

Sara N Koenig

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,121
citations

393982

19
h-index

433756

31
g-index

31
all docs

31
docs citations

31
times ranked

1831
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial nitric oxide signaling regulates Notch1 in aortic valve disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 60, 27-35.	0.9	142
2	Identification of GATA6 Sequence Variants in Patients With Congenital Heart Defects. <i>Pediatric Research</i> , 2010, 68, 281-285.	1.1	105
3	Inhibitory Role of Notch1 in Calcific Aortic Valve Disease. <i>PLoS ONE</i> , 2011, 6, e27743.	1.1	96
4	Congenital Heart Diseaseâ€‘Causing Gata4 Mutation Displays Functional Deficits In Vivo. <i>PLoS Genetics</i> , 2012, 8, e1002690.	1.5	77
5	MicroRNA miR145 Regulates TGFBR2 Expression and Matrix Synthesis in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2015, 116, 23-34.	2.0	72
6	Inhibition of Notch1 Signaling Reduces Abdominal Aortic Aneurysm in Mice by Attenuating Macrophage-Mediated Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 3012-3023.	1.1	58
7	Endothelial Notch1 Is Required for Proper Development of the Semilunar Valves and Cardiac Outflow Tract. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	55
8	Pharmacological Inhibitor of Notch Signaling Stabilizes the Progression of Small Abdominal Aortic Aneurysm in a Mouse Model. <i>Journal of the American Heart Association</i> , 2014, 3, e001064.	1.6	50
9	Notch1 haploinsufficiency causes ascending aortic aneurysms in mice. <i>JCI Insight</i> , 2017, 2, .	2.3	44
10	Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. <i>Journal of Clinical Investigation</i> , 2019, 129, 3171-3184.	3.9	42
11	Î²IV-Spectrin regulates STAT3 targeting to tune cardiac response to pressure overload. <i>Journal of Clinical Investigation</i> , 2018, 128, 5561-5572.	3.9	36
12	Submicroscopic Chromosomal Copy Number Variations Identified in Children With Hypoplastic Left Heart Syndrome. <i>Pediatric Cardiology</i> , 2012, 33, 757-763.	0.6	35
13	Protein Phosphatase 2A Regulates Cardiac Na ⁺ Channels. <i>Circulation Research</i> , 2019, 124, 737-746.	2.0	34
14	The evolving role of ankyrin-B in cardiovascular disease. <i>Heart Rhythm</i> , 2017, 14, 1884-1889.	0.3	33
15	Aberrant Expression of a Non-muscle RBFOX2 Isoform Triggers Cardiac Conduction Defects in Myotonic Dystrophy. <i>Developmental Cell</i> , 2020, 52, 748-763.e6.	3.1	31
16	Evidence of Aortopathy in Mice with Haploinsufficiency of Notch1 in Nos3-Null Background. <i>Journal of Cardiovascular Development and Disease</i> , 2015, 2, 17-30.	0.8	28
17	Dynamic Heterogeneity of the Heart Valve Interstitial Cell Population in Mitral Valve Health and Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2015, 2, 214-232.	0.8	26
18	Defining the molecular signatures of human right heart failure. <i>Life Sciences</i> , 2018, 196, 118-126.	2.0	23

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19	Genetic basis of aortic valvular disease. <i>Current Opinion in Cardiology</i> , 2017, 32, 239-245.	0.8	22
20	MG53 Protein Protects Aortic Valve Interstitial Cells From Membrane Injury and Fibrocalcific Remodeling. <i>Journal of the American Heart Association</i> , 2019, 8, e009960.	1.6	19
21	Mechanisms and Alterations of Cardiac Ion Channels Leading to Disease: Role of Ankyrin-B in Cardiac Function. <i>Biomolecules</i> , 2020, 10, 211.	1.8	19
22	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, .	1.2	17
23	Arrhythmogenic Cardiomyopathy: Molecular Insights for Improved Therapeutic Design. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 21.	0.8	17
24	Inherited Variants in <i>SCARB1</i> Cause Severe Early-Onset Coronary Artery Disease. <i>Circulation Research</i> , 2021, 129, 296-307.	2.0	12
25	Defining new mechanistic roles for β -spectrin in cardiac function. <i>Journal of Biological Chemistry</i> , 2019, 294, 9576-9591.	1.6	9
26	New mechanistic insights to PLOD1-mediated human vascular disease. <i>Translational Research</i> , 2022, 239, 1-17.	2.2	8
27	Giant ankyrin-G regulates cardiac function. <i>Journal of Biological Chemistry</i> , 2021, 296, 100507.	1.6	4
28	Altered Expression of Zonula occludens-1 Affects Cardiac Na ⁺ Channels and Increases Susceptibility to Ventricular Arrhythmias. <i>Cells</i> , 2022, 11, 665.	1.8	3
29	Potential use of ivabradine for treatment of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 253-254.	0.8	1
30	Floppy Mitral Valve/Mitral Valve Prolapse (FMV/MVP): An unrevealed genotype “ Phenotype relationship. <i>Hellenic Journal of Cardiology</i> , 2020, 61, 354-356.	0.4	1