

Miguel Valderrábano

List of Publications by Year in descending order

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97
papers

3,276
citations

186265

28
h-index

155660

55
g-index

97
all docs

97
docs citations

97
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	Left Atrial Appendage Closure as an Alternative to Warfarin for Stroke Prevention in Atrial Fibrillation. Journal of the American College of Cardiology, 2015, 65, 2614-2623.	2.8	470
2	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. Journal of Physiology, 2016, 594, 3911-3954.	2.9	222
3	Early Safety and Efficacy of Percutaneous Left Atrial Appendage Suture Ligation. Journal of the American College of Cardiology, 2014, 64, 565-572.	2.8	200
4	Effect of Catheter Ablation With Vein of Marshall Ethanol Infusion vs Catheter Ablation Alone on Persistent Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2020, 324, 1620.	7.4	150
5	Ethanol infusion in the vein of Marshall facilitates mitral isthmus ablation. Heart Rhythm, 2012, 9, 1207-1215.	0.7	108
6	Predictors of Device-Related Thrombus Following Percutaneous Left Atrial Appendage Occlusion. Journal of the American College of Cardiology, 2021, 78, 297-313.	2.8	106
7	Retrograde Coronary Venous Ethanol Infusion for Ablation of Refractory Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	104
8	Influence of anisotropic conduction properties in the propagation of the cardiac action potential. Progress in Biophysics and Molecular Biology, 2007, 94, 144-168.	2.9	99
9	Prospective Multicenter Experience With Cooled Radiofrequency Ablation Using High Impedance Irrigant to Target Deep Myocardial Substrate Refractory to Standard Ablation. JACC: Clinical Electrophysiology, 2018, 4, 1176-1185.	3.2	95
10	Retrograde Ethanol Infusion in the Vein of Marshall. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 50-56.	4.8	92
11	The effects of LAA ligation on LAA electrical activity. Heart Rhythm, 2014, 11, 864-870.	0.7	91
12	Ethanol infusion in the vein of Marshall: Adjunctive effects during ablation of atrial fibrillation. Heart Rhythm, 2009, 6, 1552-1558.	0.7	87
13	Bleeding Outcomes After Left Atrial Appendage Closure Compared With Long-Term Warfarin. JACC: Cardiovascular Interventions, 2015, 8, 1925-1932.	2.9	84
14	Ethanol Infusion in the Vein of Marshall Leads to Parasympathetic Denervation of the Human Left Atrium. Journal of the American College of Cardiology, 2014, 63, 1892-1901.	2.8	74
15	Spatial Distribution of Phase Singularities in Ventricular Fibrillation. Circulation, 2003, 108, 354-359.	1.6	72
16	Monomorphic ventricular tachycardia in patients with Brugada syndrome: A multicenter retrospective study. Heart Rhythm, 2016, 13, 669-682.	0.7	67
17	Left atrial appendage closure with the Watchman device using intracardiac vs transesophageal echocardiography: Procedural and cost considerations. Heart Rhythm, 2019, 16, 334-342.	0.7	66
18	Percutaneous epicardial mapping during ablation of difficult accessory pathways as an alternative to cardiac surgery. Heart Rhythm, 2004, 1, 311-316.	0.7	62

