Kalyanam Shivkumar

List of Publications by Year in descending order

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416 papers 16,555 citations

64 h-index 23533 111 g-index

457 all docs

457 docs citations

times ranked

457

10499 citing authors

#	Article	IF	CITATIONS
1	Comprehensive Anatomy of the Pericardial Space and the Cardiac Hilum. JACC: Cardiovascular Imaging, 2022, 15, 927-942.	5.3	3
2	Scalable and reversible axonal neuromodulation of the sympathetic chain for cardiac control. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H105-H115.	3.2	10
3	Research Opportunities in Autonomic Neural Mechanisms of CardiopulmonaryÂRegulation. JACC Basic To Translational Science, 2022, 7, 265-293.	4.1	17
4	Structural and function organization of intrathoracic extracardiac autonomic projections to the porcine heart: Implications for targeted neuromodulation therapy. Heart Rhythm, 2022, 19, 975-983.	0.7	9
5	High-resolution structure-function mapping of intact hearts reveals altered sympathetic control of infarct border zones. JCI Insight, 2022, 7, .	5.0	14
6	Electrophysiology and Arrhythmogenesis in the Human Right Ventricular Outflow Tract. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010630.	4.8	11
7	Cardiac Sympathectomy and itsÂEnduringÂValue for the Management ofÂLong QT Syndrome. JACC: Clinical Electrophysiology, 2022, 8, 295-296.	3.2	1
8	Epicardial Ablation of Ventricular Tachycardia. Methodist DeBakey Cardiovascular Journal, 2021, 11, 129.	1.0	17
9	Non-invasive stereotactic body radiation therapy for refractory ventricular arrhythmias: an institutional experience. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 535-543.	1.3	47
10	Mechanism of ventricular premature beats elicited by left stellate ganglion stimulation during acute ischaemia of the anterior left ventricle. Cardiovascular Research, 2021, 117, 2083-2091.	3.8	6
11	Outcomes of Percutaneous Trans–Right Atrial Access to the Left Ventricle for Catheter Ablation of Ventricular Tachycardia in Patients With Mechanical Aortic and Mitral Valves. JAMA Cardiology, 2021, 6, 326.	6.1	10
12	Rapid measurement of cardiac neuropeptide dynamics by capacitive immunoprobe in the porcine heart. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H66-H76.	3. 2	7
13	Masked premature ventricular contractions and intradevice interaction causing ventricular fibrillation. HeartRhythm Case Reports, 2021, 7, 69-73.	0.4	2
14	Optical vagus nerve modulation of heart and respiration via heart-injected retrograde AAV. Scientific Reports, 2021, 11, 3664.	3.3	12
15	Osamu Fujimura MD (1953–2020). Heart Rhythm, 2021, 18, 498.	0.7	O
16	Atrial tachycardia arising from the distal left atrial appendage requiring high-power endocardial and epicardial ablation. HeartRhythm Case Reports, 2021, 7, 157-161.	0.4	1
17	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. Annals of Thoracic Surgery, 2021, 111, e295-e296.	1.3	1
18	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2021, 7, 533-535.	3.2	7

