

Serge Sicouri

List of Publications by Year in descending order

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71
papers

3,593
citations

186265

28
h-index

133252

59
g-index

72
all docs

72
docs citations

72
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	The M Cell... Journal of Cardiovascular Electrophysiology, 1999, 10, 1124-1152.	1.7	525
2	Clinical relevance of cardiac arrhythmias generated by afterdepolarizations. Journal of the American College of Cardiology, 1994, 23, 259-277.	2.8	475
3	Does Tpeak-Tend provide an index of transmural dispersion of repolarization?. Heart Rhythm, 2007, 4, 1114-1116.	0.7	236
4	Electrophysiologic basis for the antiarrhythmic actions of ranolazine. Heart Rhythm, 2011, 8, 1281-1290.	0.7	209
5	Chronic Amiodarone Reduces Transmural Dispersion of Repolarization in the Canine Heart. Journal of Cardiovascular Electrophysiology, 1997, 8, 1269-1279.	1.7	142
6	Distribution of M Cells in the Canine Ventricle. Journal of Cardiovascular Electrophysiology, 1994, 5, 824-837.	1.7	133
7	Synergistic Effect of the Combination of Ranolazine and Dronedarone to Suppress Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 1216-1224.	2.8	123
8	Antiarrhythmic effects of ranolazine in canine pulmonary vein sleeve preparations. Heart Rhythm, 2008, 5, 1019-1026.	0.7	113
9	Drug-Induced Afterdepolarizations and Triggered Activity Occur in a Discrete Subpopulation of Ventricular Muscle Cells (M Cells) in the Canine Heart... Journal of Cardiovascular Electrophysiology, 1993, 4, 48-58.	1.7	107
10	Evidence for the Presence of M Cells in the Guinea Pig Ventricle. Journal of Cardiovascular Electrophysiology, 1996, 7, 503-511.	1.7	105
11	Sudden cardiac death secondary to antidepressant and antipsychotic drugs. Expert Opinion on Drug Safety, 2008, 7, 181-194.	2.4	101
12	Electrophysiologic Characteristics of M Cells in the Canine Left Ventricular Free Wall. Journal of Cardiovascular Electrophysiology, 1995, 6, 591-603.	1.7	95
13	Cellular basis for the electrocardiographic and arrhythmic manifestations of Timothy syndrome: Effects of ranolazine. Heart Rhythm, 2007, 4, 638-647.	0.7	79
14	Antiarrhythmic effects of the highly selective late sodium channel current blocker GS-458967. Heart Rhythm, 2013, 10, 1036-1043.	0.7	79
15	Afterdepolarizations and Triggered Activity Develop in a Select Population of Cells (M Cells) in Canine Ventricular Myocardium: The Effects of Acetylcholinesterase Inhibitor and Bay K 8644. PACE - Pacing and Clinical Electrophysiology, 1991, 14, 1714-1720.	1.2	76
16	Synergistic Electrophysiologic and Antiarrhythmic Effects of the Combination of Ranolazine and Chronic Amiodarone in Canine Atria. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 88-95.	4.8	74
17	Effects of Sodium Channel Block with Mexiletine to Reverse Action Potential Prolongation in In Vitro Models of the Long QT Syndrome. Journal of Cardiovascular Electrophysiology, 1997, 8, 1280-1290.	1.7	71
18	Abnormal expression of cardiac neural crest cells in heart development: A different hypothesis for the etiopathogenesis of Brugada syndrome. Heart Rhythm, 2007, 4, 359-365.	0.7	66

