Barry London

List of Publications by Year in descending order

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132	7,315	53794	58581
papers	citations	45 h-index	82 g-index

144	144	144	8570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The microRNAâ€204â€5p inhibits APJ signalling and confers resistance to cardiac hypertrophy and dysfunction. Clinical and Translational Medicine, 2022, 12, e693.	4.0	5
2	Genome-wide association analyses identify new Brugada syndrome risk loci and highlight a new mechanism of sodium channel regulation in disease susceptibility. Nature Genetics, 2022, 54, 232-239.	21.4	55
3	Knockout of Sorbin And SH3 Domain Containing 2 (Sorbs2) in Cardiomyocytes Leads to Dilated Cardiomyopathy in Mice. Journal of the American Heart Association, 2022, 11, .	3.7	5
4	Recurrent exercise-induced ventricular tachycardia in a patient with Brugada syndrome. HeartRhythm Case Reports, 2021, 7, 144-147.	0.4	0
5	Reviewing Peer Review. Journal of the American Heart Association, 2021, 10, e021475.	3.7	2
6	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	3.1	11
7	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	12.8	466
8	Diversity, Equity, and Inclusiveness in Medicine and Cardiology. Journal of the American Heart Association, 2020, 9, e014592.	3.7	3
9	Diversity, Equity, and Inclusiveness in Medicine and Cardiology: Next Steps for JAHA. Journal of the American Heart Association, 2020, 9, e019307.	3.7	1
10	Ciliary Genes Causing Transposition of the Great Arteries? Not Silly at All. Circulation Research, 2020, 126, 822-823.	4.5	1
11	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	12.8	59
12	Modulation of the cardiac sodium channel NaV1.5 peak and late currents by NAD+ precursors. Journal of Molecular and Cellular Cardiology, 2020, 141, 70-81.	1.9	11
13	Current Perspectives on Coronavirus Disease 2019 and Cardiovascular Disease: A White Paper by the JAHA Editors. Journal of the American Heart Association, 2020, 9, e017013.	3.7	52
14	Functional role of endogenous Kv1.4 in experimental demyelination. Journal of Neuroimmunology, 2020, 343, 577227.	2.3	4
15	High-energy external defibrillation and transcutaneous pacing during MRI: feasibility and safety. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 47.	3.3	4
16	Magnetic resonance imaging of contracting ultrathin cardiac tissue. Biomedical Physics and Engineering Express, 2019, 5, 045003.	1.2	2
17	Losartan for Preventing Aortic Root Dilatation in Patients with Marfan Syndrome: A Meta-Analysis of Randomized Trials. Cardiology and Therapy, 2019, 8, 365-372.	2.6	8
18	Temporal Trends and Clinical Outcomes of Transcatheter Aortic Valve Replacement in Nonagenarians. Journal of the American Heart Association, 2019, 8, e013685.	3.7	17

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19	Catecholaminergic Polymorphic (Right)ÂVentricular Tachycardia?. JACC: Clinical Electrophysiology, 2019, 5, 128-130.	3.2	0
20	Outcomes of Surgical Ablation in Patients With Atrial Fibrillation Undergoing Cardiac Surgeries. Annals of Thoracic Surgery, 2019, 107, 1395-1400.	1.3	2
21	Letter by London Regarding Article, â€œReappraisal of Reported Genes for Sudden Arrhythmic Death: Evidence-Based Evaluation of Gene Validity for Brugada Syndromeâ€. Circulation, 2019, 139, 1758-1759.	1.6	7
22	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. Circulation, 2019, 139, 489-501.	1.6	109
23	Estimated Cardiac Risk Associated With Macrolides and Fluoroquinolones Decreases Substantially When Adjusting for Patient Characteristics and Comorbidities. Journal of the American Heart Association, 2018, 7, .	3.7	28
24	Meta-Analysis of Trials on Prophylactic Use of Levosimendan in Patients Undergoing Cardiac Surgery. Annals of Thoracic Surgery, 2018, 105, 1403-1410.	1.3	18
25	CFTR Heterozygotes Are at Increased Risk of Respiratory Infections: A Population-Based Study. Open Forum Infectious Diseases, 2018, 5, ofy219.	0.9	18
26	Genetics of Atrial Fibrillation. Journal of the American Heart Association, 2018, 7, e009884.	3.7	63
27	Emerging potential benefits of modulating NAD⁺metabolism in cardiovascular disease. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H839-H852.	3.2	47
28	Reply. Annals of Thoracic Surgery, 2018, 106, 1590-1591.	1.3	0
29	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
30	A common variant alters SCN5Aâ€“miR-24 interaction and associates with heart failure mortality. Journal of Clinical Investigation, 2018, 128, 1154-1163.	8.2	34
31	IDENTIFYING NEW SUDDEN DEATH GENES. Transactions of the American Clinical and Climatological Association, 2018, 129, 183-184.	0.5	0
32	Myocardial Recovery in Patients With Systolic Heart Failure and Autoantibodies Against Î² 1 -Adrenergic Receptors. Journal of the American College of Cardiology, 2017, 69, 968-977.	2.8	28
33	Sirtuin 1 regulates cardiac electrical activity by deacetylating the cardiac sodium channel. Nature Medicine, 2017, 23, 361-367.	30.7	62
34	Cardiac implantable electronic device infections: Who is at greatest risk?. Heart Rhythm, 2017, 14, 839-845.	0.7	70
35	Defining the Complexity of the Junctional Membrane Complex. Circulation Research, 2017, 120, 11-12.	4.5	4
36	Reversible lysine acetylation: Another layer of post-translational regulation of the cardiac sodium channel. Channels, 2017, 11, 360-361.	2.8	3

