

# Philipp H Schiffer

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

775  
citations

623734

14  
h-index

677142

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and evolutionary history of a large family of NLR proteins in the zebrafish. <i>Open Biology</i> , 2016, 6, 160009.	3.6	143
2	Mitigating Anticipated Effects of Systematic Errors Supports Sister-Group Relationship between Xenacoelomorpha and Ambulacraria. <i>Current Biology</i> , 2019, 29, 1818-1826.e6.	3.9	120
3	Evolutionary analysis indicates that DNA alkylation damage is a byproduct of cytosine DNA methyltransferase activity. <i>Nature Genetics</i> , 2018, 50, 452-459.	21.4	71
4	959 Nematode Genomes: a semantic wiki for coordinating sequencing projects. <i>Nucleic Acids Research</i> , 2012, 40, D1295-D1300.	14.5	44
5	The genome of <i>Romanomermis culicivorax</i> : revealing fundamental changes in the core developmental genetic toolkit in Nematoda. <i>BMC Genomics</i> , 2013, 14, 923.	2.8	43
6	Orthonectids Are Highly Degenerate Annelid Worms. <i>Current Biology</i> , 2018, 28, 1970-1974.e3.	3.9	31
7	Genome analysis of <i>Diploscapter coronatus</i> : insights into molecular peculiarities of a nematode with parthenogenetic reproduction. <i>BMC Genomics</i> , 2017, 18, 478.	2.8	30
8	Computational discovery of hidden breaks in 28S ribosomal RNAs across eukaryotes and consequences for RNA Integrity Numbers. <i>Scientific Reports</i> , 2019, 9, 19477.	3.3	29
9	The cnidarian <i>Hydractinia echinata</i> employs canonical and highly adapted histones to pack its DNA. <i>Epigenetics and Chromatin</i> , 2016, 9, 36.	3.9	28
10	Functional studies on the role of Notch signaling in <i>Hydractinia</i> development. <i>Developmental Biology</i> , 2017, 428, 224-231.	2.0	28
11	Endorsing Darwin: global biogeography of the epipelagic goose barnacles <i>Lepas</i> spp. ( <i>Cirripedia</i> ). <i>Trends in Ecology and Evolution</i> , 2019, 30, 107-114.	2.3	27
12	Signatures of the Evolution of Parthenogenesis and Cryptobiosis in the Genomes of Panagrolaimid Nematodes. <i>IScience</i> , 2019, 21, 587-602.	4.1	27
13	Systematic errors in orthology inference and their effects on evolutionary analyses. <i>IScience</i> , 2021, 24, 102110.	4.1	27
14	Evolutionary dynamics of transposable elements in bdelloid rotifers. <i>ELife</i> , 2021, 10, .	6.0	26
15	The mitochondrial genomes of the acoelomorph worms <i>Paratomella rubra</i> , <i>Isodiametra pulchra</i> and <i>Archaphanostoma ylva</i> . <i>Scientific Reports</i> , 2017, 7, 1847.	3.3	22
16	The gene regulatory program of <i>Acroboloides nanus</i> reveals conservation of phylum-specific expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4459-4464.	7.1	20
17	Fitness Landscape of the Fission Yeast Genome. <i>Molecular Biology and Evolution</i> , 2019, 36, 1612-1623.	8.9	12
18	Developmental variations among Panagrolaimid nematodes indicate developmental system drift within a small taxonomic unit. <i>Development Genes and Evolution</i> , 2014, 224, 183-188.	0.9	10

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19	Ultra Large Gene Families: A Matter of Adaptation or Genomic Parasites?. <i>Life</i> , 2016, 6, 32.	2.4	9
20	Differences in the genetic control of early egg development and reproduction between <i>C. elegans</i> and its parthenogenetic relative <i>D. coronatus</i> . <i>EvoDevo</i> , 2017, 8, 16.	3.2	4
21	The mitochondrial genomes of the mesozoans <i>Intoshia linei</i> , <i>Dicyemasp.</i> and <i>Dicyema japonicum</i> . <i>Parasitology Open</i> , 2018, 4, .	0.9	2
22	Conserved Patterns in Developmental Processes and Phases, Rather than Genes, Unite the Highly Divergent Bilateria. <i>Life</i> , 2020, 10, 182.	2.4	2