Heiko Meyer

List of Publications by Year
in descending order

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31	752	567281 15	552781 26
papers	citations	h-index	g-index

32	32	32	1044
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interplay between SERCA, 4E-BP, and eIF4E in the Drosophila heart. PLoS ONE, 2022, 17, e0267156.	2.5	6
2	Identification and bioinformatic analysis of neprilysin and neprilysin-like metalloendopeptidases in. MicroPublication Biology, 2021, 2021, .	0.1	0
3	The septate junction protein Mesh is required for epithelial morphogenesis, ion transport, and paracellular permeability in the Drosophila Malpighian tubule. American Journal of Physiology - Cell Physiology, 2020, 318, C675-C694.	4.6	16
4	A trimeric metazoan Rab7 GEF complex is crucial for endocytosis and scavenger function. Journal of Cell Science, 2020, 133, .	2.0	14
5	The septate junction protein Tetraspanin 2A is critical to the structure and function of Malpighian tubules inDrosophila melanogaster. American Journal of Physiology - Cell Physiology, 2020, 318, C1107-C1122.	4.6	14
6	Identification and In Vivo Characterisation of Cardioactive Peptides in Drosophila melanogaster. International Journal of Molecular Sciences, 2019, 20, 2.	4.1	43
7	Biosynthesis and assembly of the Collagen IV-like protein Pericardin inDrosophila melanogaster. Biology Open, 2018, 7, .	1.2	19
8	Evaluation of 2-point, 3-point, and 6-point Dixon magnetic resonance imaging with flexible echo timing for muscle fat quantification. European Journal of Radiology, 2018, 103, 57-64.	2.6	64
9	Distinct domains in the matricellular protein Lonely heart are crucial for cardiac extracellular matrix formation and heart function in Drosophila. Journal of Biological Chemistry, 2018, 293, 7864-7879.	3.4	14
10	Repeatability of Dixon magnetic resonance imaging and magnetic resonance spectroscopy for quantitative muscle fat assessments in the thigh. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 1093-1100.	7.3	62
11	SERCA is critical to control the Bowditch effect in the heart. Scientific Reports, 2018, 8, 12447.	3.3	16
12	APC/CFzr regulates cardiac and myoblast cell numbers and plays a crucial role during myoblast fusion. Journal of Cell Science, 2018, 131, .	2.0	4
13	Ammonia excretion in the marine polychaeteEurythoe complanata(Annelida). Journal of Experimental Biology, 2017, 220, 425-436.	1.7	18
14	Structural analysis of the branchiae and dorsal cirri in Eurythoe complanata (Annelida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Am	0.8	14
15	Formation and function of intracardiac valve cells in the Drosophila heart. Journal of Experimental Biology, 2017, 220, 1852-1863.	1.7	14
16	Drosophila neprilysins control insulin signaling and food intake via cleavage of regulatory peptides. ELife, 2016, 5, .	6.0	23
17	Adhesive pad differentiation in Drosophila melanogaster depends on the Polycomb group gene Su(z)2. Journal of Experimental Biology, 2015, 218, 1159-65.	1.7	5
18	The bHLH Transcription Factor Hand Regulates the Expression of Genes Critical to Heart and Muscle Function in Drosophila melanogaster. PLoS ONE, 2015, 10, e0134204.	2.5	11

#	Article	IF	Citations
19	RNA Protein Granules Modulate tau Isoform Expression and Induce Neuronal Sprouting. Journal of Biological Chemistry, 2014, 289, 16814-16825.	3.4	60
20	The bHLH transcription factor hand is required for proper wing heart formation in Drosophila. Developmental Biology, 2013, 381, 446-459.	2.0	17
21	The Conserved ADAMTS-like Protein Lonely heart Mediates Matrix Formation and Cardiac Tissue Integrity. PLoS Genetics, 2013, 9, e1003616.	3.5	48
22	Ammonia excretion in the freshwater planarianSchmidtea mediterranea. Journal of Experimental Biology, 2012, 215, 3242-53.	1.7	38
23	A novel role for the nonâ€catalytic intracellular domain of Neprilysins in muscle physiology. Biology of the Cell, 2012, 104, 553-568.	2.0	10
24	GBF1 (Gartenzwerg)-dependent secretion is required for Drosophila tubulogenesis. Journal of Cell Science, 2012, 125, 461-472.	2.0	37
25	Drosophila metalloproteases in development and differentiation: The role of ADAM proteins and their relatives. European Journal of Cell Biology, 2011, 90, 770-778.	3.6	22
26	Identification of an animal sucrose transporter. Journal of Cell Science, 2011, 124, 1984-1991.	2.0	57
27	Ammonia uptake in Manduca sexta midgut is mediated by an amiloride sensitive cation/proton exchanger: Transport studies and mRNA expression analysis of NHE7, 9, NHE8, and V-ATPase (subunit D). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 364-376.	1.8	21
28	The disintegrin and metalloprotease Meltrin from Drosophila forms oligomers via its protein binding domain and is regulated by the homeobox protein VND during embryonic development. Insect Biochemistry and Molecular Biology, 2010, 40, 814-823.	2.7	7
29	Neprilysin 4, a novel endopeptidase fromDrosophila melanogaster, displays distinct substrate specificities and exceptional solubility states. Journal of Experimental Biology, 2009, 212, 3673-3683.	1.7	26
30	NHE8 is an intracellular cation/H⁺exchanger in renal tubules of the yellow fever mosquitoAedes aegypti. American Journal of Physiology - Renal Physiology, 2009, 296, F730-F750.	2.7	50
31	K+ transport in the caterpillar intestine epithelium: role of osmolytes for the K+-secretory capacity of the tobacco hornworm midgut. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2004, 174, 527-39.	1.5	0