Lee L Eckhardt

List of Publications by Year
in descending order

37 papers	1,258 citations	535685 17 h-index	445137 33 g-index
38 all docs	38 docs citations	38 times ranked	2331 citing authors

#	Article	IF	Citations
1	Clinical and Functional Characterization of Ryanodine Receptor 2 Variants Implicated in Calcium-Release Deficiency Syndrome. JAMA Cardiology, 2022, 7, 84.	3.0	28
2	Arrhythmogenesis and Prolonged Repolarization From Synthetic Opioids: Finally Sorted?. Journal of the American Heart Association, 2022, 11, .	1.6	0
3	Mutation-Specific Differences in Kv7.1 (KCNQ1) and Kv11.1 (KCNH2) Channel Dysfunction and Long QT Syndrome Phenotypes. International Journal of Molecular Sciences, 2022, 23, 7389.	1.8	6
4	Into a Fluoroless Future: an Appraisal of Fluoroscopy-Free Techniques in Clinical Cardiac Electrophysiology. Current Cardiology Reports, 2021, 23, 28.	1.3	5
5	Long QT Syndrome KCNH2 Variant Induces hERG1a/1b Subunit Imbalance in Patient-Specific Induced Pluripotent Stem Cellâ€"Derived Cardiomyocytes. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009343.	2.1	13
6	Management of Congenital Long-QT Syndrome: Commentary From the Experts. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009726.	2.1	5
7	Evaluation for Myocarditis in Competitive Student Athletes Recovering From Coronavirus Disease 2019 With Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2021, 6, 945.	3.0	161
8	Cardiac potassium inward rectifier Kir2: Review of structure, regulation, pharmacology, and arrhythmogenesis. Heart Rhythm, 2021, 18, 1423-1434.	0.3	33
9	Proteomic Analysis of the Functional Inward Rectifier Potassium Channel (Kir) 2.1 Reveals Several Novel Phosphorylation Sites. Biochemistry, 2021, 60, 3292-3301.	1.2	5
10	Most myopathic lamin variants aggregate: a functional genomics approach for assessing variants of uncertain significance. Npj Genomic Medicine, 2021, 6, 103.	1.7	12
11	Machine Learning in CRT Outcomes. JACC: Clinical Electrophysiology, 2021, 7, 1516-1518.	1.3	1
12	Induced cardiac progenitor cells repopulate decellularized mouse heart scaffolds and differentiate to generate cardiac tissue. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118559.	1.9	21
13	Genetic Loss of I _{K1} Causes Adrenergic-Induced Phase 3 Early Afterdepolariz ations and Polymorphic and Bidirectional Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008638.	2.1	10
14	An International Multicenter Evaluation of Inheritance Patterns, Arrhythmic Risks, and Underlying Mechanisms ofCASQ2-Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation, 2020, 142, 932-947.	1.6	44
15	A rapid solubility assay of protein domain misfolding for pathogenicity assessment of rare DNA sequence variants. Genetics in Medicine, 2020, 22, 1642-1652.	1.1	8
16	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. Europace, 2020, 22, 1147-1148.	0.7	62
17	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. Journal of Arrhythmia, 2020, 36, 553-607.	0.5	40
18	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. Heart Rhythm, 2020, 17, e269-e316.	0.3	15

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19	Lifestyle and Risk Factor Modification for Reduction of Atrial Fibrillation: A Scientific Statement From the American Heart Association. Circulation, 2020, 141, e750-e772.	1.6	237
20	Shocking Aspects of Nonconductive Plastics. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007522.	2.1	0
21	Replacing Hardware With â€œViralwareâ€• Journal of the American College of Cardiology, 2019, 73, 1688-1690.	1.2	1
22	Inward Rectifier Potassium Channels (Kir2.x) and Caveolin-3 Domainâ€“Specific Interaction. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005800.	2.1	29
23	Machine Learning Algorithm Predicts Cardiac Resynchronization Therapy Outcomes. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005499.	2.1	86
24	Caveolin-3 Microdomain: Arrhythmia Implications for Potassium Inward Rectifier and Cardiac Sodium Channel. Frontiers in Physiology, 2018, 9, 1548.	1.3	30
25	Outcomes During Intended Fluoroscopy-free Ablation in Adults and Children. Journal of Innovations in Cardiac Rhythm Management, 2018, 10, 3305-3311.	0.2	12
26	Flecainide treats a novel KCNJ2 mutation associated with Andersen-Tawil syndrome. HeartRhythm Case Reports, 2017, 3, 151-154.	0.2	6
27	Injectable loop recorder implantation in an ambulatory setting by advanced practice providers: Analysis of outcomes. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 982-985.	0.5	14
28	Complexity of AF genetic susceptibility begets complexity of interpretation. Heart Rhythm, 2017, 14, 292-293.	0.3	0
29	I_{K1}-enhanced human-induced pluripotent stem cell-derived cardiomyocytes: an improved cardiomyocyte model to investigate inherited arrhythmia syndromes. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1611-H1621.	1.5	96
30	Monomorphic ventricular tachycardia in Brugada syndrome: True-true but related?. Heart Rhythm, 2016, 13, 683-685.	0.3	10
31	KCNJ2 mutation causes an adrenergic-dependent rectification abnormality with calcium sensitivity and ventricular arrhythmia. Heart Rhythm, 2014, 11, 885-894.	0.3	23
32	The Interaction of Caveolin 3 Protein with the Potassium Inward Rectifier Channel Kir2.1. Journal of Biological Chemistry, 2013, 288, 17472-17480.	1.6	45
33	Phenotype, genotype, and cellular physiology: Need for clarity in characterization. Heart Rhythm, 2012, 9, 1993-1994.	0.3	3
34	Is ranolazine an antiarrhythmic drug?. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1989-H1991.	1.5	9
35	KCNJ2 mutations in arrhythmia patients referred for LQT testing: A mutation T305A with novel effect on rectification properties. Heart Rhythm, 2007, 4, 323-329.	0.3	45
36	Protein trafficking abnormalities: a new mechanism in drug-induced long QT syndrome. British Journal of Pharmacology, 2005, 145, 3-4.	2.7	49

#	Article	IF	Citations
37	How Functional Genomics Can Keep Pace With VUS Identification. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	8