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19	Worldwide Experience with the Robotic Navigation System in Catheter Ablation of Atrial Fibrillation: Methodology, Efficacy and Safety. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 820-826.	1.7	62
20	Role of the Vein of Marshall in Atrial Fibrillation Recurrences After Catheter Ablation: Therapeutic Effect of Ethanol Infusion. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 583-591.	1.7	57
21	Azygos Vein Lead Implantation: A Novel Adjunctive Technique for Implantable Cardioverter Defibrillator Placement. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 780-783.	1.7	51
22	Ligament and vein of Marshall: A therapeutic opportunity in atrial fibrillation. <i>Heart Rhythm</i> , 2016, 13, 593-601.	0.7	48
23	Coronary venous ethanol infusion for the treatment of refractory ventricular tachycardia. <i>Heart Rhythm</i> , 2012, 9, 1637-1639.	0.7	47
24	Clinical Implications of Leaks Following Left Atrial Appendage Ligation With the LARIAT Device. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1051-1057.	2.9	45
25	Intramural Venous Ethanol Infusion for Refractory Ventricular Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1420-1431.	3.2	41
26	Ablation strategies for intramural ventricular arrhythmias. <i>Heart Rhythm</i> , 2020, 17, 1176-1184.	0.7	40
27	Ablation of Inappropriate Sinus Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 253-265.	3.2	35
28	Left Atrial Appendage Closure to Prevent Stroke in Patients With Atrial Fibrillation. <i>Circulation</i> , 2014, 130, 202-212.	1.6	32
29	The Human Left Atrial Venous Circulation as a Vascular Route for Atrial Pharmacological Therapies. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 1020-1032.	3.2	30
30	Atrioventricular Ring Reentry in Embryonic Mouse Hearts. <i>Circulation</i> , 2006, 114, 543-549.	1.6	29
31	Recurrent Perimitral Flutter due to Vein of Marshall Epicardial Connections Bypassing the Mitral Isthmus. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 988-989.	4.8	26
32	Robotic catheter ablation of left ventricular tachycardia: initial experience. <i>Heart Rhythm</i> , 2011, 8, 1837-1846.	0.7	25
33	Prevalence and Implications of Subclinical Coronary Artery Disease in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2015, 116, 1219-1223.	1.6	25
34	Retrograde venous ethanol ablation for ventricular tachycardia. <i>Heart Rhythm</i> , 2019, 16, 478-483.	0.7	23
35	Incidence, Risk Factors, Prognosis, and Electrophysiological Mechanisms of Atrial Arrhythmias After Lung Transplantation. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 296-305.	3.2	22
36	Ethanol for the treatment of cardiac arrhythmias. <i>Current Opinion in Cardiology</i> , 2015, 30, 333-343.	1.8	22

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37	Nanoparticles administered intrapericardially enhance payload myocardial distribution and retention. <i>Journal of Controlled Release</i> , 2017, 262, 18-27.	9.9	21
38	Determinants of outcome impact of vein of Marshall ethanol infusion when added to catheter ablation of persistent atrial fibrillation: A secondary analysis of the VENUS randomized clinical trial. <i>Heart Rhythm</i> , 2021, 18, 1045-1054.	0.7	20
39	Venous anatomy of the left ventricular summit: Therapeutic implications for ethanol infusion. <i>Heart Rhythm</i> , 2021, 18, 1557-1565.	0.7	18
40	Cardiac Afferent Denervation Abolishes Ganglionated Plexi and Sympathetic Responses to Apnea. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e006942.	4.8	17
41	Vein of Marshall ethanol infusion for persistent atrial fibrillation: VENUS and MARS clinical trial design. <i>American Heart Journal</i> , 2019, 215, 52-61.	2.7	16
42	Double-balloon technique for retrograde venous ethanol ablation of ventricular arrhythmias in the absence of suitable intramural veins. <i>Heart Rhythm</i> , 2020, 17, 2126-2134.	0.7	16
43	Left atrial appendage occlusion using intracardiac echocardiography. <i>Heart Rhythm</i> , 2021, 18, 313-317.	0.7	16
44	Left Atrial Appendage Remodeling After Lariat Left Atrial Appendage Ligation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1351-1358.	4.8	15
45	Strategies for phrenic nerve preservation during ablation of inappropriate sinus tachycardia. <i>Heart Rhythm</i> , 2016, 13, 1238-1245.	0.7	15
46	Pulmonary Vein Isolation Using the Visually Guided Laser Balloon: Results of the U.S. Feasibility Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 944-949.	1.7	14
47	Left Atrial Thrombus Formation After Successful Left Atrial Appendage Ligation. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1595-1596.	2.8	14
48	Clinical impact of ethanol infusion into the vein of Marshall on the mitral isthmus area evaluated by atrial electrograms recorded inside the coronary sinus. <i>Heart Rhythm</i> , 2019, 16, 1030-1038.	0.7	14
49	Periprocedural Pericardial Effusion Complicating Transcatheter Left Atrial Appendage Occlusion: A Report From the NCDR LAAO Registry. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, .	3.9	14
50	Epiphenomenal Re-Entry and Spurious Focal Activation Detection by Atrial Fibrillation Mapping Algorithms. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 923-932.	3.2	13
51	3D Cardiovascular Navigation System: Accuracy and Reduction in Radiation Exposure in Left Ventricular Lead Implant. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 87-93.	1.7	12
52	Vein of Marshall ethanol infusion in the treatment of atrial fibrillation: From concept to clinical practice. <i>Heart Rhythm</i> , 2021, 18, 1074-1082.	0.7	12
53	Myocardial remodeling and susceptibility to ventricular tachycardia in a model of chronic epilepsy. <i>Epilepsia Open</i> , 2018, 3, 213-223.	2.4	11
54	Evidence of relevant electrical connection between the left atrial appendage and the great cardiac vein during catheter ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2019, 16, 1039-1046.	0.7	10

