

Tim Wollesen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

654
citations

18
h-index

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g-index

33
ext. papers

813
ext. citations

3.3
avg, IF

4.16
L-index

#	Paper	IF	Citations
32	Segmental mode of neural patterning in sipuncula. <i>Current Biology</i> , 2008 , 18, 1129-32	6.3	82
31	The evolution of molluscs. <i>Biological Reviews</i> , 2018 , 94, 102	13.5	54
30	Aplacophoran mollusks evolved from ancestors with polyplacophoran-like features. <i>Current Biology</i> , 2013 , 23, 2130-4	6.3	49
29	Pygmy squids and giant brains: mapping the complex cephalopod CNS by phalloidin staining of vibratome sections and whole-mount preparations. <i>Journal of Neuroscience Methods</i> , 2009 , 179, 63-7	3	45
28	Cephalopod genomics: A plan of strategies and organization. <i>Standards in Genomic Sciences</i> , 2012 , 7, 175-88		40
27	FMRamide gene and peptide expression during central nervous system development of the cephalopod mollusk, <i>Idiosepius notoides</i> . <i>Evolution & Development</i> , 2010 , 12, 113-30	2.6	36
26	Hox and ParaHox gene expression in early body plan patterning of polyplacophoran mollusks. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016 , 326, 89-104	1.8	27
25	The ParaHox gene <i>Gsx</i> patterns the apical organ and central nervous system but not the foregut in scaphopod and cephalopod mollusks. <i>EvoDevo</i> , 2015 , 6, 41	3.2	22
24	POU genes are expressed during the formation of individual ganglia of the cephalopod central nervous system. <i>EvoDevo</i> , 2014 , 5, 41	3.2	22
23	Expression of serotonin (5-HT) during CNS development of the cephalopod mollusk, <i>Idiosepius notoides</i> . <i>Cell and Tissue Research</i> , 2010 , 342, 161-78	4.2	22
22	Development of the nervous system in Solenogastres (Mollusca) reveals putative ancestral spiralian features. <i>EvoDevo</i> , 2014 , 5, 48	3.2	21
21	Mollusca 2015 , 103-153		20
20	Ancestral role of Pax2/5/8 in molluscan brain and multimodal sensory system development. <i>BMC Evolutionary Biology</i> , 2015 , 15, 231	3	20
19	Cellular and muscular growth patterns during sipunculan development. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2011 , 316B, 227-40	1.8	20
18	From complex to simple: myogenesis in an aplacophoran mollusk reveals key traits in aculiferan evolution. <i>BMC Evolutionary Biology</i> , 2015 , 15, 201	3	19
17	Analysis of neurotransmitter distribution in brain development of benthic and pelagic octopod cephalopods. <i>Journal of Morphology</i> , 2012 , 273, 776-90	1.6	19
16	Neurogenesis of cephalic sensory organs of <i>Aplysia californica</i> . <i>Cell and Tissue Research</i> , 2007 , 330, 361-72		19

15	Comparative 3D microanatomy and histology of the eyes and central nervous systems in coleoid cephalopod hatchlings. <i>Organisms Diversity and Evolution</i> , 2015 , 15, 37-64	1.7	18
14	Myogenesis in <i>Aplysia californica</i> (Cooper, 1863) (Mollusca, Gastropoda, Opisthobranchia) with special focus on muscular remodeling during metamorphosis. <i>Journal of Morphology</i> , 2008 , 269, 776-89	1.6	15
13	Brain regionalization genes are co-opted into shell field patterning in Mollusca. <i>Scientific Reports</i> , 2017 , 7, 5486	4.9	14
12	Staggered Hox expression is more widespread among molluscs than previously appreciated. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	14
11	The quagga mussel genome and the evolution of freshwater tolerance. <i>DNA Research</i> , 2019 , 26, 411-422	4.5	13
10	Spiral cleavage and early embryology of a loxosomatid entoproct and the usefulness of spiralian apical cross patterns for phylogenetic inferences. <i>BMC Developmental Biology</i> , 2012 , 12, 11	3.1	10
9	Ancestral and novel roles of Pax family genes in mollusks. <i>BMC Evolutionary Biology</i> , 2017 , 17, 81	3	9
8	Cell Proliferation Pattern and Twist Expression in an Aplousobranch Mollusk Argue Against Segmented Ancestry of Mollusca. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016 , 326, 422-436	1.8	9
7	The VD1/RPD2 β -neuropeptide is highly expressed in the brain of cephalopod mollusks. <i>Cell and Tissue Research</i> , 2012 , 348, 439-52	4.2	7
6	Expression of <i>six3</i> and <i>otx</i> in Solenogastres (Mollusca) supports an ancestral role in bilaterian anterior-posterior axis patterning. <i>Evolution & Development</i> , 2018 , 20, 17-28	2.6	4
5	The quagga mussel genome and the evolution of freshwater tolerance: Supplementary Material		3
4	Complete mitochondrial genomes of two scaphopod molluscs. <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3161-3162	0.5	1
3	Remnants of ancestral larval eyes in an eyeless mollusk? Molecular characterization of photoreceptors in the scaphopod. <i>EvoDevo</i> , 2019 , 10, 25	3.2	0
2	Methods in Brain Development of Molluscs. <i>Methods in Molecular Biology</i> , 2020 , 2047, 311-324	1.4	
1	Methods in brain development of molluscs. <i>Methods in Molecular Biology</i> , 2014 , 1082, 117-25	1.4	