

Mohamed Boutjdir

List of Publications by Year in descending order

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153
papers

4,733
citations

76326

40
h-index

118850

62
g-index

156
all docs

156
docs citations

156
times ranked

4288
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19, Arrhythmic Risk, and Inflammation. <i>Circulation</i> , 2020, 142, 7-9.	1.6	219
2	Cellular and Ionic Basis of Arrhythmias in Postinfarction Remodeled Ventricular Myocardium. <i>Circulation Research</i> , 1996, 79, 461-473.	4.5	186
3	Inhomogeneity of Cellular Refractoriness in Human Atrium: Factor of Arrhythmia?.. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1986, 9, 1095-1100.	1.2	153
4	Arrhythmogenicity of IgG and Anti-52-kD SSA/Ro Affinity-Purified Antibodies From Mothers of Children With Congenital Heart Block. <i>Circulation Research</i> , 1997, 80, 354-362.	4.5	144
5	Reexpression of T-type Ca ²⁺ channel gene and current in post-infarction remodeled rat left ventricle. <i>Cardiovascular Research</i> , 2000, 46, 442-449.	3.8	115
6	Direct Inhibition of Expressed Cardiac L- and T-Type Calcium Channels by IgG From Mothers Whose Children Have Congenital Heart Block. <i>Circulation</i> , 2001, 103, 1599-1604.	1.6	111
7	Modulation of Nav1.7 and Nav1.8 Peripheral Nerve Sodium Channels by Protein Kinase A and Protein Kinase C. <i>Journal of Neurophysiology</i> , 2004, 91, 1556-1569.	1.8	111
8	Cardioimmunology of arrhythmias: the role of autoimmune and inflammatory cardiac channelopathies. <i>Nature Reviews Immunology</i> , 2019, 19, 63-64.	22.7	108
9	Interleukin-6 inhibition of hERG underlies risk for acquired long QT in cardiac and systemic inflammation. <i>PLoS ONE</i> , 2018, 13, e0208321.	2.5	105
10	Protective Role of Intracellular Zinc in Myocardial Ischemia/Reperfusion Is Associated with Preservation of Protein Kinase C Isoforms. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 517-525.	2.5	100
11	Diminished Basal Phosphorylation Level of Phospholamban in the Postinfarction Remodeled Rat Ventricle. <i>Circulation Research</i> , 1999, 85, 848-855.	4.5	99
12	Systemic Inflammation Rapidly Induces Reversible Atrial Electrical Remodeling: The Role of Interleukin-6 Mediated Changes in Connexin Expression. <i>Journal of the American Heart Association</i> , 2019, 8, e011006.	3.7	94
13	Systemic inflammation as a novel QT-prolonging risk factor in patients with torsades de pointes. <i>Heart</i> , 2017, 103, 1821-1829.	2.9	90
14	Serum and Immunoglobulin G from the Mother of a Child with Congenital Heart Block Induce Conduction Abnormalities and Inhibit L-Type Calcium Channels in a Rat Heart Model. <i>Pediatric Research</i> , 1998, 44, 11-19.	2.3	88
15	C2 Region-Derived Peptides of β -Protein Kinase C Regulate Cardiac Ca ²⁺ Channels. <i>Circulation Research</i> , 1997, 80, 720-729.	4.5	87
16	Effects of glyburide on ischemia-induced changes in extracellular potassium and local myocardial activation: A potential new approach to the management of ischemia-induced malignant ventricular arrhythmias. <i>American Heart Journal</i> , 1990, 119, 1025-1033.	2.7	86
17	Electrocardiographic Abnormalities in a Murine Model Injected With IgG From Mothers of Children With Congenital Heart Block. <i>Circulation</i> , 1999, 99, 1914-1918.	1.6	84
18	Autoimmune channelopathies as a novel mechanism in cardiac arrhythmias. <i>Nature Reviews Cardiology</i> , 2017, 14, 521-535.	13.7	82