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37	United We Stand; Divided We Fibrillate?. Circulation Research, 2017, 121, 1302-1303.	4.5	0
38	Immune Modulation of Cardiac Arrhythmias. Circulation Research, 2017, 121, 11-12.	4.5	3
39	Serum amine-based metabolites and their association with outcomes in primary prevention implantable cardioverter-defibrillator patients. Europace, 2016, 18, 1383-1390.	1.7	7
40	Nighttime instabilities of neurophysiological, cardiovascular, and respiratory activity: integrative modeling and preliminary results. Journal of Electrocardiology, 2015, 48, 1010-1016.	0.9	6
41	Genetics of Sudden Cardiac Death. Current Cardiology Reports, 2015, 17, 606.	2.9	30
42	Left Ventricular Dilatation Increases the Risk of Ventricular Arrhythmias in Patients With Reduced Systolic Function. Journal of the American Heart Association, 2015, 4, e001566.	3.7	27
43	Mechanism of automaticity in cardiomyocytes derived from human induced pluripotent stem cells. Journal of Molecular and Cellular Cardiology, 2015, 81, 81-93.	1.9	92
44	Reconciling computer models and stem cell models of human cardiac repolarization: reply. Cardiovascular Research, 2015, 106, 6-7.	3.8	0
45	Effect of Angiotensin-Converting Enzyme Inhibitors and Receptor Blockers on Appropriate Implantable Cardiac Defibrillator Shock in Patients With Severe Systolic Heart Failure (from the GRADE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.8	0
46	Isolated right ventricular failure and abnormal hemodynamics caused by right ventricular pacing are reversed with cardiac resynchronization therapy. HeartRhythm Case Reports, 2015, 1, 182-185.	0.4	1
47	Study familial hypertrophic cardiomyopathy using patient-specific induced pluripotent stem cells. Cardiovascular Research, 2014, 104, 258-269.	3.8	167
48	Left Ventricular Diameter and Risk Stratification for Sudden Cardiac Death. Journal of the American Heart Association, 2014, 3, e001193.	3.7	71
49	Evaluation of potential ionizing irradiation protectors and mitigators using clonogenic survival of human umbilical cord blood hematopoietic progenitor cells. Experimental Hematology, 2013, 41, 957-966.	0.4	13
50	Searching for Sudden Death SNPs in Calcium Handling Genes. Journal of the American Heart Association, 2013, 2, e000541.	3.7	1
51	FISHing for Answers in Postoperative Atrial Fibrillation. Journal of the American Heart Association, 2012, 1, e002931.	3.7	2
52	Immunosuppression Decreases Inflammation and Increases AAV6-hSERCA2a-Mediated SERCA2a Expression. Human Gene Therapy, 2012, 23, 722-732.	2.7	9
53	Whither Art Thou, SCN10A, and What Art Thou Doing?. Circulation Research, 2012, 111, 268-270.	4.5	13
54	Mathematical modeling mechanisms of arrhythmias in transgenic mouse heart overexpressing TNF-Î±. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H934-H952.	3.2	27

