can One Electrode Fulfill Both Requirements?. PACE - Pacing and Clinical Electrophysiology, 1987, 10, 546-554.	1.2	12
22	Prognosis in Low Renin Hypertension. New England Journal of Medicine, 1973, 288, 267-267.	27.0	11
23	Successful Treatment of Pacemaker-Induced Ventricular Fibrillation. Chest, 1974, 66, 733-734.	0.8	11
24	Effect of sotalol, aprindine and the combination aprindineâ€"sotalol on monophasic action potential duration. European Heart Journal, 1986, 7, 47-53.	2.2	11
25	Prediction of Wenckebach Behavior and Block Response in DDD Pacemakers.. PACE - Pacing and Clinical Electrophysiology, 1986, 9, 1040-1046.	1.2	11
26	Supraventricular Tachycardia with Alternating Cycle Length: What is the Mechanism?. Journal of Cardiovascular Electrophysiology, 2001, 12, 1329-1330.	1.7	10
27	Rise in ICD Shock Impedance: Lead Fracture or Death?. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1103-1110.	1.2	9
28	Bipolar electrograms characteristics at the left atrialâ€"pulmonary vein junction: Toward a new algorithm for automated verification of pulmonary vein isolation. Heart Rhythm, 2015, 12, 21-31.	0.7	9
29	Undersensing by an ICD Due to Alternans of the Ventricular Electrogram. Annals of Noninvasive Electrocardiology, 2013, 18, 84-89.	1.1	8
30	Potential Causes of Spurious Programming: Report of a Case. PACE - Pacing and Clinical Electrophysiology, 1980, 3, 541-547.	1.2	7
31	Efficacy and tolerance of intravenous flecainide in patients with chronic high frequency ventricular arrhythmias. European Heart Journal, 1984, 5, 876-882.	2.2	7
32	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?. Journal of Cardiovascular Electrophysiology, 2002, 13, 442-443.	1.7	7
33	Silent Lead Malfunction Detected Only During Defibrillator Replacement. PACE - Pacing and Clinical Electrophysiology, 2006, 29, 67-69.	1.2	7
34	Relation between electrical and mechanical dyssynchrony in patients with left bundle branch block: An electroâ€•and vectorcardiographic study. Annals of Noninvasive Electrocardiology, 2018, 23, e12525.	1.1	7
35	Failure to detect lifeâ€threatening arrhythmias in ICDs using singleâ€chamber detection criteria. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 583-594.	1.2	7
36	Purkinje fibers of sheep papillary muscle: Occurrence of discontinuous fibers. American Journal of Anatomy, 1974, 141, 251-261.	1.0	6

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37	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
38	Implantable Cardioverterâ€Defibrillators: Is There Life after Death?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 2-6.	1.2	6
39	Rate Adaptive Dual Chamber Pacing: Inappropriate Rate Response due to Pseudomalfunction of the QT Biosensor. PACE - Pacing and Clinical Electrophysiology, 1999, 22, 668-671.	1.2	5
40	Erroneous automatic pacemaker arrhythmia diagnosis: Is it malfunction or a design limitation?. Heart Rhythm, 2012, 9, 998-1001.	0.7	5
41	Limitations of the negative concordance pattern in the diagnosis of broad QRS tachycardia. Journal of Electrocardiology, 2012, 45, 733-735.	0.9	5
42	Escape-echo bigeminy. Journal of Electrocardiology, 2012, 45, 167-169.	0.9	5
43	Shock-refractory ventricular fibrillation in a patient implanted with a left ventricular assist device. Resuscitation, 2016, 107, e1-e2.	3.0	5
44	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. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 129-137.	1.1	5
45	Harmfull effects of long-term right ventricular pacing. Acta Cardiologica, 2006, 61, 103-110.	0.9	5
46	Inhibition of On Demand Pacemakers by Magnet Waving. PACE - Pacing and Clinical Electrophysiology, 1982, 5, 878-890.	1.2	4
47	Effects of intravenous sotalol, aprindine and the combination of sotalol and aprindine on chronic high frequency ventricular arrhythmias in man. European Heart Journal, 1987, 8, 372-377.	2.2	4
48	Atrial lead malfunction presenting as new onset pacemaker-mediated tachycardia. Europace, 2012, 14, 1060-1061.	1.7	4
49	Automatic mode switching of a dual chamber implantable cardioverterâ€“defibrillator induced by a ventricular escape rhythm. Journal of Electrocardiology, 2013, 46, 136-139.	0.9	4
50	A â€œShockingâ€•Case Rectified. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 379-382.	1.2	4
51	Progression of incomplete toward complete left bundle branch block: A clinical and electrocardiographic analysis. Annals of Noninvasive Electrocardiology, 2020, 25, e12732.	1.1	4
52	The Superfast Atrial Recharge Pulse: A Cause of Pectoral Muscle Stimulation in Patients Equipped with a Unipolar DDD Pacemaker. PACE - Pacing and Clinical Electrophysiology, 1989, 12, 451-455.	1.2	3
53	Review of the Reviewer. PACE - Pacing and Clinical Electrophysiology, 1995, 18, 1215-1217.	1.2	3
54	Unusual Manifestation of Upper Rate Limitation in a Dualâ€Chamber ICD. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 880-883.	1.2	3