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19	Innervation and Neuronal Control of the Mammalian Sinoatrial Node a Comprehensive Atlas. Circulation Research, 2021, 128, 1279-1296.	4.5	64
20	Cardiac sympathetic denervation and mental health. Autonomic Neuroscience: Basic and Clinical, 2021, 232, 102787.	2.8	1
21	Neuroscientific therapies for atrial fibrillation. Cardiovascular Research, 2021, 117, 1732-1745.	3.8	33
22	How to Use Intracardiac Echocardiography to Recognize Normal Cardiac Anatomy. Cardiac Electrophysiology Clinics, 2021, 13, 273-283.	1.7	1
23	A single cell transcriptomics map of paracrine networks in the intrinsic cardiac nervous system. IScience, 2021, 24, 102713.	4.1	13
24	Arrhythmic Risk Profile and Outcomes of Patients Undergoing Cardiac Sympathetic Denervation for Recurrent Monomorphic Ventricular Tachycardia After Ablation. Journal of the American Heart Association, 2021, 10, e018371.	3.7	18
25	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
26	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 1: Basic and Translational Aspects. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010181.	4.8	8
27	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 2: Population and Clinical Considerations. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010190.	4.8	3
28	Living Anatomy of the Pericardial Space. JACC: Clinical Electrophysiology, 2021, 7, 1628-1644.	3.2	5
29	Renal denervation as adjunctive therapy to cardiac sympathetic denervation for ablation refractory ventricular tachycardia. Heart Rhythm, 2020, 17, 220-227.	0.7	38
30	Cardiac perforation complicating cardiac electrophysiology procedures: value of angiography and use of a closure device to avoid cardiac surgery. Journal of Interventional Cardiac Electrophysiology, 2020, 58, 193-201.	1.3	2
31	Prognostic impact of atrial rhythm and dimension in patients with structural heart disease undergoing cardiac sympathetic denervation for ventricular arrhythmias. Heart Rhythm, 2020, 17, 714-720.	0.7	10
32	Coronary Sinus Neuropeptide Y Levels and Adverse Outcomes in Patients With Stable Chronic Heart Failure. JAMA Cardiology, 2020, 5, 318.	6.1	42
33	Stellate ganglion stimulation causes spatiotemporal changes in ventricular repolarization in pig. Heart Rhythm, 2020, 17, 795-803.	0.7	12
34	The cardiac sympathetic co-transmitter neuropeptide Y is pro-arrhythmic following ST-elevation myocardial infarction despite beta-blockade. European Heart Journal, 2020, 41, 2168-2179.	2.2	53
35	Anatomy of the Pericardial Space. Cardiac Electrophysiology Clinics, 2020, 12, 265-270.	1.7	4
36	Role of angiotensin-converting enzyme 2 and pericytes in cardiac complications of COVID-19 infection. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1059-H1068.	3.2	39

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37	Catheter Ablation of VentricularÂTachycardia. Journal of the American College of Cardiology, 2020, 76, 1657-1659.	2.8	O
38	Targeting the βâ€adrenergic receptor in the clinical management of congenital long QT syndrome. Annals of the New York Academy of Sciences, 2020, 1474, 27-46.	3.8	12
39	Genotype Predicts Outcomes in Fetuses and Neonates With Severe Congenital Long QT Syndrome. JACC: Clinical Electrophysiology, 2020, 6, 1561-1570.	3.2	24
40	Journal of the American College of Cardiology: ClinicalÂElectrophysiology. JACC: Clinical Electrophysiology, 2020, 6, 753-755.	3.2	0
41	Arrhythmia exacerbation after post-infarction ventricular tachycardia ablation: prevalence and prognostic significance. Europace, 2020, 22, 1680-1687.	1.7	3
42	Recurrent ventricular tachycardia after cardiac sympathetic denervation: Prolonged cycle length with improved hemodynamic tolerance and ablation outcomes. Journal of Cardiovascular Electrophysiology, 2020, 31, 2382-2392.	1.7	6
43	Fast in vivo detection of myocardial norepinephrine levels in the beating porcine heart. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1091-H1099.	3.2	13
44	Cardiovascular autonomic reflex function after bilateral cardiac sympathetic denervation for ventricular arrhythmias. Heart Rhythm, 2020, 17, 1320-1327.	0.7	4
45	Epicardial Interventions in Electrophysiology: Transformation to an Established Approach. Cardiac Electrophysiology Clinics, 2020, 12, xv.	1.7	1
46	Giovanni Maria Lancisi's description of commotio cordis. Heart Rhythm, 2020, 17, 674-675.	0.7	4
47	Avoiding the â€~cart before the horse': the importance of continued basic and translational studies of renal denervation. Europace, 2020, 22, 513-514.	1.7	1
48	Three-dimensional imaging of the pericardial space. HeartRhythm Case Reports, 2020, 6, 194-197.	0.4	2
49	Surgical Ventricular Tachycardia Ablation in Arrhythmogenic Right Ventricular Cardiomyopathy after Previous Hemopericardium. , 2020, , 483-485.		0
50	Cryoballoon pulmonary vein isolation: Effects on neural control of the heart. International Journal of Cardiology, 2020, 314, 77-78.	1.7	0
51	Incessant Ventricular Tachycardia Causing Tachycardia-Induced Cardiomyopathy and Left Atrial Appendage Thrombus. , 2020, , 449-451.		0
52	Utilization of Isochronal Late Activation Mapping to Minimize Ablation Lesion Set in a Patient with Diffuse Epicardial Scar from Non-Ischemic Cardiomyopathy., 2020,, 463-465.		0
53	Ebstein's anomaly: Structural insights for the interventional electrophysiologist. Heart Rhythm, 2020, 17, 1099-1100.	0.7	0
54	Cardiac sympathetic denervation for refractory ventricular arrhythmias in patients with structural heart disease: A systematic review. Heart Rhythm, 2019, 16, 1499-1505.	0.7	34

