

Florian Raible

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

5,823
citations

279798

23
h-index

330143

37
g-index

47
all docs

47
docs citations

47
times ranked

7081
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255
2	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i> . <i>Science</i> , 2006, 314, 941-952.	12.6	1,018
3	Stabilization of Chromatin Structure by PRC1, a Polycomb Complex. <i>Cell</i> , 1999, 98, 37-46.	28.9	735
4	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
5	Conserved Sensory-Neurosecretory Cell Types in Annelid and Fish Forebrain: Insights into Hypothalamus Evolution. <i>Cell</i> , 2007, 129, 1389-1400.	28.9	344
6	Ancient animal microRNAs and the evolution of tissue identity. <i>Nature</i> , 2010, 463, 1084-1088.	27.8	271
7	Vertebrate-Type Intron-Rich Genes in the Marine Annelid <i>Platynereis dumerilii</i> . <i>Science</i> , 2005, 310, 1325-1326.	12.6	244
8	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
9	Another place, another timer: Marine species and the rhythms of life. <i>BioEssays</i> , 2011, 33, 165-172.	2.5	159
10	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
11	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
12	Divide et Impera – the midbrain–hindbrain boundary and its organizer. <i>Trends in Neurosciences</i> , 2004, 27, 727-734.	8.6	95
13	An Overview of Monthly Rhythms and Clocks. <i>Frontiers in Neurology</i> , 2017, 8, 189.	2.4	75
14	Early Divergence, Broad Distribution, and High Diversity of Animal Chitin Synthases. <i>Genome Biology and Evolution</i> , 2014, 6, 316-325.	2.5	63
15	Genetic and Genomic Tools for the Marine Annelid <i>Platynereis dumerilii</i> . <i>Genetics</i> , 2014, 197, 19-31.	2.9	63
16	Features of the ancestral bilaterian inferred from <i>Platynereis dumerilii</i> ParaHox genes. <i>BMC Biology</i> , 2009, 7, 43.	3.8	58
17	A versatile depigmentation, clearing, and labeling method for exploring nervous system diversity. <i>Science Advances</i> , 2020, 6, eaba0365.	10.3	56
18	TALENs Mediate Efficient and Heritable Mutation of Endogenous Genes in the Marine Annelid <i>Platynereis dumerilii</i> . <i>Genetics</i> , 2014, 197, 77-89.	2.9	52

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19	Combined transcriptome and proteome profiling reveals specific molecular brain signatures for sex, maturation and circalunar clock phase. <i>ELife</i> , 2019, 8, .	6.0	51
20	Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in <i>Platynereis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1097-1106.	7.1	50
21	Metazoan Evolution: Some Animals Are More Equal than Others. <i>Current Biology</i> , 2004, 14, R106-R108.	3.9	43
22	Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. <i>ELife</i> , 2016, 5, .	6.0	34
23	The Nereid on the rise: <i>Platynereis</i> as a model system. <i>EvoDevo</i> , 2021, 12, 10.	3.2	34
24	Ancestry of Photic and Mechanic Sensation?. <i>Science</i> , 2005, 308, 1113-1114.	12.6	33
25	Tools for Gene-Regulatory Analyses in the Marine Annelid <i>Platynereis dumerilii</i> . <i>PLoS ONE</i> , 2014, 9, e93076.	2.5	19
26	A scalable culturing system for the marine annelid <i>Platynereis dumerilii</i> . <i>PLoS ONE</i> , 2019, 14, e0226156.	2.5	19
27	Establishment of Transgenesis in the Demosponge <i>Suberites domuncula</i> . <i>Genetics</i> , 2018, 210, 435-443.	2.9	18
28	Metazoan evolution: some animals are more equal than others. <i>Current Biology</i> , 2004, 14, R106-8.	3.9	18
29	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
30	Two light sensors decode moonlight versus sunlight to adjust a plastic circadian/circalunidian clock to moon phase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
31	Conditional and Specific Cell Ablation in the Marine Annelid <i>Platynereis dumerilii</i> . <i>PLoS ONE</i> , 2013, 8, e75811.	2.5	15
32	<i>Platynereis dumerilii</i> . <i>Current Biology</i> , 2014, 24, R676-R677.	3.9	12
33	Metabo-tip: a metabolomics platform for lifestyle monitoring supporting the development of novel strategies in predictive, preventive and personalised medicine. <i>EPMA Journal</i> , 2021, 12, 141-153.	6.1	11
34	Characterization of cephalic and non-cephalic sensory cell types provides insight into joint photo- and mechanoreceptor evolution. <i>ELife</i> , 2021, 10, .	6.0	10
35	The cytokine MIF controls daily rhythms of symbiont nutrition in an animal-bacterial association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27578-27586.	7.1	6
36	<i>Isthmin1</i> , a secreted signaling protein, acts downstream of diverse embryonic patterning centers in development. <i>Cell and Tissue Research</i> , 2021, 383, 987-1002.	2.9	4

#	ARTICLE	IF	CITATIONS
37	Jaws of <i>Platynereis dumerilii</i> : Miniature Biogenic Structures with Hardness Properties Similar to Those of Crystalline Metals. <i>Jom</i> , 2021, 73, 2390.	1.9	3
38	It's about time: Rhythms as a new dimension of molecular marine research. <i>Marine Genomics</i> , 2014, 14, 1-2.	1.1	1
39	Metazoan Complexity. , 2010, , 143-178.		0