Tim Wollesen

List of Publications by Year
in descending order

Version: 2024-02-01

31 papers	903 citations	394286 19 h-index	501076 28 g-index
33 all docs	33 docs citations	33 times ranked	740 citing authors

#	Article	IF	Citations
1	The evolution of molluscs. Biological Reviews, 2019, 94, 102-115.	4.7	104
2	Segmental Mode of Neural Patterning in Sipuncula. Current Biology, 2008, 18, 1129-1132.	1.8	93
3	Aplacophoran Mollusks Evolved from Ancestors with Polyplacophoran-like Features. Current Biology, 2013, 23, 2130-2134.	1.8	55
4	Cephalopod genomics: A plan of strategies and organization. Standards in Genomic Sciences, 2012, 7, 175-188.	1.5	53
5	Pygmy squids and giant brains: Mapping the complex cephalopod CNS by phalloidin staining of vibratome sections and whole-mount preparations. Journal of Neuroscience Methods, 2009, 179, 63-67.	1.3	52
6	FMRFamide gene and peptide expression during central nervous system development of the cephalopod mollusk, Idiosepius notoides. Evolution & Development, 2010, 12, 113-130.	1.1	49
7	Expression of serotonin (5-HT) during CNS development of the cephalopod mollusk, Idiosepius notoides. Cell and Tissue Research, 2010, 342, 161-178.	1.5	41
8	The quagga mussel genome and the evolution of freshwater tolerance. DNA Research, 2019, 26, 411-422.	1.5	40
9	Hox and ParaHox gene expression in early body plan patterning of polyplacophoran mollusks. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2016, 326, 89-104.	0.6	34
10	Ancestral role of Pax2/5/8 in molluscan brain and multimodal sensory system development. BMC Evolutionary Biology, 2015, 15, 231.	3.2	33
11	Comparative 3D microanatomy and histology of the eyes and central nervous systems in coleoid cephalopod hatchlings. Organisms Diversity and Evolution, 2015, 15, 37-64.	0.7	30
12	Brain regionalization genes are co-opted into shell field patterning in Mollusca. Scientific Reports, 2017, 7, 5486.	1.6	27
13	Cellular and muscular growth patterns during sipunculan development. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2011, 316B, 227-240.	0.6	26
14	The ParaHox gene Gsx patterns the apical organ and central nervous system but not the foregut in scaphopod and cephalopod mollusks. EvoDevo, 2015, 6, 41.	1.3	26
15	POU genes are expressed during the formation of individual ganglia of the cephalopod central nervous system. EvoDevo, 2014, 5, 41.	1.3	25
16	Mollusca. , 2015, , 103-153.		25
17	Analysis of neurotransmitter distribution in brain development of benthic and pelagic octopod cephalopods. Journal of Morphology, 2012, 273, 776-790.	0.6	24
18	Development of the nervous system in Solenogastres (Mollusca) reveals putative ancestral spiralian features. EvoDevo, 2014, 5, 48.	1.3	24

#	Article	IF	Citations
19	Staggered Hox expression is more widespread among molluscs than previously appreciated. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181513.	1.2	24
20	Neurogenesis of cephalic sensory organs of Aplysia californica. Cell and Tissue Research, 2007, 330, 361-379.	1.5	22
21	From complex to simple: myogenesis in an aplacophoran mollusk reveals key traits in aculiferan evolution. BMC Evolutionary Biology, 2015, 15, 201.	3.2	20
22	Myogenesis in Aplysia californica (Cooper, 1863) (Mollusca, Gastropoda, Opisthobranchia) with special focus on muscular remodeling during metamorphosis. Journal of Morphology, 2008, 269, 776-789.	0.6	19
23	Spiral cleavage and early embryology of a loxosomatid entoproct and the usefulness of spiralian apical cross patterns for phylogenetic inferences. BMC Developmental Biology, 2012, 12, 11.	2.1	13
24	Ancestral and novel roles of Pax family genes in mollusks. BMC Evolutionary Biology, 2017, 17, 81.	3.2	12
25	Cell Proliferation Pattern and Twist Expression in an Aplacophoran Mollusk Argue Against Segmented Ancestry of Mollusca. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2016, 326, 422-436.	0.6	10
26	The VD1/RPD2 Î±1-neuropeptide is highly expressed in the brain of cephalopod mollusks. Cell and Tissue Research, 2012, 348, 439-452.	1.5	8
27	Expression of six3 and otx in Solenogastres (Mollusca) supports an ancestral role in bilaterian anteriorâ€posterior axis patterning. Evolution & Development, 2018, 20, 17-28.	1.1	5
28	Remnants of ancestral larval eyes in an eyeless mollusk? Molecular characterization of photoreceptors in the scaphopod Antalis entalis. EvoDevo, 2019, 10, 25.	1.3	3
29	Complete mitochondrial genomes of two scaphopod molluscs. Mitochondrial DNA Part B: Resources, 2019, 4, 3161-3162.	0.2	1
30	Methods in Brain Development of Molluscs. Methods in Molecular Biology, 2014, 1082, 117-125.	0.4	0
31	Methods in Brain Development of Molluscs. Methods in Molecular Biology, 2020, 2047, 311-324.	0.4	0