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55	Neuromodulation for Ventricular Tachycardia and Atrial Fibrillation. JACC: Clinical Electrophysiology, 2019, 5, 881-896.	3.2	29
56	Structural Interventions and Potential Unforeseen Limits on Access to Ventricular Tachycardia Substrates. JACC: Clinical Electrophysiology, 2019, 5, 996-997.	3.2	3
57	Monomorphic Ventricular Arrhythmias in Athletes. Arrhythmia and Electrophysiology Review, 2019, 8, 83-89.	2.4	4
58	Cardiac glial cells release neurotrophic S100B upon catheter-based treatment of atrial fibrillation. Science Translational Medicine, 2019, 11 , .	12.4	57
59	Anesthetizing the Fibrillating Heart. Journal of the American Heart Association, 2019, 8, e012713.	3.7	1
60	Mastering the art of epicardial access in cardiac electrophysiology. Heart Rhythm, 2019, 16, 1738-1749.	0.7	21
61	Catheter Ablation of Ventricular Arrhythmias. New England Journal of Medicine, 2019, 380, 1555-1564.	27.0	57
62	Identification of peripheral neural circuits that regulate heart rate using optogenetic and viral vector strategies. Nature Communications, 2019, 10, 1944.	12.8	140
63	Guiding Lesion Formation During Radiofrequency Catheter Ablation. , 2019, , 18-26.e3.		1
64	Limitations of 12-lead electrocardiogram wide complex tachycardia algorithms in a patient with left atrial flutter and large myocardial infarction. HeartRhythm Case Reports, 2019, 5, 70-73.	0.4	1
65	Autonomic Nervous System Dysfunction. Journal of the American College of Cardiology, 2019, 73, 1189-1206.	2.8	159
66	Premature ventricular contraction diurnal profiles predict distinct clinical characteristics and betaâ€blocker responses. Journal of Cardiovascular Electrophysiology, 2019, 30, 836-843.	1.7	21
67	Neuroinflammation as a mechanism for cardiovascular diseases. International Journal of Cardiology, 2019, 288, 128-129.	1.7	4
68	Feasibility of percutaneous epicardial mapping and ablation for refractory atrial fibrillation: Insights into substrate and lesion transmurality. Heart Rhythm, 2019, 16, 1151-1159.	0.7	38
69	Reply to the Editorâ€" Bipolar ablation of refractory VT circuits: Current opportunities and limitations. HeartRhythm Case Reports, 2019, 5, 288-289.	0.4	0
70	Increased baseline ECG R-R dispersion predicts improvement in systolic function after atrial fibrillation ablation. Open Heart, 2019, 6, e000958.	2.3	1
71	Catheter ablation in the vicinity of the proximal conduction system: Your eyes cannot see what your mind does not know. Heart Rhythm, 2019, 16, 378-379.	0.7	2
72	Systemic AAV vectors for widespread and targeted gene delivery in rodents. Nature Protocols, 2019, 14, 379-414.	12.0	235

