

# Marmar Vaseghi

## List of Publications by Year in descending order

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94  
papers

4,957  
citations

109321

35  
h-index

95266

68  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freedom from recurrent ventricular tachycardia after catheter ablation is associated with improved survival in patients with structural heart disease: An International VT Ablation Center Collaborative Group study. <i>Heart Rhythm</i> , 2015, 12, 1997-2007.	0.7	401
2	The Role of the Autonomic Nervous System in Sudden Cardiac Death. <i>Progress in Cardiovascular Diseases</i> , 2008, 50, 404-419.	3.1	317
3	Cardiac sympathetic denervation in patients with refractory ventricular arrhythmias or electrical storm: Intermediate and long-term follow-up. <i>Heart Rhythm</i> , 2014, 11, 360-366.	0.7	311
4	Neuraxial Modulation for Refractory Ventricular Arrhythmias. <i>Circulation</i> , 2010, 121, 2255-2262.	1.6	297
5	Cardiac Sympathetic Denervation for Refractory Ventricular Arrhythmias. <i>Journal of the American College of Cardiology</i> , 2017, 69, 3070-3080.	2.8	258
6	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. <i>Journal of Physiology</i> , 2016, 594, 3911-3954.	2.9	222
7	Characterization of the Arrhythmogenic Substrate in Ischemic and Nonischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2355-2365.	2.8	217
8	Value of high-density endocardial and epicardial mapping for catheter ablation of hemodynamically unstable ventricular tachycardia. <i>Heart Rhythm</i> , 2006, 3, 1-10.	0.7	131
9	Relationship Between Sinus Rhythm Late Activation Zones and Critical Sites for Scar-Related Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 390-399.	4.8	131
10	Early Mortality After Catheter Ablation of Ventricular Tachycardia in Patients With Structural Heart Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2105-2115.	2.8	122
11	Myocardial infarction induces structural and functional remodeling of the intrinsic cardiac nervous system. <i>Journal of Physiology</i> , 2016, 594, 321-341.	2.9	121
12	Remodeling of stellate ganglion neurons after spatially targeted myocardial infarction: Neuropeptide and morphologic changes. <i>Heart Rhythm</i> , 2015, 12, 1027-1035.	0.7	117
13	Supraventricular Tachycardia After Orthotopic Cardiac Transplantation. <i>Journal of the American College of Cardiology</i> , 2008, 51, 2241-2249.	2.8	114
14	Sympathetic stimulation increases dispersion of repolarization in humans with myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1838-H1846.	3.2	108
15	Sympathetic innervation of the anterior left ventricular wall by the right and left stellate ganglia. <i>Heart Rhythm</i> , 2012, 9, 1303-1309.	0.7	98
16	Sympathetic Nerve Stimulation, Not Circulating Norepinephrine, Modulates T-Peak to T-End Interval by Increasing Global Dispersion of Repolarization. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 174-185.	4.8	87
17	Focal myocardial infarction induces global remodeling of cardiac sympathetic innervation: neural remodeling in a spatial context. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1031-H1040.	3.2	79
18	Outcomes of Catheter Ablation of Ventricular Tachycardia Based on Etiology in Nonischemic Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1141-1150.	3.2	75

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19	Modulation of regional dispersion of repolarization and T-peak to T-end interval by the right and left stellate ganglia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1020-H1030.	3.2	74
20	Cardiac sympathetic innervation via middle cervical and stellate ganglia and antiarrhythmic mechanism of bilateral stellectomy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H392-H405.	3.2	72
21	Catheter Ablation of Right Ventricular Outflow Tract Tachycardia: Value of Defining Coronary Anatomy. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 632-637.	1.7	68
22	Electrophysiological effects of right and left vagal nerve stimulation on the ventricular myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H722-H731.	3.2	66
23	Predictive Score for Identifying Survival and Recurrence Risk Profiles in Patients Undergoing Ventricular Tachycardia Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006730.	4.8	65
24	Parasympathetic dysfunction and antiarrhythmic effect of vagal nerve stimulation following myocardial infarction. <i>JCI Insight</i> , 2017, 2, .	5.0	65
25	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. <i>Europace</i> , 2020, 22, 1147-1148.	1.7	62
26	Vagal nerve stimulation activates vagal afferent fibers that reduce cardiac efferent parasympathetic effects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1579-H1590.	3.2	61
27	Mode and mechanisms of death after orthotopic heart transplantation. <i>Heart Rhythm</i> , 2009, 6, 503-509.	0.7	60
28	Thoracic Epidural Anesthesia Can Be Effective for the Short-Term Management of Ventricular Tachycardia Storm. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	58
29	Non-invasive stereotactic body radiation therapy for refractory ventricular arrhythmias: an institutional experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 61, 535-543.	1.3	47
30	Cardiac neuroanatomy - Imaging nerves to define functional control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 207, 48-58.	2.8	44
31	Premature Ventricular Contraction Coupling Interval Variability Destabilizes Cardiac Neuronal and Electrophysiological Control. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	43
32	Arrhythmias in the Heart Transplant Patient. <i>Arrhythmia and Electrophysiology Review</i> , 2014, 3, 149.	2.4	41
33	Mechanisms and management of refractory ventricular arrhythmias in the age of autonomic modulation. <i>Heart Rhythm</i> , 2018, 15, 1252-1260.	0.7	40
34	Ageing, the autonomic nervous system and arrhythmia: From brain to heart. <i>Ageing Research Reviews</i> , 2018, 48, 40-50.	10.9	40
35	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. <i>Journal of Arrhythmia</i> . 2020, 36, 553-607.	1.2	40
36	Liver Disease as a Predictor of New-Onset Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2018, 7, e008703.	3.7	39

