

# Sebastian Clauss

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

3,457  
citations

270111

25  
h-index

274796

44  
g-index

47  
all docs

47  
docs citations

47  
times ranked

7515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages Facilitate Electrical Conduction in the Heart. <i>Cell</i> , 2017, 169, 510-522.e20.	13.5	703
2	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. <i>Nature Genetics</i> , 2012, 44, 670-675.	9.4	533
3	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	9.4	279
4	Stability of Circulating Blood-Based MicroRNAs – Pre-Analytic Methodological Considerations. <i>PLoS ONE</i> , 2017, 12, e0167969.	1.1	247
5	MicroRNA29. <i>Circulation</i> , 2013, 127, 1466-1475.	1.6	222
6	Animal models of arrhythmia: classic electrophysiology to genetically modified large animals. <i>Nature Reviews Cardiology</i> , 2019, 16, 457-475.	6.1	131
7	Late Onset of Ccl2 Blockade with the Spiegelmer mNOX-E36-3-PEG Prevents Glomerulosclerosis and Improves Glomerular Filtration Rate in db/db Mice. <i>American Journal of Pathology</i> , 2008, 172, 628-637.	1.9	129
8	Ibrutinib-Mediated Atrial Fibrillation Attributable to Inhibition of C-Terminal Src Kinase. <i>Circulation</i> , 2020, 142, 2443-2455.	1.6	121
9	Animal Models of Atrial Fibrillation. <i>Circulation Research</i> , 2020, 127, 91-110.	2.0	82
10	MicroRNAs as Biomarkers for Acute Atrial Remodeling in Marathon Runners (The miRathon Study – A Tj ETQq0 0,0 rgBT /Overlock 10	1.1	82
11	Molecular Mechanisms of Cardiac Remodeling and Regeneration in Physical Exercise. <i>Cells</i> , 2019, 8, 1128.	1.8	73
12	Impact of real-time contact force and impedance measurement in pulmonary vein isolation procedures for treatment of atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2014, 103, 97-106.	1.5	63
13	Novel Mutation in <i>FLNC</i> (Filamin C) Causes Familial Restrictive Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	62
14	A Functional Variant Associated with Atrial Fibrillation Regulates PITX2c Expression through TFAP2a. <i>American Journal of Human Genetics</i> , 2016, 99, 1281-1291.	2.6	59
15	Diagnostic and prognostic value of miR-1 and miR-29b on adverse ventricular remodeling after acute myocardial infarction – The SITAGRAMI-miR analysis. <i>International Journal of Cardiology</i> , 2017, 244, 30-36.	0.8	59
16	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. <i>Genetics in Medicine</i> , 2021, 23, 47-58.	1.1	57
17	Common variation in atrial fibrillation: navigating the path from genetic association to mechanism. <i>Cardiovascular Research</i> , 2016, 109, 493-501.	1.8	54
18	Porcine models for studying complications and organ crosstalk in diabetes mellitus. <i>Cell and Tissue Research</i> , 2020, 380, 341-378.	1.5	54

#	ARTICLE	IF	CITATIONS
19	Detailed characterization of microRNA changes in a canine heart failure model: Relationship to arrhythmogenic structural remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 113-124.	0.9	47
20	Coding and non-coding variants in the SHOX2 gene in patients with early-onset atrial fibrillation. <i>Basic Research in Cardiology</i> , 2016, 111, 36.	2.5	45
21	Toll-Like Receptor Signaling and SIGIRR in Renal Fibrosis upon Unilateral Ureteral Obstruction. <i>PLoS ONE</i> , 2011, 6, e19204.	1.1	45
22	Detection of Anti- $\beta_1$ -AR Autoantibodies in Heart Failure by a Cell-Based Competition ELISA. <i>Circulation Research</i> , 2012, 111, 675-684.	2.0	36
23	Ccl2/Mcp-1 blockade reduces glomerular and interstitial macrophages but does not ameliorate renal pathology in collagen4A3-deficient mice with autosomal recessive Alport nephropathy. <i>Journal of Pathology</i> , 2009, 218, 40-47.	2.1	35
24	Trif is not required for immune complex glomerulonephritis: dying cells activate mesangial cells via Tlr2/Myd88 rather than Tlr3/Trif. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F867-F874.	1.3	33
25	The Role of MicroRNAs in Antiarrhythmic Therapy for Atrial Fibrillation. <i>Arrhythmia and Electrophysiology Review</i> , 2015, 4, 146.	1.3	30
26	MicroRNAs as a diagnostic tool for heart failure and atrial fibrillation. <i>Current Opinion in Pharmacology</i> , 2016, 27, 24-30.	1.7	24
27	Functional Characterization of Rare Variants in the SHOX2 Gene Identified in Sinus Node Dysfunction and Atrial Fibrillation. <i>Frontiers in Genetics</i> , 2019, 10, 648.	1.1	21
28	Is Pitx2 Growing Up?. <i>Circulation: Cardiovascular Genetics</i> , 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. <i>Europace</i> , 2016, 18, 1170-1178.	0.7	17
30	Mutation of a common amino acid in NKX2.5 results in dilated cardiomyopathy in two large families. <i>BMC Medical Genetics</i> , 2016, 17, 83.	2.1	14
31	Characterization of a porcine model of atrial arrhythmogenicity in the context of ischaemic heart failure. <i>PLoS ONE</i> , 2020, 15, e0232374.	1.1	13
32	Influence of polyphenol-rich diet on exercise-induced immunomodulation in male endurance athletes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1023-1030.	0.9	10
33	A practical guide to setting up pig models for cardiovascular catheterization, electrophysiological assessment and heart disease research. <i>Lab Animal</i> , 2022, 51, 46-67.	0.2	10
34	Impact of polyphenols on physiological stress and cardiac burden in marathon runners – results from a substudy of the BeMaGIC study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 523-528.	0.9	8
35	Remote monitoring of implantable cardioverter-defibrillators. <i>Herz</i> , 2015, 40, 110-118.	0.4	7
36	Alteration of Endothelin 1, MCP-1 and Chromogranin A in patients with atrial fibrillation undergoing pulmonary vein isolation. <i>PLoS ONE</i> , 2017, 12, e0184337.	1.1	6

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37	Precise Correction of Heterozygous SHOX2 Mutations in hiPSCs Derived from Patients with Atrial Fibrillation via Genome Editing and Sib Selection. <i>Stem Cell Reports</i> , 2020, 15, 999-1013.	2.3	6
38	Whole-Mount Immunofluorescence Staining, Confocal Imaging and 3D Reconstruction of the Sinoatrial and Atrioventricular Node in the Mouse. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	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?. <i>European Heart Journal</i> , 2021, 42, 1972-1975.	1.0	3
40	Analyzing Long-Term Electrocardiography Recordings to Detect Arrhythmias in Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
41	Non-coding RNA and Cardiac Electrophysiological Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1229, 301-310.	0.8	2
42	Does Atrial Fibrillation Follow Function?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1005-1006.	2.1	1
43	Genome-Wide Association Studies Revealing the Heritability of Common Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	1
44	Genetic Burden of Birthweight on Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002987.	1.6	0
45	Isolation and Culture of Resident Cardiac Macrophages from the Murine Sinoatrial and Atrioventricular Node. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
46	Isolation of High Quality Murine Atrial and Ventricular Myocytes for Simultaneous Measurements of Ca <sup>2+</sup> Transients and L-Type Calcium Current. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	0