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73	Contemporary Management of Electrical Storm. Heart Lung and Circulation, 2019, 28, 123-133.	0.4	42
74	Persistent left superior vena cava as an arrhythmogenic source in atrial fibrillation: results from a multicenter experience. Journal of Interventional Cardiac Electrophysiology, 2019, 54, 93-100.	1.3	18
75	Cardiac sympathectomy and spinal cord stimulation attenuate reflex-mediated norepinephrine release during ischemia preventing ventricular fibrillation. JCI Insight, 2019, 4, .	5.0	22
76	Morphological Spectra of Adult Human Stellate Ganglia: Implications for Thoracic Sympathetic Denervation. Anatomical Record, 2018, 301, 1244-1250.	1.4	7
77	Autonomic Regulation and Ventricular Arrhythmias. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 38.	0.9	24
78	Ventricular arrhythmia burden after transcatheter versus surgical pulmonary valve replacement. Heart, 2018, 104, 1791-1796.	2.9	5
79	Mechanisms and management of refractory ventricular arrhythmias in the age of autonomic modulation. Heart Rhythm, 2018, 15, 1252-1260.	0.7	40
80	Right ventricular lead proarrhythmia: A novel intervention for an under-recognized phenomenon. HeartRhythm Case Reports, 2018, 4, 50-53.	0.4	4
81	Hybrid surgical vs percutaneous access epicardial ventricular tachycardia ablation. Heart Rhythm, 2018, 15, 512-519.	0.7	29
82	Endocardial ablation of ventricular ectopic beats arising from the basal inferoseptal process of the left ventricle. Heart Rhythm, 2018, 15, 1356-1362.	0.7	37
83	Circadian variability patterns predict and guide premature ventricular contraction ablation procedural inducibility and outcomes. Heart Rhythm, 2018, 15, 99-106.	0.7	25
84	Cardiac magnetic resonance imaging using wideband sequences in patients with nonconditional cardiac implanted electronic devices. Heart Rhythm, 2018, 15, 218-225.	0.7	56
85	Incidence and significance of adhesions encountered during epicardial mapping and ablation of ventricular tachycardia in patients with no history of prior cardiac surgery or pericarditis. Heart Rhythm, 2018, 15, 65-74.	0.7	15
86	Catheter Ablation. , 2018, , 1185-1193.		2
87	Successful ventricular tachycardia ablation in patients with electrical storm reduces recurrences and improves survival. Heart Rhythm, 2018, 15, 48-55.	0.7	89
88	Incessant intraseptal ventricular tachycardia ablated utilizing extracorporeal membrane oxygenation and bipolar ablation. HeartRhythm Case Reports, 2018, 4, 557-560.	0.4	4
89	Journal of Cardiovascular Electrophysiology : Redefining Our Mission. Journal of Cardiovascular Electrophysiology, 2018, 30, 5-6.	1.7	0
90	Predictive Score for Identifying Survival and Recurrence Risk Profiles in Patients Undergoing Ventricular Tachycardia Ablation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006730.	4.8	65

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91	Ageing, the autonomic nervous system and arrhythmia: From brain to heart. Ageing Research Reviews, 2018, 48, 40-50.	10.9	40
92	Targeting the Cardiac Ganglionated Plexi for Atrial Fibrillation. JACC: Clinical Electrophysiology, 2018, 4, 1359-1361.	3.2	8
93	Progression of myocardial ischemia leads to unique changes in immediate-early gene expression in the spinal cord dorsal horn. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1592-H1601.	3.2	18
94	Microstructural Infarct Border Zone Remodeling in the Post-infarct Swine Heart Measured by Diffusion Tensor MRI. Frontiers in Physiology, 2018, 9, 826.	2.8	22
95	Intramyocardial radiofrequency ablation of ventricular arrhythmias using intracoronary wire mapping and a coronary reentry system: Description of a novel technique. HeartRhythm Case Reports, 2018, 4, 285-292.	0.4	19
96	Catheter Ablation of Ventricular Arrhythmia for Ebstein's Anomaly in Unoperated and Post-Surgical Patients. JACC: Clinical Electrophysiology, 2018, 4, 1300-1307.	3.2	19
97	Neural ablation to treat ventricular arrhythmias. Europace, 2018, 20, 1880-1881.	1.7	0
98	Percutaneous Hemodynamic AssistÂDevices. Journal of the American College of Cardiology, 2018, 72, 751-753.	2.8	0
99	Outcomes of Catheter Ablation of Ventricular Tachycardia Based on Etiology in Nonischemic Heart Disease. JACC: Clinical Electrophysiology, 2018, 4, 1141-1150.	3.2	75
100	Foundational concepts for cardiac neuromodulation. Bioelectronics in Medicine, 2018, 1, 9-11.	2.0	1
101	Cardiac vanilloid receptor-1 afferent depletion enhances stellate ganglion neuronal activity and efferent sympathetic response to cardiac stress. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H954-H966.	3.2	18
102	RNA Sequencing Reveals Novel Transcripts from Sympathetic Stellate Ganglia During Cardiac Sympathetic Hyperactivity. Scientific Reports, 2018, 8, 8633.	3.3	12
103	Phosphodiesterase 2A as a therapeutic target to restore cardiac neurotransmission during sympathetic hyperactivity. JCI Insight, 2018, 3, .	5.0	19
104	Calming the Nervous Heart: Autonomic Therapies in Heart Failure. Cardiac Failure Review, 2018, 4, 92.	3.0	47
105	Ventricular Tachycardia Ablation in Severe Heart Failure. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	36
106	Bioelectronic neuromodulation of the paravertebral cardiac efferent sympathetic outflow and its effect on ventricular electrical indices. Heart Rhythm, 2017, 14, 1063-1070.	0.7	23
107	Value of a Posterior Electrocardiographic Lead for Localization of Ventricular Outflow Tract Arrhythmias. JACC: Clinical Electrophysiology, 2017, 3, 678-686.	3.2	19
108	Cardiac sympathetic innervation via middle cervical and stellate ganglia and antiarrhythmic mechanism of bilateral stellectomy. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H392-H405.	3.2	72

