

Matthew J Wolf

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

781
citations

567281

15
h-index

552781

26
g-index

38
all docs

38
docs citations

38
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	β_1 -Adrenergic receptors stimulate cardiac contractility and CaMKII activation in vivo and enhance cardiac dysfunction following myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1377-H1386.	3.2	85
2	Mitochondria-localized AMPK responds to local energetics and contributes to exercise and energetic stress-induced mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	75
3	The two-pore domain potassium channel TREK-1 mediates cardiac fibrosis and diastolic dysfunction. <i>Journal of Clinical Investigation</i> , 2018, 128, 4843-4855.	8.2	62
4	Reduced life span with heart and muscle dysfunction in <i>Drosophila</i> sarcoglycan mutants. <i>Human Molecular Genetics</i> , 2007, 16, 2933-2943.	2.9	61
5	<i>Drosophila</i> , Genetic Screens, and Cardiac Function. <i>Circulation Research</i> , 2011, 109, 794-806.	4.5	51
6	Gene Deletion Screen for Cardiomyopathy in Adult <i>Drosophila</i> Identifies a New Notch Ligand. <i>Circulation Research</i> , 2010, 106, 1233-1243.	4.5	43
7	A Method to Measure Myocardial Calcium Handling in Adult <i>Drosophila</i> . <i>Circulation Research</i> , 2011, 108, 1306-1315.	4.5	36
8	SMAD signaling drives heart and muscle dysfunction in a <i>Drosophila</i> model of muscular dystrophy. <i>Human Molecular Genetics</i> , 2011, 20, 894-904.	2.9	35
9	<i>Drosophila melanogaster</i> as a model system for the genetics of postnatal cardiac function. <i>Drug Discovery Today: Disease Models</i> , 2008, 5, 117-123.	1.2	31
10	Raf-mediated cardiac hypertrophy in adult <i>Drosophila</i> . <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 964-76.	2.4	31
11	Reengineering a transmembrane protein to treat muscular dystrophy using exon skipping. <i>Journal of Clinical Investigation</i> , 2015, 125, 4186-4195.	8.2	29
12	Affecting Rhomboid-3 Function Causes a Dilated Heart in Adult <i>Drosophila</i> . <i>PLoS Genetics</i> , 2010, 6, e1000969.	3.5	27
13	Cardiac hypertrophy induced by active Raf depends on Yorkie-mediated transcription. <i>Science Signaling</i> , 2015, 8, ra13.	3.6	24
14	Cardiomyopathy Is Associated with Ribosomal Protein Gene Haplo-Insufficiency in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2011, 189, 861-870.	2.9	23
15	Obesity-associated cardiac dysfunction in starvation-selected <i>Drosophila melanogaster</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R658-R667.	1.8	22
16	High-content phenotypic assay for proliferation of human iPSC-derived cardiomyocytes identifies L-type calcium channels as targets. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 204-214.	1.9	20
17	Loss of Endogenously Cycling Adult Cardiomyocytes Worsens Myocardial Function. <i>Circulation Research</i> , 2021, 128, 155-168.	4.5	17
18	Serial Examination of an Inducible and Reversible Dilated Cardiomyopathy in Individual Adult <i>Drosophila</i> . <i>PLoS ONE</i> , 2009, 4, e7132.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Modeling Dilated Cardiomyopathies in Drosophila. Trends in Cardiovascular Medicine, 2012, 22, 55-61.	4.9	14
20	Endothelial Pannexin 1 Regulates Cardiac Response to Myocardial Infarction. Circulation Research, 2021, 128, 1211-1213.	4.5	14
21	Disruption of Sarcoendoplasmic Reticulum Calcium ATPase Function in Drosophila Leads to Cardiac Dysfunction. PLoS ONE, 2013, 8, e77785.	2.5	12
22	Inhibition of DYRK1a Enhances Cardiomyocyte Cycling After Myocardial Infarction. Circulation Research, 2022, 130, 1345-1361.	4.5	12
23	Suppression of store-operated calcium entry causes dilated cardiomyopathy of the <i>Drosophila</i> heart. Biology Open, 2020, 9, .	1.2	11
24	Galactokinase Is a Novel Modifier of Calcineurin-Induced Cardiomyopathy in <i>Drosophila</i> . Genetics, 2014, 198, 591-603.	2.9	10
25	Complexities of Genetic Testing in Familial Dilated Cardiomyopathy. Circulation: Cardiovascular Genetics, 2016, 9, 95-99.	5.1	6
26	Methods for the Detection of Altered β -Adrenergic Receptor Signaling Pathways in Hypertrophied Hearts. , 2005, 112, 353-362.		4
27	Deletion of Siah-interacting protein gene in Drosophila causes cardiomyopathy. Molecular Genetics and Genomics, 2012, 287, 351-360.	2.1	3
28	“HETE”ing up mitochondria in human heart failure. Journal of Biological Chemistry, 2018, 293, 130-131.	3.4	2
29	In Vivo Methods to Monitor Cardiomyocyte Proliferation. Journal of Cardiovascular Development and Disease, 2022, 9, 73.	1.6	2
30	SPARCling Study of a Drosophila Cardiomyopathy. Circulation: Cardiovascular Genetics, 2016, 9, 104-106.	5.1	1
31	Towards Understanding the Impact of Sarcomeric Gene Mutations —. JACC: Heart Failure, 2013, 1, 467-468.	4.1	0
32	Abstract 14688: TREK-1 Modulates Fibrosis & Diastolic Dysfunction Through Activation of Stress-Activated Kinases. Circulation, 2014, 130, .	1.6	0
33	Abstract 351: Suppression of Store Operated Ca ²⁺ Entry Components, dStim and dOrai, Results in Dilated Cardiomyopathy. Circulation Research, 2019, 125, .	4.5	0
34	Abstract 261: Evaluating MTCH2 as a Modifier of Cardiomyopathy. Circulation Research, 2020, 127, .	4.5	0
35	Abstract P397: <i>MTCH2</i> As A Modifier Of Cardiomyopathy. Circulation Research, 2021, 129, .	4.5	0