

# Jacques Mt de Bakker

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,117  
citations

279798

23  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Conduction in Canine Pulmonary Veins. <i>Circulation</i> , 2002, 105, 2442-2448.	1.6	337
2	Atrioventricular Junctional Tissue. <i>Circulation</i> , 1996, 94, 571-577.	1.6	167
3	The Pathophysiologic Basis of Fractionated and Complex Electrograms and the Impact of Recording Techniques on Their Detection and Interpretation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 204-213.	4.8	160
4	Pacemaker current (I <sub>f</sub> ) in the human sinoatrial node. <i>European Heart Journal</i> , 2007, 28, 2472-2478.	2.2	148
5	The Brugada ECG Pattern. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 283-290.	4.8	129
6	Slow and Discontinuous Conduction Conspire in Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 379-386.	4.8	121
7	Atrial Fibrosis and Conduction Slowing in the Left Atrial Appendage of Patients Undergoing Thoracoscopic Surgical Pulmonary Vein Isolation for Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 288-295.	4.8	110
8	Activation Delay and VT Parameters in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy: Toward Improvement of Diagnostic ECG Criteria. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 775-781.	1.7	102
9	Genetically Determined Differences in Sodium Current Characteristics Modulate Conduction Disease Severity in Mice With Cardiac Sodium Channelopathy. <i>Circulation Research</i> , 2009, 104, 1283-1292.	4.5	86
10	Three-dimensional anatomic structure as substrate for ventricular tachycardia/ventricular fibrillation. <i>Heart Rhythm</i> , 2005, 2, 777-779.	0.7	64
11	Continuous and Discontinuous Propagation in Heart Muscle. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 567-573.	1.7	58
12	Heterogeneous Connexin43 distribution in heart failure is associated with dispersed conduction and enhanced susceptibility to ventricular arrhythmias. <i>European Journal of Heart Failure</i> , 2010, 12, 913-921.	7.1	55
13	Electrocardiographic T Wave and its Relation With Ventricular Repolarization Along Major Anatomical Axes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 524-531.	4.8	55
14	Effects of heating on impulse propagation in superfused canine myocardium. <i>Journal of the American College of Cardiology</i> , 1995, 25, 1457-1464.	2.8	54
15	Dominant Frequency of Atrial Fibrillation Correlates Poorly With Atrial Fibrillation Cycle Length. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 634-644.	4.8	52
16	Early inflammatory response during the development of right ventricular heart failure in a rat model. <i>European Journal of Heart Failure</i> , 2010, 12, 653-658.	7.1	46
17	Origin of Heat-Induced Accelerated Junctional Rhythm. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 631-641.	1.7	45
18	Drug-Induced Torsade de Pointes Arrhythmias in the Chronic AV Block Dog Are Perpetuated by Focal Activity. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 566-576.	4.8	41

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19	Electrogram recording and analyzing techniques to optimize selection of target sites for ablation of cardiac arrhythmias. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1503-1516.	1.2	39
20	Cardiac cell therapy: overexpression of connexin43 in skeletal myoblasts and prevention of ventricular arrhythmias. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3703-3712.	3.6	36
21	Effects of Heating with Radiofrequency Power on Myocardial Impulse Conduction: Is Radiofrequency Ablation Exclusively Thermally Mediated?. <i>Journal of Cardiovascular Electrophysiology</i> , 1996, 7, 243-247.	1.7	31
22	Right-to-Left Ventricular Diastolic Delay in Chronic Thromboembolic Pulmonary Hypertension Is Associated With Activation Delay and Action Potential Prolongation in Right Ventricle. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 555-561.	4.8	28
23	Epicardial confirmation of conduction block during thoracoscopic surgery for atrial fibrillation - a hybrid surgical-electrophysiological approach. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2012, 21, 293-301.	1.2	27
24	Experimental Validation of Noninvasive Epicardial and Endocardial Activation Imaging. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e004104.	4.8	25
25	Reentrant Circuits in the Canine Atrioventricular Node During Atrial and Ventricular Echoes. <i>Circulation</i> , 2003, 108, 231-238.	1.6	19
26	Beta-, Not Alpha-Adrenergic Stimulation Enhances Conduction Velocity in Cultures of Neonatal Cardiomyocytes. <i>Circulation Journal</i> , 2007, 71, 973-981.	1.6	16
27	Double component action potentials in the posterior approach to the atrioventricular node: do they reflect activation delay in the slow pathway?. <i>Journal of the American College of Cardiology</i> , 1999, 34, 570-577.	2.8	11
28	Do Myofibroblasts Represent a Hidden Factor for Impaired Conduction and Tachyarrhythmia in Post-Myocardial Infarction?. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 715-717.	3.2	10
29	Electrocardiographic changes after successful recanalization of a chronic total coronary occlusion. A systematic review and meta-analysis. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 221-228.	0.8	10
30	Electrocardiographic manifestation of anatomical substrates underlying post-myocardial infarction tachycardias. <i>Journal of Electrocardiology</i> , 2007, 40, S21-S25.	0.9	9
31	Differential Mechanisms of Myocardial Conduction Slowing by Adipose Tissue-Derived Stromal Cells Derived from Different Species. <i>Stem Cells Translational Medicine</i> , 2017, 6, 22-30.	3.3	9
32	Excitability and propagation of the electrical impulse in Venus flytrap; a comparative electrophysiological study of unipolar electrograms with myocardial tissue. <i>Bioelectrochemistry</i> , 2021, 140, 107810.	4.6	5
33	Response to Letter Regarding Article, "Atrial Fibrosis and Conduction Slowing in the Left Atrial Appendage of Patients Undergoing Thoracoscopic Surgical Pulmonary Vein Isolation for Atrial Fibrillation". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 997-997.	4.8	4
34	Long-Standing Persistent Atrial Fibrillation. <i>Circulation</i> , 2015, 132, 2103-2105.	1.6	4
35	Response to Letter Regarding Article, "Dominant Frequency of Atrial Fibrillation Correlates Poorly With Atrial Fibrillation Cycle Length". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, .	4.8	1
36	Electrophysiology of the A V Node in Relation to A-V Nodal Reentry.. <i>International Heart Journal</i> , 1996, 37, 785-791.	0.6	0