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19	Evidence for functional role of $\hat{\mu}$ PKC isozyme in the regulation of cardiac Ca^{2+} channels. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H2658-H2664.	3.2	76
20	Gene Expression of SERCA2a and L- and T-type Ca Channels during Human Heart Development. Pediatric Research, 2001, 50, 569-574.	2.3	73
21	Emerging Arrhythmic Risk of Autoimmune and Inflammatory Cardiac Channelopathies. Journal of the American Heart Association, 2018, 7, e010595.	3.7	72
22	Early Afterdepolarizations and Arrhythmogenesis. Journal of Cardiovascular Electrophysiology, 1990, 1, 145-160.	1.7	70
23	Novel Molecular Mechanism Involving $\hat{\pm}$ 1D (Cav1.3) L-Type Calcium Channel in Autoimmune-Associated Sinus Bradycardia. Circulation, 2005, 111, 3034-3041.	1.6	67
24	Pathogenesis of the Novel Autoimmune-Associated Long-QT Syndrome. Circulation, 2015, 132, 230-240.	1.6	62
25	Congenital heart block: Identification of autoantibody binding site on the extracellular loop (domain) Tj ETQq1 1 0.784314 rgBT /Overlo	6.5	59
26	Autoantibodies from Mothers of Children with Congenital Heart Block Downregulate Cardiac L-type Ca Channels. Journal of Molecular and Cellular Cardiology, 2001, 33, 1153-1163.	1.9	56
27	Arrhythmogenicity of Anti-Ro/SSA Antibodies in Patients With Torsades de Pointes. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003419.	4.8	55
28	Impaired Ca^{2+} homeostasis is associated with atrial fibrillation in the $\hat{\pm}$ 1D L-type Ca^{2+} channel KO mouse. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2017-H2024.	3.2	53
29	Acquired long QT syndrome and torsade de pointes. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 414-421.	1.2	53
30	Cardiolipotoxicity, Inflammation, and Arrhythmias: Role for Interleukin-6 Molecular Mechanisms. Frontiers in Physiology, 2018, 9, 1866.	2.8	53
31	Evidence for functional role of $\hat{\mu}$ PKC isozyme in the regulation of cardiac Na^{+} channels. American Journal of Physiology - Cell Physiology, 2001, 281, C1477-C1486.	4.6	52
32	Molecular and Ionic Basis of Congenital Complete Heart Block. Trends in Cardiovascular Medicine, 2000, 10, 114-122.	4.9	51
33	Acquired Long QT Syndrome and Electrophysiology of Torsade de Pointes. Arrhythmia and Electrophysiology Review, 2019, 8, 122-130.	2.4	51
34	Localization and modulation of $\hat{\pm}$ 1D (Cav1.3) L-type Ca channel by protein kinase A. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2123-H2130.	3.2	50
35	Role of Calcium Channels in Congenital Heart Block. Scandinavian Journal of Immunology, 2010, 72, 226-234.	2.7	50
36	Functional Basis of Sinus Bradycardia in Congenital Heart Block. Circulation Research, 2004, 94, e32-8.	4.5	49