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109	Pattern Breaks on the Surface ECG: Can We Anticipate a Long Day Ahead?. Journal of Cardiovascular Electrophysiology, 2017, 28, 515-516.	1.7	1
110	Could less be more in catheter ablation for persistent atrial fibrillation? Pulmonary vein isolation reconsidered. Heart Rhythm, 2017, 14, 668-669.	0.7	4
111	Early Mortality After Catheter Ablation of Ventricular Tachycardia in Patients With Structural Heart Disease. Journal of the American College of Cardiology, 2017, 69, 2105-2115.	2.8	122
112	Premature Ventricular Contraction Coupling Interval Variability Destabilizes Cardiac Neuronal and Electrophysiological Control. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	43
113	Sympathetic neural recordingâ€"It is all in the details. Heart Rhythm, 2017, 14, 972-973.	0.7	2
114	Sympathetic modulation of electrical activation in normal and infarcted myocardium: implications for arrhythmogenesis. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H608-H621.	3.2	55
115	Outcomes after repeat ablation of ventricular tachycardia in structural heart disease: An analysis from the International VT Ablation Center Collaborative Group. Heart Rhythm, 2017, 14, 991-997.	0.7	36
116	Cardiac Arrhythmias in Adults with Congenital Heart Disease. Cardiac Electrophysiology Clinics, 2017, 9, xv-xvi.	1.7	0
117	Cardiac Sympathetic Denervation for Refractory Ventricular Arrhythmias. Journal of the American College of Cardiology, 2017, 69, 3070-3080.	2.8	258
118	Characterization of Aortic Valve Closure Artifact During Outflow Tract Mapping. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	8
119	Bioelectronic block of paravertebral sympathetic nerves mitigates post–myocardial infarction ventricular arrhythmias. Heart Rhythm, 2017, 14, 1665-1672.	0.7	25
120	Spinal cord stimulation reduces ventricular arrhythmias during acute ischemia by attenuation of regional myocardial excitability. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H421-H431.	3.2	31
121	Permanent His-bundle pacing for cardiac resynchronization therapy: Initial feasibility study in lieu of left ventricular lead. Heart Rhythm, 2017, 14, 1353-1361.	0.7	179
122	Electrophysiology of Hypokalemia and Hyperkalemia. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	205
123	Temporal Trends and Temperature-Related Incidence of Electrical Storm. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	21
124	Anatomy for Ventricular Tachycardia Ablation in Structural Heart Disease. Cardiac Electrophysiology Clinics, 2017, 9, 11-24.	1.7	2
125	Ganglionated plexus ablation for atrial fibrillation: Just because we can, does that mean we should?. Heart Rhythm, 2017, 14, 133-134.	0.7	10
126	Neural Control of Cardiac Function in Health and Disease. , 2017, , 13-35.		3

