

# Heiko Meyer

## List of Publications by Year in descending order

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31  
papers

752  
citations

567281

15  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of 2-point, 3-point, and 6-point Dixon magnetic resonance imaging with flexible echo timing for muscle fat quantification. <i>European Journal of Radiology</i> , 2018, 103, 57-64.	2.6	64
2	Repeatability of Dixon magnetic resonance imaging and magnetic resonance spectroscopy for quantitative muscle fat assessments in the thigh. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 1093-1100.	7.3	62
3	RNA Protein Granules Modulate tau Isoform Expression and Induce Neuronal Sprouting. <i>Journal of Biological Chemistry</i> , 2014, 289, 16814-16825.	3.4	60
4	Identification of an animal sucrose transporter. <i>Journal of Cell Science</i> , 2011, 124, 1984-1991.	2.0	57
5	NHE8 is an intracellular cation/H <sup>+</sup> exchanger in renal tubules of the yellow fever mosquito <i>Aedes aegypti</i> . <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F730-F750.	2.7	50
6	The Conserved ADAMTS-like Protein Lonely heart Mediates Matrix Formation and Cardiac Tissue Integrity. <i>PLoS Genetics</i> , 2013, 9, e1003616.	3.5	48
7	Identification and In Vivo Characterisation of Cardioactive Peptides in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2.	4.1	43
8	Ammonia excretion in the freshwater planarian <i>Schmidtea mediterranea</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 3242-53.	1.7	38
9	GBF1 (Gartenzweg)-dependent secretion is required for <i>Drosophila</i> tubulogenesis. <i>Journal of Cell Science</i> , 2012, 125, 461-472.	2.0	37
10	Neprilysin 4, a novel endopeptidase from <i>Drosophila melanogaster</i> , displays distinct substrate specificities and exceptional solubility states. <i>Journal of Experimental Biology</i> , 2009, 212, 3673-3683.	1.7	26
11	<i>Drosophila</i> neprilysin control insulin signaling and food intake via cleavage of regulatory peptides. <i>ELife</i> , 2016, 5, .	6.0	23
12	<i>Drosophila</i> metalloproteases in development and differentiation: The role of ADAM proteins and their relatives. <i>European Journal of Cell Biology</i> , 2011, 90, 770-778.	3.6	22
13	Ammonia uptake in <i>Manduca sexta</i> 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). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2010, 157, 364-376.	1.8	21
14	Biosynthesis and assembly of the Collagen IV-like protein Pericardin in <i>Drosophila melanogaster</i> . <i>Biology Open</i> , 2018, 7, .	1.2	19
15	Ammonia excretion in the marine polychaete <i>Eurythoe complanata</i> (Annelida). <i>Journal of Experimental Biology</i> , 2017, 220, 425-436.	1.7	18
16	The bHLH transcription factor hand is required for proper wing heart formation in <i>Drosophila</i> . <i>Developmental Biology</i> , 2013, 381, 446-459.	2.0	17
17	SERCA is critical to control the Bowditch effect in the heart. <i>Scientific Reports</i> , 2018, 8, 12447.	3.3	16
18	The septate junction protein Mesh is required for epithelial morphogenesis, ion transport, and paracellular permeability in the <i>Drosophila</i> Malpighian tubule. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C675-C694.	4.6	16

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19	Structural analysis of the branchiae and dorsal cirri in <i>Eurythoe complanata</i> (Annelida). <i>Tj ETQq1</i> 1 0.784314 rgBT /Overlock 10 Tf 50 74	0.8	14
20	Formation and function of intracardiac valve cells in the <i>Drosophila</i> heart. <i>Journal of Experimental Biology</i> , 2017, 220, 1852-1863.	1.7	14
21	Distinct domains in the matricellular protein Lonely heart are crucial for cardiac extracellular matrix formation and heart function in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 7864-7879.	3.4	14
22	A trimeric metazoan Rab7 GEF complex is crucial for endocytosis and scavenger function. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	14
23	The septate junction protein Tetraspanin 2A is critical to the structure and function of Malpighian tubules in <i>Drosophila melanogaster</i> . <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C1107-C1122.	4.6	14
24	The bHLH Transcription Factor Hand Regulates the Expression of Genes Critical to Heart and Muscle Function in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2015, 10, e0134204.	2.5	11
25	A novel role for the non-catalytic intracellular domain of Neprilysins in muscle physiology. <i>Biology of the Cell</i> , 2012, 104, 553-568.	2.0	10
26	The disintegrin and metalloprotease Meltrin from <i>Drosophila</i> forms oligomers via its protein binding domain and is regulated by the homeobox protein VND during embryonic development. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 814-823.	2.7	7
27	Interplay between SERCA, 4E-BP, and eIF4E in the <i>Drosophila</i> heart. <i>PLoS ONE</i> , 2022, 17, e0267156.	2.5	6
28	Adhesive pad differentiation in <i>Drosophila melanogaster</i> depends on the Polycomb group gene <i>Su(z)2</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1159-65.	1.7	5
29	APC/CFzr regulates cardiac and myoblast cell numbers and plays a crucial role during myoblast fusion. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	4
30	K <sup>+</sup> transport in the caterpillar intestine epithelium: role of osmolytes for the K <sup>+</sup> -secretory capacity of the tobacco hornworm midgut. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2004, 174, 527-39.	1.5	0
31	Identification and bioinformatic analysis of neprilysin and neprilysin-like metalloendopeptidases in. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	0