Olujimi A Ajijola

List of Publications by Year
in descending order

120 papers	3,678 citations	136950 32 h-index	149698 56 g-index
132 all docs	132 docs citations	132 times ranked	3372 citing authors

#	Article	IF	Citations
1	Surgical ablation after stereotactic body radiation therapy for ventricular arrhythmias. HeartRhythm Case Reports, 2022, 8, 73-76.	0.4	2
2	Research Opportunities in Autonomic Neural Mechanisms of CardiopulmonaryÂRegulation. JACC Basic To Translational Science, 2022, 7, 265-293.	4.1	17
3	Association of Generalized Anxiety Disorder With Autonomic Hypersensitivity and Blunted Ventromedial Prefrontal Cortex Activity During Peripheral Adrenergic Stimulation. JAMA Psychiatry, 2022, 79, 323.	11.0	30
4	Afferents Nerves in Atrial Fibrillation. JACC: Clinical Electrophysiology, 2022, 8, 165-167.	3.2	1
5	Electrophysiology and Arrhythmogenesis in the Human Right Ventricular Outflow Tract. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010630.	4.8	11
6	Chronic Kidney Disease: A Nerve-Racking Situation for the Heart. Circulation Research, 2022, 130, 829-830.	4.5	0
7	Pearls of wisdom for aspiring physician-scientist residency applicants and program directors. JCI Insight, 2022, 7, .	5.0	5
8	Studying Cardiac Neural Network Dynamics: Challenges and Opportunities for Scientific Computing. Frontiers in Physiology, 2022, 13, 835761.	2.8	6
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	Integrated electrophysiology care for patients with heart failure: An envisioned future. Heart Rhythm, 2021, 18, e51-e63.	0.7	1
11	COVID Highlights Another Crisis: Lack of Black Physicians and Scientists. Med, 2021, 2, 2-3.	4.4	4
12	Did giraffe cardiovascular evolution solve the problem of heart failure with preserved ejection fraction?. Evolution, Medicine and Public Health, 2021, 9, 248-255.	2.5	9
13	Chemotherapy and Radiation-Associated Cardiac Autonomic Dysfunction. Current Oncology Reports, 2021, 23, 14.	4.0	16
14	Combined Imaging and In Silico Simulations to Predict Ventricular Arrhythmia Risk in Nonischemic Cardiomyopathy. JACC: Clinical Electrophysiology, 2021, 7, 250-252.	3.2	0
15	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. Annals of Thoracic Surgery, 2021, 111, e295-e296.	1.3	1
16	Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2021, 7, 533-535.	3.2	7
17	Ferumoxytolâ€enhanced magnetic resonance T1 reactivity for depiction of myocardial hypoperfusion. NMR in Biomedicine, 2021, 34, e4518.	2.8	8
18	Key dimensions of post-traumatic stress disorder and endothelial dysfunction: a protocol for a mechanism-focused cohort study. BMJ Open, 2021, 11, e043060.	1.9	3

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19	Cardiac sympathetic denervation and mental health. Autonomic Neuroscience: Basic and Clinical, 2021, 232, 102787.	2.8	1
20	Combination Biomarkers for Risk Stratification in Patients with Chronic Heart Failure Biomarkers Prognostication in HF. Journal of Cardiac Failure, 2021, 27, 1321-1327.	1.7	7
21	A novel metric linking stellate ganglion neuronal population dynamics to cardiopulmonary physiology. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H369-H381.	3.2	7
22	Autonomic modulation of ventricular electrical activity: recent developments and clinical implications. Clinical Autonomic Research, 2021, 31, 659-676.	2.5	9
23	Cardiac afferent signaling partially underlies premature ventricular contractionâ€“induced cardiomyopathy. Heart Rhythm, 2021, 18, 1586-1595.	0.7	6
24	Aorticorenal ganglion as a novel target for renal neuromodulation. Heart Rhythm, 2021, 18, 1745-1757.	0.7	6
25	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
26	Singleâ€cell transcriptomic profiling of satellite glial cells in stellate ganglia reveals developmental and functional axial dynamics. Glia, 2021, 69, 1281-1291.	4.9	18
27	Atrial fibrillation and stroke: The journey continues. Trends in Cardiovascular Medicine, 2021, , .	4.9	0
28	Renal denervation as adjunctive therapy to cardiac sympathetic denervation for ablation refractory ventricular tachycardia. Heart Rhythm, 2020, 17, 220-227.	0.7	38
29	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
30	Coronary Sinus Neuropeptide Y Levels and Adverse Outcomes in Patients With Stable Chronic Heart Failure. JAMA Cardiology, 2020, 5, 318.	6.1	42
31	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
32	Editoral commentary: Atrial fibrillation: The road to sinus starts at the ear. Trends in Cardiovascular Medicine, 2020, 30, 440-441.	4.9	0
33	Cardiac Pacing Training in Africa. Journal of the American College of Cardiology, 2020, 76, 465-472.	2.8	9
34	Incidence of recreational sports-related sudden cardiac arrest in participants over age 12 in a general African population. BMJ Open Sport and Exercise Medicine, 2020, 6, e000706.	2.9	3
35	Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. Nature Communications, 2020, 11, 6378.	12.8	49
36	Circulating Neuropeptide Y as a Biomarker for Neuromodulation in Atrial Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 1575-1576.	3.2	7