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55	Sleep Apnea and Atrial Fibrillation: Role of the Cardiac Autonomic Nervous System. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 48.	1.0	9
56	Successful ablation of premature ventricular contractions originating from the inferoseptal process of the left ventricle using a coronary sinus approach. <i>HeartRhythm Case Reports</i> , 2018, 4, 371-374.	0.4	7
57	Malignant left atrial appendage morphology and embolization risk in atrial fibrillation. <i>HeartRhythm Case Reports</i> , 2015, 1, 406-410.	0.4	6
58	Position-Dependent Ventricular Tachycardia Related to Peripherally Inserted Central Venous Catheter. <i>Methodist DeBakey Cardiovascular Journal</i> , 2016, 12, 177-178.	1.0	6
59	Ligament of Marshall arrhythmogenesis and vein of Marshall ethanol: A problem with a solution. <i>Heart Rhythm</i> , 2018, 15, 25-27.	0.7	5
60	Coronary vein defibrillator coil placement in patients with high defibrillation thresholds. <i>Journal of Arrhythmia</i> , 2019, 35, 79-85.	1.2	5
61	NS5806 Induces Electromechanically Discordant Alternans and Arrhythmogenic Voltage-Calcium Dynamics in the Isolated Intact Rabbit Heart. <i>Frontiers in Physiology</i> , 2019, 10, 1509.	2.8	5
62	Alcohol Ablation for Ventricular Tachycardia. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 19.	1.0	5
63	Left Atrial Appendage Occlusion Device-Related Thrombus. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1537-1539.	2.8	4
64	Atrial Fibrillation Ablation Using Vein of Marshall Ethanol Infusion. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 52.	1.0	4
65	Loperamide Mimicking Brugada Pattern. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 14, 1.	1.0	4
66	Pericardial Access for LARIAT Left Atrial Appendage Closure. <i>Interventional Cardiology Clinics</i> , 2014, 3, 281-289.	0.4	3
67	Chemical mapping as a predictor of vein of Marshall ethanol ablative effects. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 47-53.	1.2	3
68	Structure Predicts (Dys)Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1701-1703.	5.3	3
69	Comparative Study of Cryoballoon versus Radiofrequency for Pulmonary Vein Isolation when Combined with vein of Marshall Ethanol Infusion for Paroxysmal Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2020, 12, 2253.	0.5	3
70	Effect of Age on Outcomes of Catheter Ablation of Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2013, 6, 886.	0.5	3
71	Transcatheter coronary sinus puncture for catheter ablation and left atrial appendage closure device implantation in a patient with dextrocardia and persistent right superior vena cava. <i>HeartRhythm Case Reports</i> , 2020, 6, 903-906.	0.4	3
72	Vagal stimulation to suppress alternans: Are we saving lives or simply masking surrogate markers?. <i>Heart Rhythm</i> , 2016, 13, 729-730.	0.7	2

