Sebastian Clauss

List of Publications by Year
in descending order

46	3,457	236925 25	243625 44
papers	citations	h-index	g-index

47	47	47	6902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macrophages Facilitate Electrical Conduction in the Heart. Cell, 2017, 169, 510-522.e20.	28.9	703
2	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. Nature Genetics, 2012, 44, 670-675.	21.4	533
3	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
4	Stability of Circulating Blood-Based MicroRNAs â€“ Pre-Analytic Methodological Considerations. PLoS ONE, 2017, 12, e0167969.	2.5	247
5	MicroRNA29. Circulation, 2013, 127, 1466-1475.	1.6	222
6	Animal models of arrhythmia: classic electrophysiology to genetically modified large animals. Nature Reviews Cardiology, 2019, 16, 457-475.	13.7	131
7	Late Onset of Ccl2 Blockade with the Spiegelmer mNOX-E36â€“3â€²PEG Prevents Glomerulosclerosis and Improves Glomerular Filtration Rate in db/db Mice. American Journal of Pathology, 2008, 172, 628-637.	3.8	129
8	Ibrutinib-Mediated Atrial Fibrillation Attributable to Inhibition of C-Terminal Src Kinase. Circulation, 2020, 142, 2443-2455.	1.6	121
9	Animal Models of Atrial Fibrillation. Circulation Research, 2020, 127, 91-110.	4.5	82
10	MicroRNAs as Biomarkers for Acute Atrial Remodeling in Marathon Runners (The miRathon Study â€“ A) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	82
11	Molecular Mechanisms of Cardiac Remodeling and Regeneration in Physical Exercise. Cells, 2019, 8, 1128.	4.1	73
12	Impact of real-time contact force and impedance measurement in pulmonary vein isolation procedures for treatment of atrial fibrillation. Clinical Research in Cardiology, 2014, 103, 97-106.	3.3	63
13	Novel Mutation in FLNC (Filamin C) Causes Familial Restrictive Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	62
14	A Functional Variant Associated with Atrial Fibrillation Regulates PITX2c Expression through TFAP2a. American Journal of Human Genetics, 2016, 99, 1281-1291.	6.2	59
15	Diagnostic and prognostic value of miR-1 and miR-29b on adverse ventricular remodeling after acute myocardial infarction â€“ The SITAGRAMI-miR analysis. International Journal of Cardiology, 2017, 244, 30-36.	1.7	59
16	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. Genetics in Medicine, 2021, 23, 47-58.	2.4	57
17	Common variation in atrial fibrillation: navigating the path from genetic association to mechanism. Cardiovascular Research, 2016, 109, 493-501.	3.8	54
18	Porcine models for studying complications and organ crosstalk in diabetes mellitus. Cell and Tissue Research, 2020, 380, 341-378.	2.9	54