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37	Cardiac arrhythmias in low- and middle-income countries. Cardiovascular Diagnosis and Therapy, 2020, 10, 350-360.	1.7	14
38	3D-Printed Coronary Implants Are Effective for Percutaneous Creation of Swine Models with Focal Coronary Stenosis. Journal of Cardiovascular Translational Research, 2020, 13, 1033-1043.	2.4	3
39	A Case of Ventricular Tachycardia CausedÂby a Rare Cardiac MesenchymalÂHamartoma. JACC: Case Reports, 2020, 2, 1049-1055.	0.6	3
40	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
41	Cardiovascular autonomic reflex function after bilateral cardiac sympathetic denervation for ventricular arrhythmias. Heart Rhythm, 2020, 17, 1320-1327.	0.7	4
42	Cardiac arrhythmia services in Africa from 2011 to 2018: the second report from the Pan African Society of Cardiology working group on cardiac arrhythmias and pacing. Europace, 2020, 22, 420-433.	1.7	13
43	Cardiac TRPV1 afferent signaling promotes arrhythmogenic ventricular remodeling after myocardial infarction. JCI Insight, 2020, 5, .	5.0	49
44	Quantitative assessment of cardiovascular autonomic impairment in cancer survivors: a single center case series. Cardio-Oncology, 2020, 6, 11.	1.7	11
45	Neuromodulation Therapy in Heart Failure: Combined Use of Drugs and Devices. Journal of Innovations in Cardiac Rhythm Management, 2020, 11, 4151-4159.	0.5	6
46	Cardiac pacing in sub-Saharan Africa. Cardiovascular Journal of Africa, 2020, 31, 3-4.	0.4	3
47	A Systematic Review of the Spectrum of Cardiac Arrhythmias in Sub-Saharan Africa. Global Heart, 2020, 15, 37.	2.3	18
48	Ferumoxytol-Enhanced CMR for Vasodilator Stress Testing: AÂFeasibilityÂStudy. JACC: Cardiovascular Imaging, 2019, 12, 1582-1584.	5.3	8
49	Stylet-directed His bundle lead placement: Early days of an emerging contender. Heart Rhythm, 2019, 16, 1832-1833.	0.7	0
50	Neuromodulation Approaches for Cardiac Arrhythmias: Recent Advances. Current Cardiology Reports, 2019, 21, 32.	2.9	12
51	Cardiopulmonary Performance After LeftÂCardiac Sympathetic Denervation forÂLong QT Syndromes. JACC: Clinical Electrophysiology, 2019, 5, 1091-1092.	3.2	2
52	Morphological Spectra of Adult Human Stellate Ganglia: Implications for Thoracic Sympathetic Denervation. Anatomical Record, 2018, 301, 1244-1250.	1.4	7
53	Permanent His Bundle Pacing for Cardiac Resynchronization. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 23.	0.9	4
54	Autonomic Regulation and Ventricular Arrhythmias. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 38.	0.9	24

