

Holger Herlyn

List of Publications by Year in descending order

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papers

930
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623734

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#	ARTICLE	IF	CITATIONS
1	Platyzoan Paraphyly Based on Phylogenomic Data Supports a Noncoelomate Ancestry of Spiralia. <i>Molecular Biology and Evolution</i> , 2014, 31, 1833-1849.	8.9	160
2	The syndermatan phylogeny and the evolution of acanthocephalan endoparasitism as inferred from 18S rDNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 155-164.	2.7	111
3	Spiralian Phylogenomics Supports the Resurrection of Bryozoa Comprising Ectoprocta and Entoprocta. <i>Molecular Biology and Evolution</i> , 2007, 24, 2723-2729.	8.9	105
4	Phylogenetic analyses of endoparasitic Acanthocephala based on mitochondrial genomes suggest secondary loss of sensory organs. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 182-189.	2.7	49
5	Platyzoan mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 365-375.	2.7	45
6	EST based phylogenomics of Syndermata questions monophyly of Eurotatoria. <i>BMC Evolutionary Biology</i> , 2008, 8, 345.	3.2	44
7	Support for the monophyletic origin of Gnathifera from phylogenomics. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 1037-1041.	2.7	44
8	Transcriptome Data Reveal Syndermatan Relationships and Suggest the Evolution of Endoparasitism in Acanthocephala via an Epizoic Stage. <i>PLoS ONE</i> , 2014, 9, e88618.	2.5	40
9	Phylogeny of Syndermata (syn. Rotifera): Mitochondrial gene order verifies epizoic Seisonidea as sister to endoparasitic Acanthocephala within monophyletic Hemirotifera. <i>Molecular Phylogenetics and Evolution</i> , 2016, 96, 79-92.	2.7	35
10	Organisation of the praesoma of <i>Paratenuisentis ambiguus</i> (Van Cleave, 1921) (Acanthocephala: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Parasitology, 2001, 50, 105-116.	1.1	34
11	SEQUENCE EVOLUTION OF THE SPERM LIGAND ZONADHESIN CORRELATES NEGATIVELY WITH BODY WEIGHT DIMORPHISM IN PRIMATES. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 289-298.	2.3	32
12	Phylointeractomics reconstructs functional evolution of protein binding. <i>Nature Communications</i> , 2017, 8, 14334.	12.8	26
13	The molecular evolution of sperm zonadhesin. <i>International Journal of Developmental Biology</i> , 2008, 52, 781-790.	0.6	24
14	The genome, transcriptome, and proteome of the fish parasite <i>Pomphorhynchus laevis</i> (Acanthocephala). <i>PLoS ONE</i> , 2020, 15, e0232973.	2.5	19
15	First description of an apical epidermis cone in <i>Paratenuisentis ambiguus</i> (Acanthocephala: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.6	14
16	Correlates of evolutionary rates in the murine sperm proteome. <i>BMC Evolutionary Biology</i> , 2018, 18, 35.	3.2	14
17	Evolutionary anatomy of the muscular apparatus involved in the anchoring of Acanthocephala to the intestinal wall of their vertebrate hosts. <i>Parasitology Research</i> , 2017, 116, 1207-1225.	1.6	13
18	Identification of a positively evolving putative binding region with increased variability in posttranslational motifs in zonadhesin MAM domain 2. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 62-72.	2.7	12

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19	Mating systems and protein-protein interactions determine evolutionary rates of primate sperm proteins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132607.	2.6	12
20	Thorny-Headed Worms (Acanthocephala): Jaw-Less Members of Jaw-Bearing Worms That Parasitize Jawed Arthropods and Jawed Vertebrates. <i>Topics in Geobiology</i> , 2021, , 273-313.	0.5	12
21	Sexual size dimorphism predicts rates of sequence evolution of Sperm Adhesion Molecule 1 (SPAM1). <i>Trends in Ecology and Evolution</i> , 2012, 63, 52-63.	2.7	11
22	Description of <i>Acanthocephalus anguillae balkanicus</i> subsp. n. (Acanthocephala: Echinorhynchidae) from <i>Proteus anguinus</i> Laurenti (Amphibia: Proteidae) and the cave ecomorph of <i>Asellus aquaticus</i> (Crustacea: Asellidae) in Slovenia. <i>Folia Parasitologica</i> , 2019, 66, .	1.3	11
23	Sequence evolution, processing, and posttranslational modification of zonadhesin D domains in primates, as inferred from cDNA data. <i>Gene</i> , 2005, 362, 85-97.	2.2	9
24	Tandem Repetitive D Domains of the Sperm Ligand Zonadhesin Evolve Faster in the Parologue Than in the Orthologue Comparison. <i>Journal of Molecular Evolution</i> , 2006, 63, 602-611.	1.8	9
25	Cellular Prion Protein (PrPc) and Hypoxia: True to Each Other in Good Times and in Bad, in Sickness, and in Health. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 292.	3.7	9
26	Effects of different kinds of essentiality on sequence evolution of human testis proteins. <i>Scientific Reports</i> , 2017, 7, 43534.	3.3	9
27	Positive selection at codon 38 of the human KCNE1 (= minK) gene and sporadic absence of 38Ser-coding mRNAs in Gly38Ser heterozygotes. <i>BMC Evolutionary Biology</i> , 2009, 9, 188.	3.2	6
28	The phylogenetic system of primates' character evolution in the light of a consolidated tree. <i>Organisms Diversity and Evolution</i> , 2016, 16, 689-713.	1.6	6
29	Genomics and transcriptomics of epizoic Seisonidea (Rotifera, syn. Syndermata) reveal strain formation and gradual gene loss with growing ties to the host. <i>BMC Genomics</i> , 2021, 22, 604.	2.8	6
30	Enigmatic Gnathostomulida (Gnathifera, Spiralia): about monociliated pharyngeal receptors and the pharyngeal nervous system. <i>Zoomorphology</i> , 2017, 136, 425-434.	0.8	5
31	Host-dependent impairment of parasite development and reproduction in the acanthocephalan model. <i>Cell and Bioscience</i> , 2022, 12, .	4.8	3
32	Organization and evolution of the proboscis musculature in avian parasites of the genus <i>Apororhynchus</i> (Acanthocephala: Apororhynchida). <i>Parasitology Research</i> , 2017, 116, 1801-1810.	1.6	1