

Paulyn Cartwright

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,482
citations

257450

24
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2260
citing authors

#	ARTICLE	IF	CITATIONS
1	ARTHROPOD PHYLOGENY: A COMBINED APPROACH. <i>Cladistics</i> , 1993, 9, 1-39.	3.3	293
2	Phylogenetics and evolution of Capitata (Cnidaria: Hydrozoa), and the systematics of Corynidae. <i>Zoologica Scripta</i> , 2010, 39, 290-304.	1.7	271
3	Genomic insights into the evolutionary origin of Myxozoa within Cnidaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14912-14917.	7.1	193
4	Phylogenomic Analyses Support Traditional Relationships within Cnidaria. <i>PLoS ONE</i> , 2015, 10, e0139068.	2.5	191
5	Exceptionally Preserved Jellyfishes from the Middle Cambrian. <i>PLoS ONE</i> , 2007, 2, e1121.	2.5	131
6	Evolution of box jellyfish (Cnidaria: Cubozoa), a group of highly toxic invertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 493-501.	2.6	95
7	Phylogenetics of Hydroidolina (Hydrozoa: Cnidaria). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1663-1672.	0.8	92
8	Character Evolution in Hydrozoa (phylum Cnidaria). <i>Integrative and Comparative Biology</i> , 2010, 50, 456-472.	2.0	82
9	Phylogenetics of Trachylina (Cnidaria: Hydrozoa) with new insights on the evolution of some problematical taxa. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1673-1685.	0.8	81
10	Fossils and phylogenies: integrating multiple lines of evidence to investigate the origin of early major metazoan lineages. <i>Integrative and Comparative Biology</i> , 2007, 47, 744-751.	2.0	73
11	Cnidarian homeoboxes and the zootype. <i>Nature</i> , 1998, 393, 748-749.	27.8	70
12	The Phylogenetic Position of Myxozoa: Exploring Conflicting Signals in Phylogenomic and Ribosomal Data Sets. <i>Molecular Biology and Evolution</i> , 2010, 27, 2733-2746.	8.9	69
13	A cnidarian parasite of salmon (Myxozoa: <i>Henneguya</i>) lacks a mitochondrial genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5358-5363.	7.1	63
14	Phylogenetic placement of the enigmatic parasite, <i>Polypodium hydriforme</i> , within the Phylum Cnidaria. <i>BMC Evolutionary Biology</i> , 2008, 8, 139.	3.2	58
15	Plumbing the depths: extending ecological niche modelling and species distribution modelling in three dimensions. <i>Global Ecology and Biogeography</i> , 2013, 22, 952-961.	5.8	58
16	HOM/Hox Type Homeoboxes in the Chelicerate <i>Limulus polyphemus</i> . <i>Molecular Phylogenetics and Evolution</i> , 1993, 2, 185-192.	2.7	54
17	Arthropod Phylogeny: a Combined Approach. <i>Cladistics</i> , 1993, 9, 1-39.	3.3	48
18	Differential gene expression between functionally specialized polyps of the colonial hydrozoan <i>Hydractinia symbiolongicarpus</i> (Phylum Cnidaria). <i>BMC Genomics</i> , 2014, 15, 406.	2.8	45