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55	Mechanisms and management of refractory ventricular arrhythmias in the age of autonomic modulation. Heart Rhythm, 2018, 15, 1252-1260.	0.7	40
56	Hybrid surgical vs percutaneous access epicardial ventricular tachycardia ablation. Heart Rhythm, 2018, 15, 512-519.	0.7	29
57	Overview of Electrophysiological and Echocardiographic Findings and Outcomes with His Bundle Pacing for Cardiac Resynchronization. Current Cardiovascular Risk Reports, 2018, 12, 1.	2.0	0
58	Managing ventricular arrhythmias after failed catheter ablation: Interrupting the reentrant loop of repeat ablation. Heart Rhythm, 2018, 15, 63-64.	0.7	0
59	Ageing, the autonomic nervous system and arrhythmia: From brain to heart. Ageing Research Reviews, 2018, 48, 40-50.	10.9	40
60	Using reconditioned pacemakers to treat bradycardia in Africa. Nature Reviews Cardiology, 2018, 15, 725-726.	13.7	8
61	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
62	RNA Sequencing Reveals Novel Transcripts from Sympathetic Stellate Ganglia During Cardiac Sympathetic Hyperactivity. Scientific Reports, 2018, 8, 8633.	3.3	12
63	Estimating Cardiac Sympathetic Activity From Subcutaneous Nerve Recordings. JACC: Clinical Electrophysiology, 2018, 4, 696-698.	3.2	0
64	Training the physician-scientist: views from program directors and aspiring young investigators. JCI Insight, 2018, 3, .	5.0	32
65	Phosphodiesterase 2A as a therapeutic target to restore cardiac neurotransmission during sympathetic hyperactivity. JCI Insight, 2018, 3, .	5.0	19
66	Premature Ventricular Contraction Coupling Interval Variability Destabilizes Cardiac Neuronal and Electrophysiological Control. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	43
67	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
68	Characterization of Aortic Valve Closure Artifact During Outflow Tract Mapping. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	8
69	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
70	Neural Control of Cardiac Function in Health and Disease. , 2017, , 13-35.		3
71	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
72	Efficacy of Stellate Ganglion Blockade inÂManaging Electrical Storm. JACC: Clinical Electrophysiology, 2017, 3, 942-949.	3.2	106

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73	Cardiac neuroanatomy - Imaging nerves to define functional control. Autonomic Neuroscience: Basic and Clinical, 2017, 207, 48-58.	2.8	44
74	Inflammation, oxidative stress, and glial cell activation characterize stellate ganglia from humans with electrical storm. JCI Insight, 2017, 2, .	5.0	69
75	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
76	Noninvasive Neuromodulation Via TragalÂStimulation. JACC: Clinical Electrophysiology, 2016, 2, 340-342.	3.2	0
77	Heart Failure Therapies for End-Stage Chemotherapyâ€“Induced Cardiomyopathy. Journal of Cardiac Failure, 2016, 22, 439-448.	1.7	31
78	Myocardial infarction induces structural and functional remodelling of the intrinsic cardiac nervous system. Journal of Physiology, 2016, 594, 321-341.	2.9	121
79	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
80	Physiological mechanisms of QRS narrowing in bundle branch block patients undergoing permanent His bundle pacing. Journal of Electrocardiology, 2016, 49, 644-648.	0.9	30
81	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
82	Natriuretic peptides and peripheral autonomic neurotransmission: back to the A, B, and Câ€™s.. Cardiovascular Research, 2016, 112, 619-621.	3.8	2
83	Pathological effects of chronic myocardial infarction on peripheral neurons mediating cardiac neurotransmission. Autonomic Neuroscience: Basic and Clinical, 2016, 197, 34-40.	2.8	36
84	Clinical neurocardiology defining the value of neuroscienceâ€based cardiovascular therapeutics. Journal of Physiology, 2016, 594, 3911-3954.	2.9	222
85	Sudden cardiac death: We are not there yet. Trends in Cardiovascular Medicine, 2016, 26, 34-35.	4.9	1
86	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
87	Hyper-response to cardiac resynchronization with permanent His bundle pacing: Is parahisian pacing sufficient?. HeartRhythm Case Reports, 2015, 1, 429-433.	0.4	9
88	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
89	Detecting and monitoring arrhythmia recurrence following catheter ablation of atrial fibrillation. Frontiers in Physiology, 2015, 6, 90.	2.8	12
90	Augmentation of cardiac sympathetic tone by percutaneous low-level stellate ganglion stimulation in humans: a feasibility study. Physiological Reports, 2015, 3, e12328.	1.7	14