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19	Atrial-selective effects of chronic amiodarone in the management of atrial fibrillation. <i>Heart Rhythm</i> , 2008, 5, 1735-1742.	0.7	63
20	Identification and characterization of a transient outward K ⁺ current in human induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 60, 36-46.	1.9	62
21	Novel mutation in the SCN5A gene associated with arrhythmic storm development during acute myocardial infarction. <i>Heart Rhythm</i> , 2007, 4, 1072-1080.	0.7	58
22	Genetic and biophysical basis for bupivacaine-induced ST segment elevation and VT/VF. Anesthesia unmasked Brugada syndrome. <i>Heart Rhythm</i> , 2006, 3, 1074-1078.	0.7	53
23	Ionic and Cellular Mechanisms Underlying the Development of Acquired Brugada Syndrome in Patients Treated with Antidepressants. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 423-432.	1.7	44
24	Optical and electrical recordings from isolated coronary-perfused ventricular wedge preparations. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 54, 53-64.	1.9	44
25	d-Sotalol Induces Marked Action Potential Prolongation and Early Afterdepolarizations in M but Not Epicardial or Endocardial Cells of the Canine Ventricle. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 1997, 2, 27-37.	2.0	36
26	Transseptal Dispersion of Repolarization and Its Role in the Development of Torsade de Pointes Arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 441-447.	1.7	35
27	Mechanisms Underlying the Actions of Antidepressant and Antipsychotic Drugs That Cause Sudden Cardiac Arrest. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 199.	2.4	33
28	Antiarrhythmic Effects of Simvastatin in Canine Pulmonary Vein Sleeve Preparations. <i>Journal of the American College of Cardiology</i> , 2011, 57, 986-993.	2.8	29
29	Electrophysiological Characteristics of Canine Superior Vena Cava Sleeve Preparations. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 371-379.	4.8	27
30	Antibodies with beta-adrenergic activity from chronic chagasic patients modulate the QT interval and M cell action potential duration. <i>Europace</i> , 2008, 10, 868-876.	1.7	25
31	Potent Antiarrhythmic Effects of Chronic Amiodarone in Canine Pulmonary Vein Sleeve Preparations. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 803-810.	1.7	22
32	Comparison of electrophysiological and antiarrhythmic effects of vernakalant, ranolazine, and sotalol in canine pulmonary vein sleeve preparations. <i>Heart Rhythm</i> , 2012, 9, 422-429.	0.7	21
33	Lifetime management of aortic valve disease: Aligning surgical and transcatheter armamentarium to set the tone for the present and the future. <i>Journal of Cardiac Surgery</i> , 2022, 37, 205-213.	0.7	19
34	Quinidine-Induced Early Afterdepolarizations and Triggered Activity. <i>Journal of Electrophysiology</i> , 1989, 3, 323-338.	0.5	17
35	In Vitro Effects of Acute Amiodarone and Dronedaronone on Epicardial, Endocardial, and M Cells of the Canine Ventricle. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2007, 12, 314-321.	2.0	16
36	A temporal window of vulnerability for development of atrial fibrillation with advancing heart failure. <i>European Journal of Heart Failure</i> , 2014, 16, 271-280.	7.1	15

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37	Acute In Vitro Effects of Dronedarone, an Iodine-Free Derivative, and Amiodarone, on the Rabbit Sinoatrial Node Automaticity: A Comparative Study. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2007, 12, 248-257.	2.0	14
38	Antiarrhythmic Effects of Losartan and Enalapril in Canine Pulmonary Vein Sleeve Preparations. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 698-705.	1.7	13
39	Impact of left ventricle outflow tract calcification on the outcomes of transcatheter aortic valve implantation: A study-level meta-analysis. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1379-1390.	0.7	12
40	Modulated parasystole as a mechanism of ventricular ectopic activity leading to ventricular fibrillation. <i>American Journal of Cardiology</i> , 1989, 63, 1326-1332.	1.6	10
41	Electrophysiologic and Antiarrhythmic Effects of AZD1305 in Canine Pulmonary Vein Sleeves. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 255-259.	2.5	10
42	Hybrid robotic off-pump versus conventional on-pump and off-pump coronary artery bypass graft surgery in women. <i>Journal of Cardiac Surgery</i> , 2022, 37, 895-905.	0.7	9
43	Early and late outcomes of surgical aortic valve replacement with sutureless and rapid-deployment valves versus transcatheter aortic valve implantation: Meta-analysis with reconstructed time-to-event data of matched studies. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1886-1896.	1.7	9
44	Complete transcatheter versus complete surgical treatment in patients with aortic valve stenosis and concomitant coronary artery disease: Study-level meta-analysis with reconstructed time-to-event data. <i>Journal of Cardiac Surgery</i> , 2022, 37, 2072-2083.	0.7	8
45	Incidence, Natural History, and Factors Associated With Paravalvular Leak Following Surgical Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019, 14, 519-530.	0.9	7
46	Bioprosthetic valve fracture for valve-in-valve transcatheter aortic valve implantation in patients with structural valve degeneration: Systematic review with meta-analysis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4722-4731.	0.7	7
47	Mechanisms Underlying Arrhythmogenesis in Long QT Syndrome. <i>Cardiac Electrophysiology Clinics</i> , 2012, 4, 17-27.	1.7	6
48	Hybrid coronary revascularization versus percutaneous coronary intervention: A systematic review and meta-analysis. <i>IJC Heart and Vasculature</i> , 2021, 37, 100916.	1.1	6
49	Outcomes of cardiac surgical procedures performed by trainees versus consultants: A systematic review with meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 612-627.e35.	0.8	6
50	Late Outcomes After Aortic Root Enlargement During Aortic Valve Replacement: Meta-Analysis With Reconstructed Time-To-Event Data. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 3065-3073.	1.3	6
51	Development of a coronary-perfused interventricular septal preparation as a model for studying the role of the septum in arrhythmogenesis. <i>Journal of Electrocardiology</i> , 2007, 40, S142-S144.	0.9	5
52	The mini-Bentall approach: Comparison with full sternotomy. <i>JTCVS Techniques</i> , 2021, 7, 59-66.	0.4	5
53	Total Arch Replacement with Hypothermic Circulatory Arrest, Antegrade Cerebral Perfusion and the Y-graft. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 683-691.	0.6	5
54	Robotic hybrid coronary revascularization versus conventional off-pump coronary bypass surgery in women with two-vessel disease. <i>Journal of Cardiac Surgery</i> , 2022, 37, 501-511.	0.7	5