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73	Improving ablation results in persistent AF: Is ethanol the answer?. Journal of Cardiovascular Electrophysiology, 2019, 30, 1229-1230.	1.7	2
74	QT interval prolongation and torsade de pointes induced by left ventricular pacing rescued by His bundle pacing. HeartRhythm Case Reports, 2020, 6, 325-328.	0.4	2
75	The Cost Effectiveness of LAA Exclusion. Journal of Atrial Fibrillation, 2016, 8, 1374.	0.5	2
76	Non-invasive localization of premature ventricular focus: A prospective multicenter study. Journal of Electrocardiology, 2022, 72, 6-12.	0.9	2
77	Combination of Hansen Robotic system with cryocatheter in a challenging parahisian accessory pathway ablation. Indian Pacing and Electrophysiology Journal, 2015, 15, 303-304.	0.6	1
78	Percutaneous Left Atrial Appendage Ligation for Stroke Prevention in Atrial Fibrillation. Methodist DeBakey Cardiovascular Journal, 2015, 11, 94-99.	1.0	1
79	Left Atrial Appendage Occlusion Device-Related Thrombus. JACC: Clinical Electrophysiology, 2018, 4, 1638-1639.	3.2	1
80	Unconventional Path to Healing. JACC: Case Reports, 2019, 1, 638-642.	0.6	1
81	Device Therapy for Sudden Cardiac Death Prophylaxis After Acute Coronary Syndrome: When and Why?. Current Cardiology Reports, 2020, 22, 4.	2.9	1
82	Role of Intracardiac Echography for Transcatheter Occlusion of Left Atrial Appendage. Cardiac Electrophysiology Clinics, 2021, 13, 313-323.	1.7	1
83	Approaches to Left Atrial Appendage Closure: Device Design, Performance, and Limitations. Methodist DeBakey Cardiovascular Journal, 2021, 13, 106.	1.0	1
84	PET-Driven, Voltage-Guided Atrial Endomyocardial Biopsy Clinches the Diagnosis of Cardiac Sarcoidosis. JACC: Case Reports, 2021, 3, 1764-1768.	0.6	1
85	Simultaneous repair of left atrial appendage perforation and appendage closure by transatrial deployment of a septal occluder device: Preclinical and clinical validation. Heart Rhythm, 2022, , .	0.7	1
86	Neuromodulatory Approaches for Atrial Fibrillation Ablation. European Cardiology Review, 2021, 16, e53.	2.2	1
87	Near-infrared sensitive nanoparticle-mediated photothermal ablation of ventricular myocardium. Heart Rhythm, 2022, 19, 1550-1556.	0.7	1
88	The Current State of Cardiac Electrophysiology. Methodist DeBakey Cardiovascular Journal, 2015, 11, 70-70.	1.0	0
89	Reply to the Editorâ€™ Treat the patient, not the T wave. Heart Rhythm, 2016, 13, e89-e90.	0.7	0
90	Multipolar electrode spline embolization. HeartRhythm Case Reports, 2018, 4, 34-35.	0.4	0

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91	Cardioneural ablation in a patient with spinal cord injury and significant sinus bradycardia. HeartRhythm Case Reports, 2021, 7, 398-402.	0.4	0
92	To the Editorâ€™”Omissions and misconceptions on vein of Marshall ethanol infusion. Heart Rhythm, 2021, 18, 1251.	0.7	0
93	Recent clinical trials in atrial fibrillation. Current Opinion in Cardiology, 2021, Publish Ahead of Print, 798-802.	1.8	0
94	High-risk left atrial appendage occlusion via isoproterenol infusion and carotid filter placement. HeartRhythm Case Reports, 2021, 7, 620-623.	0.4	0
95	Exploring New Frontiers in Cardiac Electrophysiology. Methodist DeBakey Cardiovascular Journal, 2021, 17, 6.	1.0	0
96	Incessant PVCs and Cardiomyopathy: Think Outside the Box. Methodist DeBakey Cardiovascular Journal, 2021, 16, 1.	1.0	0
97	A Fluttering Heart: A Storm is Brewing. Methodist DeBakey Cardiovascular Journal, 2019, 15, e3.	1.0	0