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List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

5,823
citations

279798

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330143

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all docs

47
docs citations

47
times ranked

7081
citing authors

#	ARTICLE	IF	CITATIONS
1	Two light sensors decode moonlight versus sunlight to adjust a plastic circadian/circalunidian clock to moon phase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	17
2	Metabo-tip: a metabolomics platform for lifestyle monitoring supporting the development of novel strategies in predictive, preventive and personalised medicine. EPMA Journal, 2021, 12, 141-153.	6.1	11
3	Jaws of <i>Platynereis dumerilii</i> : Miniature Biogenic Structures with Hardness Properties Similar to Those of Crystalline Metals. Jom, 2021, 73, 2390.	1.9	3
4	Characterization of cephalic and non-cephalic sensory cell types provides insight into joint photo- and mechanoreceptor evolution. ELife, 2021, 10, .	6.0	10
5	The Nereid on the rise: <i>Platynereis</i> as a model system. EvoDevo, 2021, 12, 10.	3.2	34
6	Isthmin1, a secreted signaling protein, acts downstream of diverse embryonic patterning centers in development. Cell and Tissue Research, 2021, 383, 987-1002.	2.9	4
7	The cytokine MIF controls daily rhythms of symbiont nutrition in an animalâ€“bacterial association. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27578-27586.	7.1	6
8	A versatile depigmentation, clearing, and labeling method for exploring nervous system diversity. Science Advances, 2020, 6, eaba0365.	10.3	56
9	Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in <i>Platynereis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1097-1106.	7.1	50
10	A scalable culturing system for the marine annelid <i>Platynereis dumerilii</i> . PLoS ONE, 2019, 14, e0226156.	2.5	19
11	Combined transcriptome and proteome profiling reveals specific molecular brain signatures for sex, maturation and circalunar clock phase. ELife, 2019, 8, .	6.0	51
12	Establishment of Transgenesis in the Demosponge <i>Suberites domuncula</i> . Genetics, 2018, 210, 435-443.	2.9	18
13	An Overview of Monthly Rhythms and Clocks. Frontiers in Neurology, 2017, 8, 189.	2.4	75
14	Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. ELife, 2016, 5, .	6.0	34
15	Tools for Gene-Regulatory Analyses in the Marine Annelid <i>Platynereis dumerilii</i> . PLoS ONE, 2014, 9, e93076.	2.5	19
16	Early Divergence, Broad Distribution, and High Diversity of Animal Chitin Synthases. Genome Biology and Evolution, 2014, 6, 316-325.	2.5	63
17	TALENs Mediate Efficient and Heritable Mutation of Endogenous Genes in the Marine Annelid <i>Platynereis dumerilii</i> . Genetics, 2014, 197, 77-89.	2.9	52
18	Genetic and Genomic Tools for the Marine Annelid <i>Platynereis dumerilii</i> . Genetics, 2014, 197, 19-31.	2.9	63

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19	It's about time: Rhythms as a new dimension of molecular marine research. <i>Marine Genomics</i> , 2014, 14, 1-2.	1.1	1
20	<i>Platynereis dumerilii</i> . <i>Current Biology</i> , 2014, 24, R676-R677.	3.9	12
21	17 β -Estradiol induces supernumerary primordial germ cells in embryos of the polychaete <i>Platynereis dumerilii</i> . <i>General and Comparative Endocrinology</i> , 2014, 196, 52-61.	1.8	17
22	Stable transgenesis in the marine annelid <i>Platynereis dumerilii</i> sheds new light on photoreceptor evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 193-198.	7.1	126
23	Conditional and Specific Cell Ablation in the Marine Annelid <i>Platynereis dumerilii</i> . <i>PLoS ONE</i> , 2013, 8, e75811.	2.5	15
24	Another place, another timer: Marine species and the rhythms of life. <i>BioEssays</i> , 2011, 33, 165-172.	2.5	159
25	Ancient animal microRNAs and the evolution of tissue identity. <i>Nature</i> , 2010, 463, 1084-1088.	27.8	271
26	Metazoan Complexity. , 2010, , 143-178.		0
27	Features of the ancestral bilaterian inferred from <i>Platynereis dumerilii</i> ParaHox genes. <i>BMC Biology</i> , 2009, 7, 43.	3.8	58
28	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255
29	Molecular Architecture of Annelid Nerve Cord Supports Common Origin of Nervous System Centralization in Bilateria. <i>Cell</i> , 2007, 129, 277-288.	28.9	406
30	Conserved Sensory-Neurosecretory Cell Types in Annelid and Fish Forebrain: Insights into Hypothalamus Evolution. <i>Cell</i> , 2007, 129, 1389-1400.	28.9	344
31	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i> . <i>Science</i> , 2006, 314, 941-952.	12.6	1,018
32	Opsins and clusters of sensory G-protein-coupled receptors in the sea urchin genome. <i>Developmental Biology</i> , 2006, 300, 461-475.	2.0	153
33	Ancestry of Photic and Mechanic Sensation?. <i>Science</i> , 2005, 308, 1113-1114.	12.6	33
34	Vertebrate-Type Intron-Rich Genes in the Marine Annelid <i>Platynereis dumerilii</i> . <i>Science</i> , 2005, 310, 1325-1326.	12.6	244
35	Metazoan Evolution: Some Animals Are More Equal than Others. <i>Current Biology</i> , 2004, 14, R106-R108.	3.9	43
36	Divide et Impera – the midbrain-hindbrain boundary and its organizer. <i>Trends in Neurosciences</i> , 2004, 27, 727-734.	8.6	95

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37	Metazoan evolution: some animals are more equal than others. <i>Current Biology</i> , 2004, 14, R106-8.	3.9	18
38	Tight transcriptional control of the ETS domain factors Erm and Pea3 by Fgf signaling during early zebrafish development. <i>Mechanisms of Development</i> , 2001, 107, 105-117.	1.7	222
39	Stabilization of Chromatin Structure by PRC1, a Polycomb Complex. <i>Cell</i> , 1999, 98, 37-46.	28.9	735