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55	Women and minorities are less likely to receive an implantable cardioverter defibrillator for primary prevention of sudden cardiac death. Europace, 2012, 14, 341-344.	1.7	37
56	Genetic variation in the alternative splicing regulator RBM20 is associated with dilated cardiomyopathy. Heart Rhythm, 2012, 9, 390-396.	0.7	136
57	Cardiac levels of NOS1AP RNA from right ventricular tissue recovered during lead extraction. Heart Rhythm, 2012, 9, 399-404.	0.7	9
58	Survival Benefit of Implantable Cardioverter-Defibrillators in Left Ventricular Assist Deviceâ€“Supported Heart Failure Patients. Journal of Cardiac Failure, 2012, 18, 140-145.	1.7	82
59	Nocturnal Peak in Atrial Tachyarrhythmia Occurrence as a Function of Arrhythmia Burden. Journal of Cardiovascular Electrophysiology, 2012, 23, 604-611.	1.7	19
60	Angiotensin Receptor Type 1 Single Nucleotide Polymorphism 1166A/C is Associated With Malignant Arrhythmias and Altered Circulating miR-155 Levels in Patients With Chronic Heart Failure. Journal of Cardiac Failure, 2012, 18, 717-723.	1.7	22
61	Dissection of the voltage-activated potassium outward currents in adult mouse ventricular myocytes: I to,f, I to,s, I K,slow1, I K,slow2, and I ss. Basic Research in Cardiology, 2011, 106, 189-204.	5.9	33
62	Up-Regulation of A-Type Potassium Currents Protects Neurons Against Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1823-1835.	4.3	24
63	Statins Decrease Oxidative Stress and ICD Therapies. Cardiology Research and Practice, 2010, 2010, 1-7.	1.1	16
64	Effect of Right Ventricular Versus Biventricular Pacing on Electrical Remodeling in the Normal Heart. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 79-87.	4.8	16
65	GWAS Applied to Heart Failure. Circulation: Cardiovascular Genetics, 2010, 3, 226-228.	5.1	3
66	Adrenergic stimulation promotes T-wave alternans and arrhythmia inducibility in a TNF-Î± genetic mouse model of congestive heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H440-H450.	3.2	13
67	Targeting Device Therapy: Genomics of Sudden Death. Heart Failure Clinics, 2010, 6, 93-100.	2.1	6
68	The many faces of repolarization instability: which one is prognostic?. Journal of Electrocardiology, 2009, 42, 511-516.	0.9	6
69	Arrhythmia phenotype in mouse models of human long QT. Journal of Interventional Cardiac Electrophysiology, 2009, 24, 77-87.	1.3	15
70	Ventricular Arrhythmia Risk After Subarachnoid Hemorrhage. Neurocritical Care, 2009, 10, 287-294.	2.4	49
71	Cardiac Na ⁺ Current Regulation by Pyridine Nucleotides. Circulation Research, 2009, 105, 737-745.	4.5	103
72	Dual-Dye Optical Mapping after Myocardial Infarction: Does the Site of Ventricular Stimulation Alter the Properties of Electrical Propagation?. Journal of Cardiovascular Electrophysiology, 2008, 19, 197-202.	1.7	18

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73	Design of a Phase 1/2 Trial of Intracoronary Administration of AAV1/SERCA2a in Patients With Heart Failure. Journal of Cardiac Failure, 2008, 14, 355-367.	1.7	194
74	Prevention of adverse electrical and mechanical remodeling with biventricular pacing in a rabbit model of myocardial infarction. Heart Rhythm, 2008, 5, 124-130.	0.7	15
75	Understanding Cardiac Calcium Channelopathies. Circulation, 2008, 118, 2221-2222.	1.6	2
76	Systems Approach to Understanding Electromechanical Activity in the Human Heart. Circulation, 2008, 118, 1202-1211.	1.6	66
77	Homozygous Missense N629D hERG (KCNH2) Potassium Channel Mutation Causes Developmental Defects in the Right Ventricle and Its Outflow Tract and Embryonic Lethality. Circulation Research, 2008, 103, 1483-1491.	4.5	50
78	Omega-3 Fatty Acids and Cardiac Arrhythmias: Prior Studies and Recommendations for Future Research. Circulation, 2007, 116, e320-35.	1.6	155
79	Molecular and Functional Characterization of Novel Glycerol-3-Phosphate Dehydrogenase 1â€“Like Gene (GPD1-L) Mutations in Sudden Infant Death Syndrome. Circulation, 2007, 116, 2253-2259.	1.6	162
80	Mutation in Glycerol-3-Phosphate Dehydrogenase 1â€“Like Gene (GPD1-L) Decreases Cardiac Na ⁺ Current and Causes Inherited Arrhythmias. Circulation, 2007, 116, 2260-2268.	1.6	402
81	Response to Letter Regarding Article, â€œUpsurge in T-Wave Alternans and Nonalternating Repolarization Instability Precedes Spontaneous Initiation of Ventricular Tachyarrhythmias in Humansâ€• Circulation, 2007, 115, .	1.6	0
82	A sodium channel pore mutation causing Brugada syndrome. Heart Rhythm, 2007, 4, 46-53.	0.7	64
83	Knockin Animal Models of Inherited Arrhythmogenic Diseases: What Have We Learned From Them?. Journal of Cardiovascular Electrophysiology, 2007, 18, 1117-1125.	1.7	18
84	Mouse models of long QT syndrome. Journal of Physiology, 2007, 578, 43-53.	2.9	130
85	Dispersion of repolarization and refractoriness are determinants of arrhythmia phenotype in transgenic mice with long QT. Journal of Physiology, 2007, 578, 115-129.	2.9	40
86	A Precondition for Arrhythmias. Journal of Cardiovascular Electrophysiology, 2007, 18, 100-101.	1.7	1
87	Amiodarone and Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2007, 18, 1321-1322.	1.7	2
88	Genetic susceptibility to atrial fibrillation in patients with congestive heart failure. Heart Rhythm, 2006, 3, 808-812.	0.7	64
89	To The Editorâ€”Response. Heart Rhythm, 2006, 3, 1395.	0.7	0
90	Renal insufficiency predicts the time to first appropriate defibrillator shock. American Heart Journal, 2006, 151, 852-856.	2.7	59

