

Elisabeth M Lodder

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,983
citations

361413

20
h-index

289244

40
g-index

62
all docs

62
docs citations

62
times ranked

4184
citing authors

#	ARTICLE	IF	CITATIONS
1	Utility of Post-Mortem Genetic Testing in Cases of Sudden Arrhythmic Death Syndrome. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2134-2145.	2.8	219
2	Intercalated disc abnormalities, reduced Na ⁺ current density, and conduction slowing in desmoglein-2 mutant mice prior to cardiomyopathic changes. <i>Cardiovascular Research</i> , 2012, 95, 409-418.	3.8	180
3	HCN4 Mutations in Multiple Families With Bradycardia and Left Ventricular Noncompaction Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2014, 64, 745-756.	2.8	173
4	Clinical and Cytogenetic Analyses in Uveal Melanoma. , 2006, 47, 3703.		138
5	Genome-wide association of multiple complex traits in outbred mice by ultra-low-coverage sequencing. <i>Nature Genetics</i> , 2016, 48, 912-918.	21.4	124
6	The cardiac sodium channel gene SCN5A and its gene product NaV1.5: Role in physiology and pathophysiology. <i>Gene</i> , 2015, 573, 177-187.	2.2	123
7	Gene Expression Profiling in Uveal Melanoma: Two Regions on 3p Related to Prognosis. , 2008, 49, 4254.		70
8	Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. <i>Genome Biology</i> , 2017, 18, 170.	8.8	70
9	The Brugada Syndrome Susceptibility Gene <i>HEY2</i> Modulates Cardiac Transmural Ion Channel Patterning and Electrical Heterogeneity. <i>Circulation Research</i> , 2017, 121, 537-548.	4.5	63
10	Coxsackie and Adenovirus Receptor Is a Modifier of Cardiac Conduction and Arrhythmia Vulnerability in the Setting of Myocardial Ischemia. <i>Journal of the American College of Cardiology</i> , 2014, 63, 549-559.	2.8	58
11	GNB5 Mutations Cause an Autosomal-Recessive Multisystem Syndrome with Sinus Bradycardia and Cognitive Disability. <i>American Journal of Human Genetics</i> , 2016, 99, 704-710.	6.2	58
12	Switch From Fetal to Adult <i>SCN5A</i> Isoform in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Unmasks the Cellular Phenotype of a Conduction Disease-Causing Mutation. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	54
13	Dissection of a Quantitative Trait Locus for PR Interval Duration Identifies Tnni3k as a Novel Modulator of Cardiac Conduction. <i>PLoS Genetics</i> , 2012, 8, e1003113.	3.5	45
14	Systematic large-scale assessment of the genetic architecture of left ventricular noncompaction reveals diverse etiologies. <i>Genetics in Medicine</i> , 2021, 23, 856-864.	2.4	45
15	Genome-Wide Identification of Expression Quantitative Trait Loci (eQTLs) in Human Heart. <i>PLoS ONE</i> , 2014, 9, e97380.	2.5	44
16	Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. <i>Journal of Clinical Investigation</i> , 2019, 129, 3171-3184.	8.2	42
17	The yield of postmortem genetic testing in sudden death cases with structural findings at autopsy. <i>European Journal of Human Genetics</i> , 2020, 28, 17-22.	2.8	38
18	Gain-of-function mutation in SCN5A causes ventricular arrhythmias and early onset atrial fibrillation. <i>International Journal of Cardiology</i> , 2017, 236, 187-193.	1.7	30

