Pavel Vopalensky

List of Publications by Year
in descending order

10 papers	1,068 citations	1162367 8 h-index	1372195 10 g-index
11 all docs	11 docs citations	11 times ranked	1348 citing authors

#	Article	IF	Citations
1	The amphioxus genome illuminates vertebrate origins and cephalochordate biology. Genome Research, 2008, 18, 1100-1111.	2.4	456
2	Melatonin Signaling Controls Circadian Swimming Behavior in Marine Zooplankton. Cell, 2014, 159, 46-57.	13.5	130
3	Assembly of the cnidarian camera-type eye from vertebrate-like components. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8989-8993.	3.3	118
4	Molecular analysis of the amphioxus frontal eye unravels the evolutionary origin of the retina and pigment cells of the vertebrate eye. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15383-15388.	3.3	115
5	Eye evolution: common use and independent recruitment of genetic components. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2819-2832.	1.8	100
6	Whole-organism cellular gene-expression atlas reveals conserved cell types in the ventral nerve cord of Platynereis dumerilii. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5878-5885.	3.3	66
7	Whole-Body Single-Cell Sequencing Reveals Transcriptional Domains in the Annelid Larval Body. Molecular Biology and Evolution, 2018, 35, 1047-1062.	3.5	48
8	From spiral cleavage to bilateral symmetry: the developmental cell lineage of the annelid brain. BMC Biology, 2019, 17, 81.	1.7	14
9	Reduced expression of the Nodal coreceptor Oep causes loss of mesendodermal competence in zebrafish. Development (Cambridge), 2018, 145, .	1.2	12
10	A lens-specific co-injection marker for medaka transgenesis. BioTechniques, 2010, 48, 235-236.	0.8	9