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91	Mergla K + channel induces skeletal muscle atrophy by activating the ubiquitin proteasome pathway. FASEB Journal, 2006, 20, 1531-1533.	0.5	34
92	Electrical remodeling of cardiac myocytes from mice with heart failure due to the overexpression of tumor necrosis factor-Î±. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2098-H2107.	3.2	93
93	CaM Kinase Inhibition. Circulation Research, 2006, 99, 1027-1028.	4.5	1
94	Upsurge in T-Wave Alternans and Nonalternating Repolarization Instability Precedes Spontaneous Initiation of Ventricular Tachyarrhythmias in Humans. Circulation, 2006, 113, 2880-2887.	1.6	134
95	What Is the Mechanism of This Wide-Complex Tachycardia? More Questions Than Answers. PACE - Pacing and Clinical Electrophysiology, 2005, 28, 149-151.	1.2	0
96	Atrial contractile dysfunction, fibrosis, and arrhythmias in a mouse model of cardiomyopathy secondary to cardiac-specific overexpression of tumor necrosis factor-Î±. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1456-H1467.	3.2	122
97	Adrenergic stimulation promotes T-wave alternans in a TNF-Î± genetic mouse model of congestive heart failure. Heart Rhythm, 2005, 2, S142-S143.	0.7	1
98	Staying Connected Without Connexin43. Circulation Research, 2004, 95, 120-121.	4.5	1
99	Transcription Enhancer Factor-1-Related Factor-Transgenic Mice Develop Cardiac Conduction Defects Associated With Altered Connexin Phosphorylation. Circulation, 2004, 110, 2980-2987.	1.6	32
100	Cardiac Autonomic Modulation by Estrogen in Female Mice Undergoing Ambulatory Monitoring and In Vivo Electrophysiologic Testing. Annals of Noninvasive Electrocardiology, 2004, 9, 142-148.	1.1	5
101	Epidemiology and determinants of outcome of admissions for atrial fibrillation in the United States from 1996 to 2001. American Journal of Cardiology, 2004, 94, 500-504.	1.6	92
102	Interaction of Implantable Defibrillator Therapy with Angiotensinâ€Converting Enzyme Deletion/Insertion Polymorphism. Journal of Cardiovascular Electrophysiology, 2004, 15, 1162-1166.	1.7	13
103	Fatty Acid Metabolism and Arrhythmias. Journal of Cardiovascular Electrophysiology, 2004, 15, 1317-1318.	1.7	0
104	Utilization of implantable cardioverter-defibrillators in survivors of cardiac arrest in the United States from 1996 to 2001. Journal of the American College of Cardiology, 2004, 44, 855-858.	2.8	66
105	Pharmacogenetic interactions between angiotensin-converting enzyme inhibitor therapy and the angiotensin-converting enzyme deletion polymorphism in patients with congestive heart failure. Journal of the American College of Cardiology, 2004, 44, 2019-2026.	2.8	149
106	Effect of the TNF-Î±â€“promoter polymorphism on cardiac allograft rejection. Journal of Heart and Lung Transplantation, 2004, 23, 696-700.	0.6	9
107	Mouse Models of Cardiac Arrhythmias. , 2004, , 433-443.		6
108	Detecting instabilities of cardiac rhythm. Journal of Electrocardiology, 2003, 36, 219-226.	0.9	6