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127	Thoracic Epidural Anesthesia Can Be Effective for the Shortâ€Term Management of Ventricular Tachycardia Storm. Journal of the American Heart Association, 2017, 6, .	3.7	58
128	Vagal Neuromodulation for Atrial Arrhythmias. JACC: Clinical Electrophysiology, 2017, 3, 939-941.	3.2	1
129	Coronary sinus ostium in the lateral right atrium: Implications for the electrophysiologist. HeartRhythm Case Reports, 2017, 3, 487-489.	0.4	0
130	Efficacy of Stellate Ganglion Blockade inÂManaging Electrical Storm. JACC: Clinical Electrophysiology, 2017, 3, 942-949.	3.2	106
131	Cardiac neuroanatomy - Imaging nerves to define functional control. Autonomic Neuroscience: Basic and Clinical, 2017, 207, 48-58.	2.8	44
132	Hemodynamic Support in VentricularÂTachycardia Ablation. JACC: Clinical Electrophysiology, 2017, 3, 1534-1543.	3.2	42
133	Brugada syndrome—Malignant phenotype associated with acute cardiac inflammation?. HeartRhythm Case Reports, 2017, 3, 384-388.	0.4	9
134	Cardiac inflammation and ventricular tachycardia in Chagas disease. HeartRhythm Case Reports, 2017, 3, 392-395.	0.4	12
135	Vagus Nerve Stimulation: Therapeutic Applications for Cardiac Disease. Series on Bioengineering and Biomedical Engineering, 2017, , 601-630.	0.1	0
136	Ventricular Tachycardia Ablation in the Elderly. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	9
137	Programmable Hypertension Control: Another Possible Indication for Implanted Pacemakers. Journal of the American Heart Association, 2017, 6, .	3.7	1
138	Recurrent myocardial infarction: Mechanisms of free-floating adaptation and autonomic derangement in networked cardiac neural control. PLoS ONE, 2017, 12, e0180194.	2.5	16
139	Inflammatory and apoptotic remodeling in autonomic nervous system following myocardial infarction. PLoS ONE, 2017, 12, e0177750.	2.5	24
140	Parasympathetic dysfunction and antiarrhythmic effect of vagal nerve stimulation following myocardial infarction. JCI Insight, 2017, 2, .	5.0	65
141	Inflammation, oxidative stress, and glial cell activation characterize stellate ganglia from humans with electrical storm. JCI Insight, 2017, 2, .	5.0	69
142	Atrioesophageal Fistula After Atrial Fibrillation Ablation: A single center series. Journal of Atrial Fibrillation, 2017, 10, 1654.	0.5	11
143	A New Combined Parameter to Predict Premature Ventricular Complexes Induced Cardiomyopathy: Impact and Recognition of Epicardial Origin. Journal of Cardiovascular Electrophysiology, 2016, 27, 709-717.	1.7	28
144	Ventricular Tachycardia Ablation in the Presence of Left Ventricular Thrombus: Safety and Efficacy. Journal of Cardiovascular Electrophysiology, 2016, 27, 453-459.	1.7	21