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37	Early Afterdepolarization Formation in Cardiac Myocyte... Journal of Cardiovascular Electrophysiology, 1994, 5, 609-620.	1.7	46
38	Cardiac Arrest Risk During Acute Infections. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008627.	4.8	44
39	The kinetics of spontaneous calcium oscillations and arrhythmogenesis in the in vivo heart during ischemia/reperfusion. Heart Rhythm, 2006, 3, 58-66.	0.7	43
40	Role of subendocardial Purkinje network in triggering torsade de pointes arrhythmia in experimental long QT syndrome. Europace, 2008, 10, 1218-1223.	1.7	43
41	Congenital Long <scp>QT</scp> syndrome and torsade de pointes. Annals of Noninvasive Electrocardiology, 2017, 22, .	1.1	41
42	Gene expression of Na ⁺ /Ca ²⁺ exchanger during development in human heart. Cardiovascular Research, 2000, 45, 866-873.	3.8	40
43	I ₁ -Adrenergic Activation Inhibits I ₂ -Adrenergic-Stimulated Unitary Ca ²⁺ Currents in Cardiac Ventricular Myocytes. Circulation Research, 1996, 79, 184-193.	4.5	40
44	PKC isozyme selective regulation of cloned human cardiac delayed slow rectifier K current. Biochemical and Biophysical Research Communications, 2003, 306, 1019-1025.	2.1	38
45	Rescue and Worsening of Congenital Heart Block-Associated Electrocardiographic Abnormalities in Two Transgenic Mice. Journal of Cardiovascular Electrophysiology, 2011, 22, 922-930.	1.7	38
46	Mutations in the Voltage Sensors of Domains I and II of Nav1.5 that are Associated with Arrhythmias and Dilated Cardiomyopathy Generate Gating Pore Currents. Frontiers in Pharmacology, 2015, 6, 301.	3.5	38
47	Contrasting effects of ischemia on the kinetics of membrane voltage and intracellular calcium transient underlie electrical alternans. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H400-H407.	3.2	36
48	Down-regulation of L-type calcium channel in pups born to 52 kDa SSA/Ro immunized rabbits. FASEB Journal, 2001, 15, 1539-1545.	0.5	35
49	? 1- and ?-adrenergic interactions on L-type calcium current in cardiac myocytes. Pflugers Archiv European Journal of Physiology, 1992, 421, 397-399.	2.8	33
50	All members in the sphingomyelin synthase gene family have ceramide phosphoethanolamine synthase activity. Journal of Lipid Research, 2015, 56, 537-545.	4.2	32
51	Inflammatory cytokines and cardiac arrhythmias: the lesson from COVID-19. Nature Reviews Immunology, 2022, 22, 270-272.	22.7	32
52	Intestine-specific MTP and global ACAT2 deficiency lowers acute cholesterol absorption with chylomicrons and HDLs. Journal of Lipid Research, 2014, 55, 2261-2275.	4.2	30
53	Cardiac 5-HT ₄ Serotonergic Receptors, 52kD SSA/Ro and Autoimmune-Associated Congenital Heart Block. Journal of Autoimmunity, 2002, 19, 79-86.	6.5	29
54	Functional Interactions of Raf and MEK with Jun-N-Terminal Kinase (JNK) Result in a Positive Feedback Loop on the Oncogenic Ras Signaling Pathway. Biochemistry, 2005, 44, 10784-10795.	2.5	29

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55	Ketanserin inhibits depolarization-activated outward potassium current in rat ventricular myocytes.. Circulation Research, 1994, 75, 711-721.	4.5	27
56	Regulation of cardiac excitability by protein kinase C isozymes. Frontiers in Bioscience - Scholar, 2012, S4, 532-546.	2.1	27
57	\hat{I}^2 - and \hat{I}^{\pm} -adrenergic cross-signaling for L-type Ca current is impaired in transgenic mice with constitutive activation of \hat{I}^{μ} PKC. Biochemical and Biophysical Research Communications, 2004, 314, 749-754.	2.1	26
58	Cardiac Ion Channel Regulation in Obesity and the Metabolic Syndrome: Relevance to Long QT Syndrome and Atrial Fibrillation. Frontiers in Physiology, 2017, 8, 431.	2.8	26
59	Effects of caffeine and ryanodine on delayed afterdepolarizations and sustained rhythmic activity in 1-day-old myocardial infarction in the dog.. Circulation, 1990, 81, 1393-1400.	1.6	25
60	Protein kinase C activation inhibits Cav1.3 calcium channel at NH2-terminal serine 81 phosphorylation site. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1614-H1622.	3.2	24
61	Role of pharmacotherapy in cardiac ion channelopathies. , 2015, 155, 132-142.		24
62	High-fat diet-dependent modulation of the delayed rectifier K + current in adult guinea pig atrial myocytes. Biochemical and Biophysical Research Communications, 2016, 474, 554-559.	2.1	24
63	Mentored Training to Increase Diversity among Faculty in the Biomedical Sciences: The NHLBI Summer Institute Programs to Increase Diversity (SIPID) and the Programs to Increase Diversity among Individuals Engaged in Health-related Research (PRIDE). Ethnicity and Disease, 2017, 27, 249.	2.3	23
64	Perinatal and Postnatal Expression of Cav1.3 $\hat{I}^{\pm 1D}$ Ca ²⁺ Channel in the Rat Heart. Pediatric Research, 2011, 69, 479-484.	2.3	22
65	Potassium Channel Block and Novel Autoimmune-Associated Long QT Syndrome. Cardiac Electrophysiology Clinics, 2016, 8, 373-384.	1.7	22
66	A Review of the Cardiovascular and Anti-Atherogenic Effects of Ghrelin. Current Pharmaceutical Design, 2013, 19, 4953-4963.	1.9	22
67	Editorial: Cardioimmunology: Inflammation and Immunity in Cardiovascular Disease. Frontiers in Cardiovascular Medicine, 2019, 6, 181.	2.4	21
68	Phosphorylation of the Consensus Sites of Protein Kinase A on $\hat{I}^{\pm 1D}$ L-type Calcium Channel. Journal of Biological Chemistry, 2009, 284, 5042-5049.	3.4	20
69	Marked QTc Prolongation and Torsades de pointes in Patients with Chronic Inflammatory Arthritis. Frontiers in Cardiovascular Medicine, 2016, 3, 31.	2.4	20
70	Induction of autoimmune response to the extracellular loop of the HERG channel pore induces QTc prolongation in guinea pig. Journal of Physiology, 2016, 594, 6175-6187.	2.9	19
71	Biophysical, Molecular, and Pharmacological Characterization of Voltage-Dependent Sodium Channels From Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Canadian Journal of Cardiology, 2017, 33, 269-278.	1.7	19
72	Unitary Current Analysis of L-type Ca ²⁺ Channels in Human Fetal Ventricular Myocytes. Journal of Cardiovascular Electrophysiology, 1999, 10, 692-700.	1.7	18

