

Sara N Koenig

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,121
citations

394421

19
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

1831
citing authors

#	ARTICLE	IF	CITATIONS
1	New mechanistic insights to PLOD1-mediated human vascular disease. <i>Translational Research</i> , 2022, 239, 1-17.	5.0	8
2	Altered Expression of Zonula occludens-1 Affects Cardiac Na ⁺ Channels and Increases Susceptibility to Ventricular Arrhythmias. <i>Cells</i> , 2022, 11, 665.	4.1	3
3	Inherited Variants in <i>SCARB1</i> Cause Severe Early-Onset Coronary Artery Disease. <i>Circulation Research</i> , 2021, 129, 296-307.	4.5	12
4	Giant ankyrin-G regulates cardiac function. <i>Journal of Biological Chemistry</i> , 2021, 296, 100507.	3.4	4
5	Arrhythmogenic Cardiomyopathy: Molecular Insights for Improved Therapeutic Design. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 21.	1.6	17
6	Mechanisms and Alterations of Cardiac Ion Channels Leading to Disease: Role of Ankyrin-B in Cardiac Function. <i>Biomolecules</i> , 2020, 10, 211.	4.0	19
7	Aberrant Expression of a Non-muscle RFX2 Isoform Triggers Cardiac Conduction Defects in Myotonic Dystrophy. <i>Developmental Cell</i> , 2020, 52, 748-763.e6.	7.0	31
8	Floppy Mitral Valve/Mitral Valve Prolapse (FMV/MVP): An unrevealed genotype-Phenotype relationship. <i>Hellenic Journal of Cardiology</i> , 2020, 61, 354-356.	1.0	1
9	Developmental origins for semilunar valve stenosis identified in mice harboring congenital heart disease-associated <i>GATA4</i> mutation. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	17
10	Defining new mechanistic roles for β -spectrin in cardiac function. <i>Journal of Biological Chemistry</i> , 2019, 294, 9576-9591.	3.4	9
11	MG53 Protein Protects Aortic Valve Interstitial Cells From Membrane Injury and Fibrocalcific Remodeling. <i>Journal of the American Heart Association</i> , 2019, 8, e009960.	3.7	19
12	Protein Phosphatase 2A Regulates Cardiac Na ⁺ Channels. <i>Circulation Research</i> , 2019, 124, 737-746.	4.5	34
13	Potential use of ivabradine for treatment of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 253-254.	1.7	1
14	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
15	Defining the molecular signatures of human right heart failure. <i>Life Sciences</i> , 2018, 196, 118-126.	4.3	23
16	β -IV-Spectrin regulates STAT3 targeting to tune cardiac response to pressure overload. <i>Journal of Clinical Investigation</i> , 2018, 128, 5561-5572.	8.2	36
17	Genetic basis of aortic valvular disease. <i>Current Opinion in Cardiology</i> , 2017, 32, 239-245.	1.8	22
18	The evolving role of ankyrin-B in cardiovascular disease. <i>Heart Rhythm</i> , 2017, 14, 1884-1889.	0.7	33

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19	Notch1 haploinsufficiency causes ascending aortic aneurysms in mice. JCI Insight, 2017, 2, .	5.0	44
20	Endothelial Notch1 Is Required for Proper Development of the Semilunar Valves and Cardiac Outflow Tract. Journal of the American Heart Association, 2016, 5, .	3.7	55
21	Dynamic Heterogeneity of the Heart Valve Interstitial Cell Population in Mitral Valve Health and Disease. Journal of Cardiovascular Development and Disease, 2015, 2, 214-232.	1.6	26
22	Evidence of Aortopathy in Mice with Haploinsufficiency of Notch1 in Nos3-Null Background. Journal of Cardiovascular Development and Disease, 2015, 2, 17-30.	1.6	28
23	MicroRNA miR145 Regulates TGFBR2 Expression and Matrix Synthesis in Vascular Smooth Muscle Cells. Circulation Research, 2015, 116, 23-34.	4.5	72
24	Pharmacological Inhibitor of Notch Signaling Stabilizes the Progression of Small Abdominal Aortic Aneurysm in a Mouse Model. Journal of the American Heart Association, 2014, 3, e001064.	3.7	50
25	Endothelial nitric oxide signaling regulates Notch1 in aortic valve disease. Journal of Molecular and Cellular Cardiology, 2013, 60, 27-35.	1.9	142
26	Congenital Heart Diseaseâ€“Causing Gata4 Mutation Displays Functional Deficits In Vivo. PLoS Genetics, 2012, 8, e1002690.	3.5	77
27	Inhibition of Notch1 Signaling Reduces Abdominal Aortic Aneurysm in Mice by Attenuating Macrophage-Mediated Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 3012-3023.	2.4	58
28	Submicroscopic Chromosomal Copy Number Variations Identified in Children With Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2012, 33, 757-763.	1.3	35
29	Inhibitory Role of Notch1 in Calcific Aortic Valve Disease. PLoS ONE, 2011, 6, e27743.	2.5	96
30	Identification of GATA6 Sequence Variants in Patients With Congenital Heart Defects. Pediatric Research, 2010, 68, 281-285.	2.3	105