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145	HIFU power network optimization for catheter based cardiac interventions., 2016,,.		1
146	Vagal stimulation targets select populations of intrinsic cardiac neurons to control neurally induced atrial fibrillation. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1311-H1320.	3.2	46
147	Prognostic Impact of the Timing of Recurrence of Infarct-Related Ventricular Tachycardia After Catheter Ablation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	14
148	Role of Bilateral Sympathectomy in the Treatment of Refractory Ventricular Arrhythmias in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003713.	4.8	27
149	Catheter ablation of ventricular tachycardia: Lessons learned from past clinical trials and implications for future clinical trials. Heart Rhythm, 2016, 13, 1748-1754.	0.7	28
150	Myocardial infarction induces structural and functional remodelling of the intrinsic cardiac nervous system. Journal of Physiology, 2016, 594, 321-341.	2.9	121
151	MY APPROACH to selecting patients for videoscopic cardiac sympathetic denervation (CSD)âž. Trends in Cardiovascular Medicine, 2016, 26, 735-736.	4.9	0
152	Novel approach to intraprocedural cardiac tamponade: Dual-site drainage with continuous suction. Heart Rhythm, 2016, 13, 2091-2094.	0.7	8
153	Characterization of the epicardial substrate for catheter ablation of Brugada syndrome. Heart Rhythm, 2016, 13, 2151-2158.	0.7	89
154	Usefulness of His Bundle Pacing to Achieve Electrical Resynchronization in Patients With Complete Left Bundle Branch Block and the Relation Between Native QRS Axis, Duration, and Normalization. American Journal of Cardiology, 2016, 118, 527-534.	1.6	42
155	Sex and Catheter Ablation for Ventricular Tachycardia. JAMA Cardiology, 2016, 1, 938.	6.1	43
156	Directional Influences of Ventricular Activation on Myocardial Scar Characterization. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	87
157	Scar voltage threshold determination using ex vivo magnetic resonance imaging integration in a porcine infarct model: Influence of interelectrode distances and three-dimensional spatial effects of scar. Heart Rhythm, 2016, 13, 1993-2002.	0.7	39
158	Cardiac autonomic control in health and disease. Journal of Physiology, 2016, 594, 3851-3852.	2.9	18
159	Natriuretic peptides and peripheral autonomic neurotransmission: back to the A, B, and C's Cardiovascular Research, 2016, 112, 619-621.	3.8	2
160	Modified wideband threeâ€dimensional late gadolinium enhancement MRI for patients with implantable cardiac devices. Magnetic Resonance in Medicine, 2016, 75, 572-584.	3.0	37
161	Ablating atrial fibrillation: A translational science perspective for clinicians. Heart Rhythm, 2016, 13, 1868-1877.	0.7	22
162	Pathological effects of chronic myocardial infarction on peripheral neurons mediating cardiac neurotransmission. Autonomic Neuroscience: Basic and Clinical, 2016, 197, 34-40.	2.8	36

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163	Clinical neurocardiology defining the value of neuroscienceâ€based cardiovascular therapeutics. Journal of Physiology, 2016, 594, 3911-3954.	2.9	222
164	Cardiac sympathetic denervation for intractable ventricular arrhythmias in Chagas disease. Heart Rhythm, 2016, 13, 1388-1394.	0.7	31
165	Central vs. peripheral neuraxial sympathetic control of porcine ventricular electrophysiology. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R414-R421.	1.8	15
166	Arrhythmogenic right ventricular cardiomyopathy: Electroarchitecture of the substrate. HeartRhythm Case Reports, 2016, 2, 47-51.	0.4	3
167	Targeted stellate decentralization: Implications for sympathetic control of ventricular electrophysiology. Heart Rhythm, 2016, 13, 282-288.	0.7	40
168	Long-term clinical outcomes of focal impulse and rotor modulation for treatment of atrial fibrillation: A multicenter experience. Heart Rhythm, 2016, 13, 636-641.	0.7	222
169	Stress-induced cardiac arrhythmias: The heart–brain interaction. Trends in Cardiovascular Medicine, 2016, 26, 78-80.	4.9	35
170	10 MHz catheter-based annular array for thermal strain guided intramural cardiac ablations. , 2015, , .		2
171	Hyper-response to cardiac resynchronization with permanent His bundle pacing: Is parahisian pacing sufficient?. HeartRhythm Case Reports, 2015, 1, 429-433.	0.4	9
172	Prolonged high-power endocardial ablation of epicardial microreentrant VT from the LV summit in a patient with nonischemic cardiomyopathy. HeartRhythm Case Reports, 2015 , 1 , 464 - 468 .	0.4	10
173	Detecting and monitoring arrhythmia recurrence following catheter ablation of atrial fibrillation. Frontiers in Physiology, 2015, 6, 90.	2.8	12
174	Device-Based Autonomic Modulation in Arrhythmia Patients: the Role of Vagal Nerve Stimulation. Current Treatment Options in Cardiovascular Medicine, 2015, 17, 379.	0.9	21
175	Cardiac Innervation and Sudden Cardiac Death. Circulation Research, 2015, 116, 2005-2019.	4.5	300
176	Quantitative Analysis of Localized Sources Identified by Focal Impulse and Rotor Modulation Mapping in Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 554-561.	4.8	184
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