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73	Sodium overload due to a persistent current that attenuates the arrhythmogenic potential of a novel LQT3 mutation. <i>Frontiers in Pharmacology</i> , 2013, 4, 126.	3.5	18
74	Autoimmune and inflammatory K ⁺ channelopathies in cardiac arrhythmias: Clinical evidence and molecular mechanisms. <i>Heart Rhythm</i> , 2019, 16, 1273-1280.	0.7	18
75	mRNA and Protein Expression of SSA/Ro and SSB/La in Human Fetal Cardiac Myocytes Cultured Using a Novel Application of the Langendorff Procedure. <i>Pediatric Research</i> , 1999, 45, 260-269.	2.3	18
76	hERG 1a LQT2 C-terminus truncation mutants display hERG 1b-dependent dominant negative mechanisms. <i>Heart Rhythm</i> , 2016, 13, 1121-1130.	0.7	17
77	Sudden Cardiac Death in Ischemic Heart Disease. <i>Cardiac Electrophysiology Clinics</i> , 2017, 9, 681-691.	1.7	17
78	Autoimmune Calcium Channelopathies and Cardiac Electrical Abnormalities. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 54.	2.4	17
79	IL-6 (Interleukin 6) Blockade and Heart Rate Corrected QT Interval Prolongation in COVID-19. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008791.	4.8	17
80	iPSC-derived cardiomyocytes from patients with myotonic dystrophy type 1 have abnormal ion channel functions and slower conduction velocities. <i>Scientific Reports</i> , 2021, 11, 2500.	3.3	17
81	Protective role of protein kinase C epsilon activation in ischemia-reperfusion arrhythmia. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 432-438.	2.1	16
82	Expression of skeletal muscle NaV1.4 Na channel isoform in canine cardiac Purkinje myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 28-33.	2.1	16
83	Silencing of Cav1.2 gene in neonatal cardiomyocytes by lentiviral delivered shRNA. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 409-414.	2.1	16
84	Development and Evaluation of Two Abbreviated Questionnaires for Mentoring and Research Self-Efficacy. <i>Ethnicity and Disease</i> , 2017, 27, 179.	2.3	16
85	Risk of QTc Interval Prolongation Associated With Circulating Anti-Ro/SSA Antibodies Among US Veterans: An Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e018735.	3.7	16
86	Regulation of cardiac excitability by protein kinase C isozymes. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 532.	2.1	15
87	Isolated atrioventricular block of unknown origin in the adult and autoimmunity: diagnostic and therapeutic considerations exemplified by 3 anti-Ro/SSA-associated cases. <i>HeartRhythm Case Reports</i> , 2015, 1, 293-299.	0.4	14
88	Enhancing the Careers of Under-Represented Junior Faculty in Biomedical Research: The Summer Institute Program to Increase Diversity (SIPID). <i>Journal of the National Medical Association</i> , 2014, 106, 50-57.	0.8	13
89	A Perspective on Promoting Diversity in the Biomedical Research Workforce: The National Heart, Lung, and Blood Institute's PRIDE Program. <i>Ethnicity and Disease</i> , 2016, 26, 379.	2.3	13
90	Regulation of Cardiac Voltage-Gated Sodium Channel by Kinases: Roles of Protein Kinases A and C. <i>Handbook of Experimental Pharmacology</i> , 2017, 246, 161-184.	1.8	13