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37	Renal denervation as adjunctive therapy to cardiac sympathetic denervation for ablation refractory ventricular tachycardia. <i>Heart Rhythm</i> , 2020, 17, 220-227.	0.7	38
38	Characterization of myocardial scars: Electrophysiological imaging correlates in a porcine infarct model. <i>Heart Rhythm</i> , 2011, 8, 1060-1067.	0.7	36
39	Outcomes after repeat ablation of ventricular tachycardia in structural heart disease: An analysis from the International VT Ablation Center Collaborative Group. <i>Heart Rhythm</i> , 2017, 14, 991-997.	0.7	36
40	The autonomic nervous system and ventricular arrhythmias in myocardial infarction and heart failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 172-180.	1.2	34
41	Catheter ablation of scar-based ventricular tachycardia: Relationship of procedure duration to outcomes and hospital mortality. <i>Heart Rhythm</i> , 2015, 12, 86-94.	0.7	33
42	Cardiac sympathetic denervation for intractable ventricular arrhythmias in Chagas disease. <i>Heart Rhythm</i> , 2016, 13, 1388-1394.	0.7	31
43	Arrhythmias in Pregnancy. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 120-135.	3.2	31
44	Functional differences between junctional and extrajunctional adrenergic receptor activation in mammalian ventricle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H579-H588.	3.2	30
45	Renal denervation for refractory ventricular arrhythmias. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 206-213.	4.9	29
46	Cardiac Innervation and the Autonomic Nervous System in Sudden Cardiac Death. <i>Cardiac Electrophysiology Clinics</i> , 2017, 9, 665-679.	1.7	29
47	Beyond Coronary Sinus Angiography: The Value of Coronary Arteriography and Identification of the Pericardiophrenic Vein During Left Ventricular Lead Placement. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 185-190.	1.2	28
48	A New Combined Parameter to Predict Premature Ventricular Complexes Induced Cardiomyopathy: Impact and Recognition of Epicardial Origin. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 709-717.	1.7	28
49	Catheter ablation of accessory pathways near the coronary sinus: Value of defining coronary arterial anatomy. <i>Heart Rhythm</i> , 2015, 12, 508-514.	0.7	27
50	Microstructural Infarct Border Zone Remodeling in the Post-infarct Swine Heart Measured by Diffusion Tensor MRI. <i>Frontiers in Physiology</i> , 2018, 9, 826.	2.8	22
51	Cardiac sympathetic activation circumvents high-dose beta blocker therapy in part through release of neuropeptide Y. <i>JCI Insight</i> , 2020, 5, .	5.0	22
52	Impedance monitoring during catheter ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2005, 2, 914-920.	0.7	21
53	Device-Based Autonomic Modulation in Arrhythmia Patients: the Role of Vagal Nerve Stimulation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2015, 17, 379.	0.9	21
54	Temporal Trends and Temperature-Related Incidence of Electrical Storm. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	21

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55	Antiarrhythmic effects of vagal nerve stimulation after cardiac sympathetic denervation in the setting of chronic myocardial infarction. <i>Heart Rhythm</i> , 2018, 15, 1214-1222.	0.7	21
56	Percutaneous intervention of left main coronary artery compression by pulmonary artery aneurysm. <i>Catheterization and Cardiovascular Interventions</i> , 2010, 76, 352-356.	1.7	19
57	Mortality prediction using a modified Seattle Heart Failure Model may improve patient selection for ventricular tachycardia ablation. <i>American Heart Journal</i> , 2015, 170, 1099-1104.	2.7	18
58	Arrhythmic Risk Profile and Outcomes of Patients Undergoing Cardiac Sympathetic Denervation for Recurrent Monomorphic Ventricular Tachycardia After Ablation. <i>Journal of the American Heart Association</i> , 2021, 10, e018371.	3.7	18
59	Restricting Sports for Athletes With Heart Disease: Are We Saving Lives, Avoiding Lawsuits, or Just Promoting Obesity and Sedentary Living?. <i>Pediatric Cardiology</i> , 2012, 33, 407-416.	1.3	17
60	Premature ventricular contractions activate vagal afferents and alter autonomic tone: implications for premature ventricular contraction-induced cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H607-H616.	3.2	16
61	Central vs. peripheral neuraxial sympathetic control of porcine ventricular electrophysiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R414-R421.	1.8	15
62	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. <i>Heart Rhythm</i> , 2020, 17, e269-e316.	0.7	15
63	Augmentation of cardiac sympathetic tone by percutaneous low-level stellate ganglion stimulation in humans: a feasibility study. <i>Physiological Reports</i> , 2015, 3, e12328.	1.7	14
64	Update on prevention and treatment of sudden cardiac arrest. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 394-400.	4.9	12
65	Prognostic impact of atrial rhythm and dimension in patients with structural heart disease undergoing cardiac sympathetic denervation for ventricular arrhythmias. <i>Heart Rhythm</i> , 2020, 17, 714-720.	0.7	10
66	Myocardial infarction reduces cardiac nociceptive neurotransmission through the vagal ganglia. <i>JCI Insight</i> , 2022, 7, .	5.0	9
67	Acute myocardial infarction secondary to left main coronary artery compression by pulmonary artery aneurysm in pulmonary arterial hypertension. <i>Journal of Invasive Cardiology</i> , 2007, 19, E375-7.	0.4	9
68	Neuraxial modulation for ventricular arrhythmias: A new hope. <i>Heart Rhythm</i> , 2012, 9, 1888-1889.	0.7	7
69	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 533-535.	3.2	7
70	Recurrent ventricular tachycardia after cardiac sympathetic denervation: Prolonged cycle length with improved hemodynamic tolerance and ablation outcomes. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2382-2392.	1.7	6
71	Counterclockwise atrial flutter in dextrocardia. <i>Heart Rhythm</i> , 2005, 2, 673-674.	0.7	4
72	Sympathetic Denervation for Treatment of Ventricular Arrhythmias. <i>Journal of Atrial Fibrillation</i> , 2020, 13, 2404.	0.5	4