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19	Sudden Cardiac Arrest and Rare Genetic Variants in the Community. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 147-153.	5.1	27
20	Homozygous frameshift mutations in FAT1 cause a syndrome characterized by colobomatous-microphthalmia, ptosis, nephropathy and syndactyly. <i>Nature Communications</i> , 2019, 10, 1180.	12.8	27
21	Aquaporin Channels in the Heart – Physiology and Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2039.	4.1	26
22	Dilation of the Aorta Ascendens Forms Part of the Clinical Spectrum of HCN4 Mutations. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2313-2315.	2.8	25
23	Targeting the Microtubule EB1-CLASP2 Complex Modulates Na ⁺ V _{1.5} at Intercalated Discs. <i>Circulation Research</i> , 2021, 129, 349-365.	4.5	23
24	Exome sequencing identifies primary carnitine deficiency in a family with cardiomyopathy and sudden death. <i>European Journal of Human Genetics</i> , 2017, 25, 783-787.	2.8	21
25	Genetic variation in <i>GNB5</i> causes bradycardia by increasing IK _{ACh} augmenting cholinergic response. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	19
26	Systems Genetics Approaches in Rat Identify Novel Genes and Gene Networks Associated With Cardiac Conduction. <i>Journal of the American Heart Association</i> , 2018, 7, e009243.	3.7	18
27	Supraventricular tachycardias, conduction disease, and cardiomyopathy in 3 families with the same rare variant in <i>TNNI3K</i> (p.Glu768Lys). <i>Heart Rhythm</i> , 2019, 16, 98-105.	0.7	18
28	A Novel Familial Cardiac Arrhythmia Syndrome with Widespread ST-Segment Depression. <i>New England Journal of Medicine</i> , 2018, 379, 1780-1781.	27.0	17
29	Mouse Models in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Frontiers in Physiology</i> , 2012, 3, 221.	2.8	16
30	<i>GATA6</i> mutations: Characterization of two novel patients and a comprehensive overview of the <i>GATA6</i> genotypic and phenotypic spectrum. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1836-1845.	1.2	16
31	Biallelic loss-of-function variants in <i>PLD1</i> cause congenital right-sided cardiac valve defects and neonatal cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	16
32	<i>TNNI3K</i> in cardiovascular disease and prospects for therapy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 167-173.	1.9	15
33	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. <i>Circulation Research</i> , 2022, 130, 166-180.	4.5	15
34	Deletion of 1 amino acid in Indian hedgehog leads to brachydactyly A1. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 2152-2154.	1.2	14
35	Arrhythmogenic Right Ventricular Cardiomyopathy: Growing Evidence for Complex Inheritance. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 525-527.	5.1	11
36	Integrative Genomic Approach Identifies Multiple Genes Involved in Cardiac Collagen Deposition. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 790-798.	5.1	10

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37	Histological, immunohistochemical and transcriptomic characterization of human tracheoesophageal fistulas. PLoS ONE, 2020, 15, e0242167.	2.5	10
38	The Diverse Roles of TNNI3K in Cardiac Disease and Potential for Treatment. International Journal of Molecular Sciences, 2021, 22, 6422.	4.1	9
39	A highly specific biomarker for Brugada syndrome. Also too good to be true?. European Heart Journal, 2020, 41, 2891-2893.	2.2	8
40	Implication of long-distance regulation of the HOXA cluster in a patient with postaxial polydactyly. Chromosome Research, 2009, 17, 737-44.	2.2	7
41	Discovery of predictors of sudden cardiac arrest in diabetes: rationale and outline of the RESCUED (REcognition of Sudden Cardiac arrest vUlnErability in Diabetes) project. Open Heart, 2021, 8, e001554.	2.3	5
42	The earliest events in <i>BRAF</i> mutant colorectal cancer: exome sequencing of sessile serrated lesions with a tiny focus dysplasia or cancer reveals recurring mutations in two distinct progression pathways. Journal of Pathology, 2022, 257, 239-249.	4.5	5
43	From Genome-Wide Association Studies to Cardiac Electrophysiology: Through the Maze of Biological Complexity. Frontiers in Physiology, 2020, 11, 557.	2.8	4
44	Seasonality of ventricular fibrillation at first myocardial infarction and association with viral exposure. PLoS ONE, 2020, 15, e0226936.	2.5	4
45	Complex Genetics of Cardiovascular Traits in Mice: F2-Mapping of QTLs and Their Underlying Genes. Methods in Molecular Biology, 2017, 1488, 431-454.	0.9	4
46	Clinical Assessment of the Pathogenicity of Unknown Variants in Long-QT Syndrome: Does the Pendulum Swing Back?. Journal of Cardiovascular Electrophysiology, 2012, 23, 643-644.	1.7	1
47	Genomics of cardiac electrical function. Briefings in Functional Genomics, 2014, 13, 39-50.	2.7	1
48	Two siblings with early repolarization syndrome: clinical and genetic characterization by whole-exome sequencing. Europace, 2021, 23, 775-780.	1.7	1
49	Pacing Discovery. Circulation Research, 2017, 120, 1524-1526.	4.5	0
50	Familial Disease Is Not Always Genetic: A Family With Atrioventricular Block and Mitral Regurgitation. Canadian Journal of Cardiology, 2017, 33, 554.e9-554.e11.	1.7	0
51	Letter by Vermeer et al Regarding Article, "Phenotypic Spectrum of HCN4 Mutations: A Clinical Case". Circulation Genomic and Precision Medicine, 2018, 11, e002160.	3.6	0
52	Biomarkers in inherited arrhythmias: necessity for validation and collaboration. European Heart Journal, 2020, 41, 4523-4524.	2.2	0
53	Title is missing!. , 2020, 15, e0226936.		0
54	Title is missing!. , 2020, 15, e0226936.		0

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55	Title is missing!. , 2020, 15, e0242167.		0
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58	Title is missing!.. , 2020, 15, e0242167.		0