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109	Autonomic Blockade Unmasks Maturational Differences in Rate-Dependent Atrioventricular Nodal Conduction and Facilitation in the Mouse. Journal of Cardiovascular Electrophysiology, 2003, 14, 191-195.	1.7	11
110	A second ACE of hearts. Journal of Molecular and Cellular Cardiology, 2003, 35, 1009-1010.	1.9	5
111	Transgenic overexpression of caveolin-3 in the heart induces a cardiomyopathic phenotype. Human Molecular Genetics, 2003, 13, 149-149.	2.9	0
112	Effect of the Asp298Variant of Endothelial Nitric Oxide Synthase on Survival for Patients With Congestive Heart Failure. Circulation, 2003, 107, 1598-1602.	1.6	103
113	Transgenic overexpression of caveolin-3 in the heart induces a cardiomyopathic phenotype. Human Molecular Genetics, 2003, 12, 2777-2788.	2.9	61
114	Calcium-dependent arrhythmias in transgenic mice with heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H431-H441.	3.2	107
115	Clinical and Molecular Heterogeneity in the Brugada Syndrome. Circulation, 2002, 105, 707-713.	1.6	238
116	Clinical Importance of ??-Adrenoceptor Polymorphisms in Cardiovascular Disease. Molecular Diagnosis and Therapy, 2002, 2, 73-78.	3.3	27
117	Presynaptic factors in the regulation of DSI expression in hippocampus. Neuropharmacology, 2002, 43, 550-562.	4.1	39
118	Strain-specific patterns of autonomic nervous system activity and heart failure susceptibility in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H2076-H2083.	3.2	67
119	Targeted Replacement of Kv1.5 in the Mouse Leads to Loss of the 4-Aminopyridineâ€“Sensitive Component of I _{K,slow} and Resistance to Drug-Induced QT Prolongation. Circulation Research, 2001, 88, 940-946.	4.5	105
120	Cardiac Arrhythmias: From (Transgenic) Mice to Men. Journal of Cardiovascular Electrophysiology, 2001, 12, 1089-1091.	1.7	117
121	Impairment of hypoxic pulmonary vasoconstriction in mice lacking the voltageâ€gated potassium channel Kv1.5. FASEB Journal, 2001, 15, 1801-1803.	0.5	138
122	Pharmacogenetic Interactions Between Î²-Blocker Therapy and the Angiotensin-Converting Enzyme Deletion Polymorphism in Patients With Congestive Heart Failure. Circulation, 2001, 103, 1644-1648.	1.6	196
123	Use of Transgenic and Gene-Targeted Mice to Study K+Channel Function in the Cardiovascular System. , 2001, , 177-191.		4
124	Taking the Gender Gap to Heart. Circulation Research, 2001, 89, 378-379.	4.5	1
125	Inducible polymorphic ventricular tachyarrhythmias in a transgenic mouse model with a long Q-T phenotype. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1891-H1898.	3.2	50
126	Enhanced Dispersion of Repolarization and Refractoriness in Transgenic Mouse Hearts Promotes Reentrant Ventricular Tachycardia. Circulation Research, 2000, 86, 396-407.	4.5	167

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127	Functional Consequences of Elimination of I _{to, f} and I _{to, s}. Circulation Research, 2000, 87, 73-79.	4.5	161
128	Molecular basis of transient outward K+current diversity in mouse ventricular myocytes. Journal of Physiology, 1999, 521, 587-599.	2.9	194
129	The transient outward current in mice lacking the potassium channel geneKv1.4. Journal of Physiology, 1998, 509, 171-182.	2.9	106
130	Characterization of a Slowly Inactivating Outward Current in Adult Mouse Ventricular Myocytes. Circulation Research, 1998, 83, 806-814.	4.5	90
131	Two Isoforms of the Mouse Ether-a-go-go â€“Related Gene Coassemble to Form Channels With Properties Similar to the Rapidly Activating Component of the Cardiac Delayed Rectifier K ⁺ Current. Circulation Research, 1997, 81, 870-878.	4.5	261
132	Recent advances in the Laboratory of Molecular and Cellular Cardiology. Annals of Thoracic Surgery, 1995, 60, S509-S512.	1.3	0