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91	Remodeling of stellate ganglion neurons after spatially targeted myocardial infarction: Neuropeptide and morphologic changes. Heart Rhythm, 2015, 12, 1027-1035.	0.7	117
92	Relationship Between Sinus Rhythm Late Activation Zones and Critical Sites for Scar-Related Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 390-399.	4.8	131
93	Incidence of abnormal positron emission tomography in patients with unexplained cardiomyopathy and ventricular arrhythmias: The potential role of occult inflammation in arrhythmogenesis. Heart Rhythm, 2015, 12, 2488-2498.	0.7	130
94	Sympathetic Nerve Stimulation, Not Circulating Norepinephrine, Modulates T-Peak to T-End Interval by Increasing Global Dispersion of Repolarization. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 174-185.	4.8	87
95	Simulation Methods and Validation Criteria for Modeling Cardiac Ventricular Electrophysiology. PLoS ONE, 2014, 9, e114494.	2.5	48
96	Synergistic application of cardiac sympathetic decentralization and comprehensive psychiatric treatment in the management of anxiety and electrical storm. Frontiers in Integrative Neuroscience, 2014, 7, 98.	2.1	8
97	Coronary sinus biomarker sampling compared to peripheral venous blood for predicting outcomes in patients with severe heart failure undergoing cardiac resynchronization therapy: The BIOCRT study. Heart Rhythm, 2014, 11, 2167-2175.	0.7	46
98	Cardiac sympathetic denervation in patients with refractory ventricular arrhythmias or electrical storm: Intermediate and long-term follow-up. Heart Rhythm, 2014, 11, 360-366.	0.7	311
99	Ventricular tachycardia in ischemic heart disease substrates. Indian Heart Journal, 2014, 66, S24-S34.	0.5	18
100	Sympathetic Innervation, Denervation, and Cardiac Arrhythmias. , 2014, , 409-417.		3
101	The genetics of the J wave patterns. Journal of Electrocardiology, 2013, 46, 395-398.	0.9	2
102	CORONARY SINUS LEVEL OF GALECTIN-3 IS A BETTER PREDICTOR THAN PERIPHERAL VENOUS LEVEL OF MAJOR ADVERSE CARDIAC EVENTS IN PATIENTS WITH CARDIAC RESYNCHRONIZATION THERAPY. Journal of the American College of Cardiology, 2013, 61, E248.	2.8	0
103	Focal myocardial infarction induces global remodeling of cardiac sympathetic innervation: neural remodeling in a spatial context. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1031-H1040.	3.2	79
104	Modulation of regional dispersion of repolarization and T-peak to T-end interval by the right and left stellate ganglia. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1020-H1030.	3.2	74
105	Effect of stellate ganglia stimulation on global and regional left ventricular function as assessed by speckle tracking echocardiography. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H840-H847.	3.2	20
106	Functional differences between junctional and extrajunctional adrenergic receptor activation in mammalian ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H579-H588.	3.2	30
107	Electrical Homogenization of Ventricular Scar by Application of Collagenase. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 776-783.	4.8	12
108	Extracardiac Neural Remodeling in Humans With Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 1010-1116.	4.8	73

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109	Cardioprotection of electroacupuncture against myocardial ischemia-reperfusion injury by modulation of cardiac norepinephrine release. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1818-H1825.	3.2	48
110	Bilateral cardiac sympathetic denervation: why, who and when?. Expert Review of Cardiovascular Therapy, 2012, 10, 947-949.	1.5	46
111	Sympathetic innervation of the anterior left ventricular wall by the right and left stellate ganglia. Heart Rhythm, 2012, 9, 1303-1309.	0.7	98
112	Bilateral Cardiac Sympathetic Denervation for the Management of Electrical Storm. Journal of the American College of Cardiology, 2012, 59, 91-92.	2.8	151
113	Neural Remodeling and Myocardial Infarction. Journal of the American College of Cardiology, 2012, 59, 962-964.	2.8	22
114	A new electrocardiographic marker for sympathetic nerve stimulation: modulation of repolarization by stimulation of stellate ganglia. Journal of Electrocardiology, 2011, 44, 694-699.	0.9	25
115	Genetic and Clinical Correlates of Early-Outgrowth Colony-Forming Units. Circulation: Cardiovascular Genetics, 2011, 4, 296-304.	5.1	17
116	Neuraxial Modulation for Electrical Storm. Journal of Arrhythmia, 2011, 27, SY07_2.	1.2	0
117	Inpatient vs. elective outpatient cardiac resynchronization therapy device implantation and long-term clinical outcome. Europace, 2010, 12, 1745-1749.	1.7	9
118	Voluntary Running Suppresses Proinflammatory Cytokines and Bone Marrow Endothelial Progenitor Cell Levels in Apolipoprotein-Eâ€“Deficient Mice. Antioxidants and Redox Signaling, 2009, 11, 15-23.	5.4	26
119	Usefulness of Cardiac Resynchronization Therapy in the Management of Doxorubicin-Induced Cardiomyopathy. American Journal of Cardiology, 2008, 101, 1371-1372.	1.6	25
120	CD40 Ligand. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1088-1090.	2.4	4