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91	Androgen Deprivation Therapy for Prostatic Cancer in Patients With Torsades de Pointes. <i>Frontiers in Pharmacology</i> , 2020, 11, 684.	3.5	13
92	Alpha1-adrenoceptor regulation of delayed afterdepolarizations and triggered activity in subendocardial Purkinje fibers surviving 1 day of myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 1991, 23, 83-90.	1.9	12
93	Arrhythmogenic mechanisms of interleukin-6 combination with hydroxychloroquine and azithromycin in inflammatory diseases. <i>Scientific Reports</i> , 2022, 12, 1075.	3.3	11
94	Optical mapping of activation patterns in an animal model of congenital heart block. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1889-H1895.	3.2	10
95	Unravelling Atrioventricular Block Risk in Inflammatory Diseases: Systemic Inflammation Acutely Delays Atrioventricular Conduction via a Cytokine-Mediated Inhibition of Connexin43 Expression. <i>Journal of the American Heart Association</i> , 2021, 10, e022095.	3.7	10
96	Calreticulin negatively regulates the surface expression of Cav1.3 L-type calcium channel. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 497-501.	2.1	9
97	Research Education and Mentoring Program in Cardiovascular Diseases for Under-Represented Junior Faculty From NHLBI SIPID/PRIDE. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1861-1865.	2.8	9
98	Rolipram, a PDE4 Inhibitor, Enhances the Inotropic Effect of Rat Heart by Activating SERCA2a. <i>Frontiers in Pharmacology</i> , 2019, 10, 221.	3.5	9
99	Intracellular and extracellular recordings of sinus node activity: comparison with estimated sinoatrial conduction times during pacemaker shifts in rabbit heart. <i>Cardiovascular Research</i> , 1986, 20, 81-88.	3.8	8
100	Induced pluripotent stem-cell-derived cardiomyocytes: cardiac applications, opportunities, and challenges. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1108-1116.	1.4	8
101	Inflammation as a Risk Factor in Cardiotoxicity: An Important Consideration for Screening During Drug Development. <i>Frontiers in Pharmacology</i> , 2021, 12, 598549.	3.5	8
102	Proton Pump Inhibitors Directly Block hERG-Potassium Channel and Independently Increase the Risk of QTc Prolongation in a Large Cohort of US Veterans. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e010042.	4.8	8
103	Anti-Ro/SSA Antibodies and the Autoimmune Long-QT Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 730161.	2.6	8
104	Two dual specificity kinases are preferentially induced by wild-type rather than by oncogenic RAS-P21 in <i>Xenopus</i> oocytes. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2420.	3.0	7
105	Letter to the Editor in response to the article "Preventing congenital neonatal heart block in offspring of mothers with anti-SSA/Ro and SSB/La antibodies: A review of published literature and registered clinical trials." by Gleicher N, Elkayam U, <i>Autoimmun Rev.</i> 2013 Sep;12(11):1039-45. <i>Autoimmunity Reviews</i> , 2014, 13, 70-72.	5.8	7
106	Comment on "Absence of an association between anti-Ro antibodies and prolonged QTc interval in systemic sclerosis: A multicenter study of 689 patients". <i>Seminars in Arthritis and Rheumatism</i> , 2015, 44, e16-e17.	3.4	7
107	Junior Faculty Career Development Through an NHLBI Program to Increase Diversity in Cardiovascular Health-Related Research. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2312-2313.	2.8	7
108	Novel re-expression of L-type calcium channel Cav1.3 in left ventricles of failing human heart. <i>Heart Rhythm</i> , 2020, 17, 1193-1197.	0.7	7