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55	Late outcomes of transcatheter aortic valve implantation in bicuspid versus tricuspid valves: Meta-analysis of reconstructed time-to-event data. <i>Trends in Cardiovascular Medicine</i> , 2022, , .	4.9	5
56	Pause-dependent normalization of ST-segment elevation during the ajmaline test in a patient with Brugada syndrome. <i>Heart Rhythm</i> , 2014, 11, 707-709.	0.7	4
57	Effect of autonomic influences to induce triggered activity in muscular sleeves extending into the coronary sinus of the canine heart and its suppression by ranolazine. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 230-238.	1.7	3
58	Assessment of pain, anxiety and depression, and quality of life after minimally invasive aortic surgery. <i>Journal of Cardiac Surgery</i> , 2021, 36, 886-893.	0.7	3
59	How We Perform a David Procedure With an Upper Hemisternotomy Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 545-552.	0.9	3
60	Ministernotomy aortic valve surgery in patients with prior patent mammary artery grafts after coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 1174-1179.	1.4	1
61	Pulmonary Vein Sleeves as a Pharmacologic Model for the Study of Atrial Fibrillation. <i>Electrofisiología & Arritmias</i> , 2010, 3, 108-113.	0.0	1
62	Commentary: Osteogenic Metaplasia of the Aortic Valve. Do Bacteria, Diabetes, and Dyslipidemia Play a Role?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 1178-1179.	0.6	1
63	Transcatheter mitral valve implantation in the ongoing structural heart revolution. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.7	1
64	Electrocardiographic differences between Timothy syndrome and LQT3 children. <i>Heart Rhythm</i> , 2005, 2, S222.	0.7	0
65	Genetic and biophysical basis for bupivacaine-induced ST segment elevation and VT/VF. Anesthesia-mediated acquired Brugada syndrome. <i>Heart Rhythm</i> , 2005, 2, S49.	0.7	0
66	To the Editor's Response:. <i>Heart Rhythm</i> , 2007, 4, 1121-1123.	0.7	0
67	Transcatheter and ministernotomy aortic valve replacement after bioprosthetic valve failure. <i>Journal of Cardiac Surgery</i> , 2021, 36, 493-500.	0.7	0
68	Selection of transcatheter heart valves: The plethora of device-specific, anatomic-specific and patient-specific aspects for optimal results in transcatheter aortic valve replacement. <i>Trends in Cardiovascular Medicine</i> , 2021, , .	4.9	0
69	Total Aortic Arch Replacement: An Evolving Process. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 696-697.	0.6	0
70	Aortic valve neocuspidization in the lifetime management of aortic valve disease. <i>Journal of Cardiac Surgery</i> , 2021, , .	0.7	0
71	New medical treatment for postoperative bleeding management. When technology impacts surgical outcomes. <i>Journal of Cardiac Surgery</i> , 0, , .	0.7	0