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55	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
56	Reappraisal of the Traditional Wenckebach Phenomenon with a Modified Ladder Diagram. Annals of Noninvasive Electrocardiology, 2012, 17, 3-7.	1.1	3
57	Atrioventricular Block Precipitated by Isoproterenol. Annals of Noninvasive Electrocardiology, 2015, 20, 397-401.	1.1	3
58	ICD Sees What You Do Not See: How Does It Beat You?. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 529-533.	1.2	3
59	Undetected ventricular fibrillation in a single-chamber implantable cardioverter-defibrillator: When the far-field channel sees more than the intraventricular channel. HeartRhythm Case Reports, 2016, 2, 321-323.	0.4	3
60	Evaluation of the efficacy and tolerance of the antiarrhythmic agent transcainide (R 54718). European Journal of Clinical Pharmacology, 1987, 32, 449-456.	1.9	2
61	Confusing ICD Terminology: Refractory and Blanking Periods. PACE - Pacing and Clinical Electrophysiology, 2006, 29, 923-925.	1.2	2
62	Electrical Atrial Alternans Recorded by Cardiac Rhythm Devices during Atrial Flutter. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1231-1235.	1.2	2
63	Internal cardioversion. Acta Cardiologica, 2002, 57, 225-228.	0.9	2
64	Paroxysmal atrioventricular block precipitated by an atrial premature beat. What is the mechanism?. Cardiology Journal, 2012, 19, 654-656.	1.2	2
65	Voltage Dip in Pacemaker Battery Supply: A New Cause of Pacemaker Mediated Tachycardia. PACE - Pacing and Clinical Electrophysiology, 1993, 16, 806-811.	1.2	1
66	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
67	Functional Atrial Undersensing Associated with Switching to a Tracking Mode of Pacing. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1188-1193.	1.2	1
68	Alternans of the Ventricular Electrogram in Patients with an Implanted Cardioverter-Defibrillator. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1470-1480.	1.2	1
69	Alternansâ€Induced ICD Therapy. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1109-1113.	1.2	1
70	Complex Manifestations of an Automatic Mode Switching Algorithm. PACE - Pacing and Clinical Electrophysiology, 2007, 30, 112-4.	1.2	0
71	Narrow QRS Tachycardia With Double His Potentials: What Is the Mechanism?. Journal of Cardiovascular Electrophysiology, 2010, 21, 716-718.	1.7	0
72	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

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73	Phantom crosstalk. Heart Rhythm, 2012, 9, 2086-2088.	0.7	0
74	Significance of Missing Telemetered Markers in Implanted Cardioverter-Defibrillators. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 409-415.	1.2	0
75	Device Diagnosis of Pacemakerâ€Mediated Tachycardia: True or False?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 116-118.	1.2	0
76	Unusual Cause of Farâ€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
77	Juxtaposition of Automatic Mode Switching and Tachycardiaâ€Terminating Algorithms in a Dualâ€Chamber Implantable Cardioverter Defibrillator. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1408-1411.	1.2	0
78	Commentary: Interventricular Differences in Action Potential Duration Restitution Contribute to Dissimilar Ventricular Rhythms in ex vivo Perfused Hearts. Frontiers in Cardiovascular Medicine, 2019, 6, 58.	2.4	0
79	Advances in cardiac pacing. Acta Cardiologica, 2003, 58, 101-117.	0.9	0
80	Committed function for the first delivered shock of an uncommitted implantable cardioverter-defibrillator. Cardiology Journal, 2011, 19, 570-572.	1.2	0