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19	Detailed characterization of microRNA changes in a canine heart failure model: Relationship to arrhythmogenic structural remodeling. Journal of Molecular and Cellular Cardiology, 2014, 77, 113-124.	1.9	47
20	Coding and non-coding variants in the SHOX2 gene in patients with early-onset atrial fibrillation. Basic Research in Cardiology, 2016, 111, 36.	5.9	45
21	Toll-Like Receptor Signaling and SIGIRR in Renal Fibrosis upon Unilateral Ureteral Obstruction. PLoS ONE, 2011, 6, e19204.	2.5	45
22	Detection of Antiâ€“Î²1-AR Autoantibodies in Heart Failure by a Cell-Based Competition ELISA. Circulation Research, 2012, 111, 675-684.	4.5	36
23	Ccl2/Mcpâ€1 blockade reduces glomerular and interstitial macrophages but does not ameliorate renal pathology in collagen4A3â€deficient mice with autosomal recessive Alport nephropathy. Journal of Pathology, 2009, 218, 40-47.	4.5	35
24	Trif is not required for immune complex glomerulonephritis: dying cells activate mesangial cells via Tlr2/Myd88 rather than Tlr3/Trif. American Journal of Physiology - Renal Physiology, 2009, 296, F867-F874.	2.7	33
25	The Role of MicroRNAs in Antiarrhythmic Therapy for Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 2015, 4, 146.	2.4	30
26	MicroRNAs as a diagnostic tool for heart failure and atrial fibrillation. Current Opinion in Pharmacology, 2016, 27, 24-30.	3.5	24
27	Functional Characterization of Rare Variants in the SHOX2 Gene Identified in Sinus Node Dysfunction and Atrial Fibrillation. Frontiers in Genetics, 2019, 10, 648.	2.3	21
28	Is Pitx2 Growing Up?. Circulation: Cardiovascular Genetics, 2011, 4, 105-107.	5.1	17
29	One-year clinical outcome after ablation with a novel multipolar irrigated ablation catheter for treatment of atrial fibrillation: potential implications for clinical use. Europace, 2016, 18, 1170-1178.	1.7	17
30	Mutation of a common amino acid in NKX2.5 results in dilated cardiomyopathy in two large families. BMC Medical Genetics, 2016, 17, 83.	2.1	14
31	Characterization of a porcine model of atrial arrhythmogenicity in the context of ischaemic heart failure. PLoS ONE, 2020, 15, e0232374.	2.5	13
32	Influence of polyphenol-rich diet on exercise-induced immunomodulation in male endurance athletes. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1023-1030.	1.9	10
33	A practical guide to setting up pig models for cardiovascular catheterization, electrophysiological assessment and heart disease research. Lab Animal, 2022, 51, 46-67.	0.4	10
34	Impact of polyphenols on physiological stress and cardiac burden in marathon runners â€“ results from a substudy of the BeMaGIC study. Applied Physiology, Nutrition and Metabolism, 2017, 42, 523-528.	1.9	8
35	Remote monitoring of implantable cardioverter-defibrillators. Herz, 2015, 40, 110-118.	1.1	7
36	Alteration of Endothelin 1, MCP-1 and Chromogranin A in patients with atrial fibrillation undergoing pulmonary vein isolation. PLoS ONE, 2017, 12, e0184337.	2.5	6

#	Article	IF	Citations
37	Precise Correction of Heterozygous SHOX2 Mutations in hiPSCs Derived from Patients with Atrial Fibrillation via Genome Editing and Sib Selection. Stem Cell Reports, 2020, 15, 999-1013.	4.8	6
38	Whole-Mount Immunofluorescence Staining, Confocal Imaging and 3D Reconstruction of the Sinoatrial and Atrioventricular Node in the Mouse. Journal of Visualized Experiments, 2020, , .	0.3	4
39	Genetic insight into sick sinus syndrome. Is there a pill for it or how far are we on the translational road to personalized medicine?. European Heart Journal, 2021, 42, 1972-1975.	2.2	3
40	Analyzing Long-Term Electrocardiography Recordings to Detect Arrhythmias in Mice. Journal of Visualized Experiments, 2021, , .	0.3	2
41	Non-coding RNA and Cardiac Electrophysiological Disorders. Advances in Experimental Medicine and Biology, 2020, 1229, 301-310.	1.6	2
42	Does Atrial Fibrillation Follow Function?. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1005-1006.	4.8	1
43	Genome-Wide Association Studies Revealing the Heritability of Common Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	1
44	Genetic Burden of Birthweight on Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2020, 13, e002987.	3.6	0
45	Isolation and Culture of Resident Cardiac Macrophages from the Murine Sinoatrial and Atrioventricular Node. Journal of Visualized Experiments, 2021, , .	0.3	0
46	Isolation of High Quality Murine Atrial and Ventricular Myocytes for Simultaneous Measurements of Ca²⁺ Transients and L-Type Calcium Current. Journal of Visualized Experiments, 2020, , .	0.3	0