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19	Diversity and evolution of myxozoan minicollagens and nematogalectins. <i>BMC Evolutionary Biology</i> , 2014, 14, 205.	3.2	43
20	Phylogenetic analysis of higher-level relationships within Hydroidolina (Cnidaria: Hydrozoa) using mitochondrial genome data and insight into their mitochondrial transcription. <i>PeerJ</i> , 2015, 3, e1403.	2.0	43
21	Phylogenetic Context and Basal Metazoan Model Systems. <i>Integrative and Comparative Biology</i> , 2005, 45, 585-594.	2.0	38
22	Expansion of a single transposable element family is associated with genome-size increase and radiation in the genus <i>Hydra</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22915-22917.	7.1	38
23	Nonclonal coloniality: Genetically chimeric colonies through fusion of sexually produced polyps in the hydrozoan <i>Ectopleura larynx</i> . <i>Evolution Letters</i> , 2018, 2, 442-455.	3.3	32
24	A new transcriptome and transcriptome profiling of adult and larval tissue in the box jellyfish <i>Alatina alata</i> : an emerging model for studying venom, vision and sex. <i>BMC Genomics</i> , 2016, 17, 650.	2.8	31
25	Cassiosomes are stinging-cell structures in the mucus of the upside-down jellyfish <i>Cassiopea xamachana</i> . <i>Communications Biology</i> , 2020, 3, 67.	4.4	29
26	Colony integration and the expression of the <i>Hox</i> gene, <i>Cnox-2</i> , in <i>Hydractinia symbiolongicarpus</i> (Cnidaria: Hydrozoa)., 1999, 285, 57-62.		25
27	Phylogenetic placement of <i>Hydra</i> and relationships within Aplanulata (Cnidaria: Hydrozoa). <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 60-71.	2.7	24
28	Patterns of Wnt signaling in the life cycle of <i>Podocoryna carnea</i> and its implications for medusae evolution in Hydrozoa (Cnidaria). <i>Evolution & Development</i> , 2015, 17, 325-336.	2.0	24
29	The earliest pelagic jellyfish with rhopalia from Cambrian Chengjiang Lagerstätte. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 166-173.	2.3	23
30	Interspecific Differential Expression Analysis of RNA-Seq Data Yields Insight into Life Cycle Variation in Hydractiniid Hydrozoans. <i>Genome Biology and Evolution</i> , 2015, 7, 2417-2431.	2.5	22
31	A Novel Mode of Colony Formation in a Hydrozoan through Fusion of Sexually Generated Individuals. <i>Current Biology</i> , 2012, 22, 825-829.	3.9	20
32	Developmental Insights into the Origin of Complex Colonial Hydrozoans. <i>Integrative and Comparative Biology</i> , 2003, 43, 82-86.	2.0	19
33	Expression of Wnt pathway genes in polyps and medusa-like structures of <i>Ectopleura larynx</i> (Cnidaria: Hydrozoa). <i>Evolution & Development</i> , 2013, 15, 373-384.	2.0	16
34	Expression of a <i>Gsx</i> parahox gene, <i>Cnox-2</i> , in colony ontogeny in <i>Hydractinia</i> (Cnidaria: Hydrozoa). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 460-469.	1.3	14
35	Lineage-specific evolution of cnidarian Wnt ligands. <i>Evolution & Development</i> , 2014, 16, 259-269.	2.0	14
36	A genome wide survey reveals multiple nematocyst-specific genes in Myxozoa. <i>BMC Evolutionary Biology</i> , 2018, 18, 138.	3.2	8

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37	A new mitochondrial gene order in the banded cusk-eel <i>Raneya brasiliensis</i> (Actinopterygii). <i>Trends in Ecology and Evolution</i> , 2021, 36, 104-114.	10.4	14
38	Phylogenetic and Selection Analysis of an Expanded Family of Putatively Pore-Forming Jellyfish Toxins (Cnidaria: Medusozoa). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	8
39	The evolution and development of coloniality in hydrozoans. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 293-299.	1.3	6
40	The development and evolution of hydrozoan polyp and colony form. <i>Hydrobiologia</i> , 2004, 530-531, 309-317.	2.0	5
41	The development and evolution of hydrozoan polyp and colony form. , 2004, , 309-317.		4
42	Venom system variation and the division of labor in the colonial hydrozoan <i>Hydractinia symbiolongicarpus</i> . <i>Toxicon</i> : X, 2022, 14, 100113.	2.9	2
43	<i>Frizzled3</i> expression and colony development in hydractiniid hydrozoans. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2020, 334, 311-317.	1.3	1