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109	Increased sarcoplasmic/endoplasmic reticulum calcium ATPase 2a activity underlies the mechanism of the positive inotropic effect of ivabradine. <i>Experimental Physiology</i> , 2020, 105, 477-488.	2.0	7
110	A Novel Peptide/Antibody-Based Antiarrhythmic Approach to Long QT Syndrome and Beyond. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2153-2155.	2.8	7
111	Reduction of ischemia-induced electrophysiologic abnormalities by glucose-insulin infusion. <i>Journal of the American College of Cardiology</i> , 1993, 22, 1214-1222.	2.8	6
112	Activation of $\hat{\mu}$ PKC reduces reperfusion arrhythmias and improves recovery from ischemia: Optical mapping of activation patterns in the isolated guinea-pig heart. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 237-241.	2.1	6
113	Commentary: Systemic effects of IL-17 in inflammatory arthritis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 183.	2.4	6
114	Transient Hypogonadism Is Associated With Heart Rate-Corrected QT Prolongation and Torsades de Pointes Risk During Active Systemic Inflammation in Men. <i>Journal of the American Heart Association</i> , 2022, 11, e023371.	3.7	6
115	Racial Disparities in Ion Channelopathies and Inherited Cardiovascular Diseases Associated With Sudden Cardiac Death. <i>Journal of the American Heart Association</i> , 2022, 11, e023446.	3.7	6
116	Novel function of $\hat{\pm}$ 1D L-type calcium channel in the atria. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 771-776.	2.1	5
117	Interleukin-6 Elevation Is a Key Pathogenic Factor Underlying COVID-19-Associated Heart Rate-Corrected QT Interval Prolongation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	5
118	Electrophysiologic Effects of Cocaine on Subendocardial Purkinje Fibers Surviving 1 Day of Myocardial Infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 1995, 6, 729-736.	1.7	4
119	The dual-specificity kinases, TOPK and DYRK1A, are critical for oocyte maturation induced by wild-type-but not by oncogenic- ras-p21 protein. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 5089.	3.0	4
120	Electrophysiological Basis of ECG Characteristics of Torsades de Pointes in Long QT Syndrome. <i>Cardiac Electrophysiology Clinics</i> , 2014, 6, 433-444.	1.7	4
121	Autoimmune cardiac channelopathies: the heart of the matter. <i>Nature Reviews Cardiology</i> , 2017, 14, 566-566.	13.7	4
122	Training Underrepresented Early-Career Faculty in Cardiovascular Health Research during COVID -19: Structural Inequities and Health Disparity. <i>Ethnicity and Disease</i> , 2021, 31, 411-416.	2.3	4
123	Association between nitrated lipoproteins and vascular function in type 2 diabetes. <i>Frontiers in Bioscience - Landmark</i> , 2021, 26, 644-663.	3.0	3
124	Evidence of Na Current Contribution to the Transient Outward Current in Cardiac Ventricular Myocytes. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 1996, 1, 149-158.	2.0	2
125	Mechanisms of Atrial Electrical Remodeling in Obese Heart. <i>Biophysical Journal</i> , 2018, 114, 383a.	0.5	2
126	Role of spatial dispersion of repolarization in reentry around a functional core versus reentry around a fixed anatomical core. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12647.	1.1	2

