

# Georg Vogler

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,150  
citations

567281

15  
h-index

580821

25  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. <i>Science</i> , 2022, 375, eabk2432.	12.6	295
2	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
3	Visualizing the Beating Heart in <i>Drosophila</i> . <i>Journal of Visualized Experiments</i> , 2009, .	0.3	88
4	Tinman/Nkx2-5 acts via miR-1 and upstream of Cdc42 to regulate heart function across species. <i>Journal of Cell Biology</i> , 2011, 193, 1181-1196.	5.2	74
5	Timing of identity: spatiotemporal regulation of hunchback in neuroblast lineages of <i>Drosophila</i> by Seven-up and Prospero. <i>Development (Cambridge)</i> , 2006, 133, 429-437.	2.5	71
6	Methods to assess <i>Drosophila</i> heart development, function and aging. <i>Methods</i> , 2014, 68, 265-272.	3.8	70
7	Regulation of parkin and PINK1 by neddylation. <i>Human Molecular Genetics</i> , 2012, 21, 2514-2523.	2.9	60
8	Fluorescent Labeling of <i>Drosophila</i> Heart Structures. <i>Journal of Visualized Experiments</i> , 2009, .	0.3	50
9	Expression patterns of cardiac aging in <i>Drosophila</i> . <i>Aging Cell</i> , 2017, 16, 82-92.	6.7	50
10	Cellular Mechanisms of <i>Drosophila</i> Heart Morphogenesis. <i>Journal of Cardiovascular Development and Disease</i> , 2015, 2, 2-16.	1.6	36
11	<i>Cdc42</i> and formin activity control non-muscle myosin dynamics during <i>Drosophila</i> heart morphogenesis. <i>Journal of Cell Biology</i> , 2014, 206, 909-922.	5.2	30
12	Patient-specific genomics and cross-species functional analysis implicate LRP2 in hypoplastic left heart syndrome. <i>ELife</i> , 2020, 9, .	6.0	29
13	SmD1 Modulates the miRNA Pathway Independently of Its Pre-mRNA Splicing Function. <i>PLoS Genetics</i> , 2015, 11, e1005475.	3.5	26
14	Prolonged Exposure to Microgravity Reduces Cardiac Contractility and Initiates Remodeling in <i>Drosophila</i> . <i>Cell Reports</i> , 2020, 33, 108445.	6.4	22
15	<i>TNNT2</i> mutations in the tropomyosin binding region of TNT1 disrupt its role in contractile inhibition and stimulate cardiac dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18822-18831.	7.1	21
16	Model system identification of novel congenital heart disease gene candidates: focus on RPL13. <i>Human Molecular Genetics</i> , 2019, 28, 3954-3969.	2.9	19
17	Identification of <i>MYOM2</i> as a candidate gene in hypertrophic cardiomyopathy and tetralogy of fallot and its functional evaluation in the <i>Drosophila</i> heart. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	16
18	Non-autonomous modulation of heart rhythm, contractility and morphology in adult fruit flies. <i>Developmental Biology</i> , 2009, 328, 483-492.	2.0	15

#	ARTICLE	IF	CITATIONS
19	Conserved Role of the Large Conductance Calcium-Activated Potassium Channel, K <sub>Ca</sub> 1.1, in Sinus Node Function and Arrhythmia Risk. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003144.	3.6	14
20	The transcription factor Zfh1 is involved in the regulation of neuropeptide expression and growth of larval neuromuscular junctions in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2008, 319, 78-85.	2.0	12
21	Fat-body brummer lipase determines survival and cardiac function during starvation in <i>Drosophila melanogaster</i> . <i>IScience</i> , 2021, 24, 102288.	4.1	11
22	Overexpression of Kif1A in the Developing <i>Drosophila</i> Heart Causes Valvar and Contractility Defects: Implications for Human Congenital Heart Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 22.	1.6	5
23	A <i>Drosophila</i> model for congenital heart disease. <i>Drug Discovery Today: Disease Models</i> , 2009, 6, 47-54.	1.2	4
24	Depletion of cardiac cardiolipin synthase alters systolic and diastolic function. <i>IScience</i> , 2021, 24, 103314.	4.1	4
25	Quantifying Tissue-Specific Overexpression of FOXO in <i>Drosophila</i> via mRNA Fluorescence In Situ Hybridization Using Branched DNA Probe Technology. <i>Methods in Molecular Biology</i> , 2019, 1890, 171-190.	0.9	3
26	<i>Drosophila</i> Model of Congenital Heart Diseases. , 0, , .		1
27	Troponin-T Cardiomyopathy Mutations Depress its Inhibitory Properties, In Vitro, and Stimulate Myocardial Dysfunction, In Vivo. <i>Biophysical Journal</i> , 2019, 116, 114a.	0.5	0
28	Tinman/Nkx2-5 acts via miR-1 and upstream of Cdc42 to regulate heart function across species. <i>Journal of Experimental Medicine</i> , 2011, 208, i20-i20.	8.5	0