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73	Arrhythmias and Heart Failure in Pregnancy: A Dialogue on Multidisciplinary Collaboration. Journal of Cardiovascular Development and Disease, 2022, 9, 199.	1.6	4
74	Reentry around the heart. Heart Rhythm, 2007, 4, 236-238.	0.7	3
75	Narrow QRS complex tachycardia: What is the mechanism?. Heart Rhythm, 2013, 10, 1402-1404.	0.7	3
76	Electrocardiographic Tpeak to Tend interval: The short and long of it. Heart Rhythm, 2016, 13, 925-926.	0.7	3
77	Arrhythmogenic right ventricular cardiomyopathy: Electroarchitecture of the substrate. HeartRhythm Case Reports, 2016, 2, 47-51.	0.4	3
78	Neural Control of Cardiac Function in Health and Disease. , 2017, , 13-35.		3
79	Proarrhythmic Effects of Sympathetic Activation Are Mitigated by Vagal Nerve Stimulation in Infarcted Hearts. JACC: Clinical Electrophysiology, 2022, 8, 513-525.	3.2	3
80	No sympathy for the hypoxic: the role of fetal oxygenation in autonomic dysfunction. Journal of Physiology, 2018, 596, 5507-5508.	2.9	1
81	Editorial commentary: Confessions of a stressed heart: The brain-heart relationship is complicated. Trends in Cardiovascular Medicine, 2022, 32, 178-179.	4.9	1
82	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. Annals of Thoracic Surgery, 2021, 111, e295-e296.	1.3	1
83	Catheter ablation of ventricular tachycardia in patients with prior cardiac surgery: An analysis from the International VT Ablation Center Collaborative Group. Journal of Cardiovascular Electrophysiology, 2021, 32, 409-416.	1.7	1
84	Interstitial norepinephrine levels and local electrophysiological properties of the myocardium during sympathetic nerve activation. FASEB Journal, 2011, 25, 1098.1.	0.5	1
85	Incessant tachycardia following catheter ablation of an accessory pathway: What is the mechanism?. Heart Rhythm, 2005, 2, 441-442.	0.7	0
86	A Complex Rhythm Treated Simply: Fascicular Ventricular Tachycardia. American Journal of Medicine, 2014, 127, 601-604.	1.5	0
87	Reply to the Editorâ€™More Awarenessless Riskâ€™ Interpretation of Ablation Risk Caused by Coronary Arterial Anatomy. Heart Rhythm, 2015, 12, e66-e67.	0.7	0
88	Editorial Commentary: Chronic obstructive pulmonary disease and sudden cardiac death: Cause and effect or simply an association?. Trends in Cardiovascular Medicine, 2016, 26, 614-615.	4.9	0
89	Risk Stratification and Sudden Cardiac Death. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	0
90	How to Evaluate for and Manage Inflammatory and Infiltrative Cardiomyopathies that Require Ventricular Tachycardia Ablation. Current Cardiovascular Risk Reports, 2017, 11, 1.	2.0	0

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91	A novel mechanism for regulation of cardiac Ca <sup>2+</sup> current by estradiol: cAMP-ing out at the basal epicardium. Heart Rhythm, 2018, 15, 750-751.	0.7	0
92	Ventricular Tachycardia in Dilated Cardiomyopathy. JACC: Clinical Electrophysiology, 2020, 6, 1115-1117.	3.2	0
93	Looking Beyond Storm. JACC: Clinical Electrophysiology, 2020, 6, 338-340.	3.2	0
94	Uni vs bi: What to do when they don't see eye to eye?. Heart Rhythm, 2022, , .	0.7	0