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127	Voltage/Calcium Uncoupling Underlies Sustained Torsade de Pointes Ventricular Tachyarrhythmia in an Experimental Model of Long QT Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 617847.	2.8	2
128	Acquired Long QT Syndrome and Electrophysiology of Torsade de Pointes. , 2020, , 201-216.		2
129	Anti-Ca ^v 1.2 Antibody-Induced Atrioventricular Block as a Novel Form in the Adult: Long-Term Pacemaker-Sparing Activity of Hydroxychloroquine. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, .	4.8	2
130	Wenckebach Periods in Sinoatrial Block: Experimental and Clinical Evidence. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 1032-1039.	1.2	1
131	Mibefradil, a T-Type Calcium Channel Blocker, and Abnormal Rhythm in Subacute Myocardial Infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 1236-1239.	1.7	1
132	TRPC channels, an overarching Ca ²⁺ paradigm in the developing heart. <i>Cardiovascular Research</i> , 2011, 92, 189-190.	3.8	1
133	Letter by Lazzerini et al Regarding Article, "Autoantibody Signature in Cardiac Arrest". <i>Circulation</i> , 2020, 142, e370-e371.	1.6	1
134	Pathogenesis of Autoimmune-Associated Long QT Syndrome. , 2020, , 217-226.		1
135	Autoantibody:Autoantigen Competitor Decoys: Application to Cardiac Phenotypes. <i>Frontiers in Immunology</i> , 2022, 13, 812649.	4.8	1
136	Emerging risk factors for QT interval prolongation and torsades de pointes. , 2022, , 113-156.		1
137	Electrophysiologic Effects of Quinidine and Hydroquinidine on Rabbit Atrium: A Comparative Study. <i>Journal of Electrophysiology</i> , 1989, 3, 346-352.	0.5	0
138	Silencing of Cav1.2 gene in Rat Neonatal Cardiomyocytes by Lentiviral delivered shRNA. <i>Biophysical Journal</i> , 2009, 96, 180a-181a.	0.5	0
139	Calreticulin Negatively Regulates the Surface Expression of I_{CaL} L-Type Calcium Channel. <i>Biophysical Journal</i> , 2009, 96, 181a.	0.5	0
140	Modulation of hERG 1a Trafficking by hERG 1b Subunits in Heart. <i>Biophysical Journal</i> , 2016, 110, 273a.	0.5	0
141	Abstract 3499: Extracellular Loop (Domain I, S5-S6) of I_{CaL} L-type Ca Channel is an Antigenic Site in Autoimmune Associated Congenital Heart Block. <i>Circulation</i> , 2008, 118, .	1.6	0
142	Abstract 3500: Rescue and Worsening of Electrocardiographic Abnormalities in Two Experimental Transgenic Murine Models of Congenital Heart Block. <i>Circulation</i> , 2008, 118, .	1.6	0
143	Abstract 617: Intestine-Specific MTP Deficiency with ACAT2 Gene Ablation Lowers Acute Cholesterol Absorption With Chylomicrons and High-Density Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0
144	Abstract P253: Relation Between Microvascular Function and Large Artery Stiffness in African American Diabetic Patients. <i>Hypertension</i> , 2017, 70, .	2.7	0

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145	Differences in Risk Factor Profile between Carotid Intimal Medial Thickness and Pulse Wave Velocity in African-Americans with Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1597-P.	0.6	0
146	A Comparative Study of the Associations between Modified Low-Density Lipoproteins and Vascular Function in African-American Diabetic Patients. <i>Diabetes</i> , 2018, 67, 468-P.	0.6	0
147	Relationship between Nitrated High-Density Lipoproteins and Vascular Function in African-American Diabetic Patients. <i>Diabetes</i> , 2018, 67, 611-P.	0.6	0
148	Association between Glycated Lipoproteins and Vascular Function in African-American Diabetic Patients. <i>Diabetes</i> , 2018, 67, .	0.6	0
149	The Role of Inflammation and Autoimmunity in Long QT Syndrome. , 2020, , 227-251.		0
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151	Plasma PCSK9 predicts microvascular function but not arterial stiffness in African-Americans with well controlled type 2 diabetes. <i>Journal of Translational Science</i> , 2020, 7, .	0.2	0
152	RNase Protection Assay for Quantifying Gene Expression Levels. , 0, , 145-158.		0
153	Abstract P250: Comparison of Clinical Variables Independently Associated With Large Artery Stiffness and Microvascular Dysfunction in African-American Diabetic Patients. <i>Hypertension</i> , 2017, 70, .	2.7	0