

Thomas F Schwaha

List of Publications by Year in descending order

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73
papers

1,134
citations

471509

17
h-index

477307

29
g-index

95
all docs

95
docs citations

95
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrotrophy and placentation in invertebrates: a new paradigm. <i>Biological Reviews</i> , 2016, 91, 673-711.	10.4	120
2	A correlative approach for combining microCT, light and transmission electron microscopy in a single 3D scenario. <i>Frontiers in Zoology</i> , 2013, 10, 44.	2.0	91
3	Key novelties in the evolution of the aquatic colonial phylum Bryozoa: evidence from soft body morphology. <i>Biological Reviews</i> , 2020, 95, 696-729.	10.4	58
4	Myoanatomy and serotonergic nervous system of the ctenostome <i>Hislopia malayensis</i> : evolutionary trends in bodyplan patterning of ectoprocta. <i>Frontiers in Zoology</i> , 2011, 8, 11.	2.0	43
5	The quagga mussel genome and the evolution of freshwater tolerance. <i>DNA Research</i> , 2019, 26, 411-422.	3.4	40
6	Showing their true colors: a practical approach to volume rendering from serial sections. <i>BMC Developmental Biology</i> , 2010, 10, 41.	2.1	37
7	Specificity in diversity: single origin of a widespread ciliate-bacteria symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170764.	2.6	34
8	The placental analogue and the pattern of sexual reproduction in the cheilostome bryozoan <i>Bicellariella ciliata</i> (Gymnolaemata). <i>Frontiers in Zoology</i> , 2012, 9, 29.	2.0	33
9	Myoanatomy and serotonergic nervous system of plumatellid and fredericellid phylactolaemata (lophotrochozoa, ectoprocta). <i>Journal of Morphology</i> , 2012, 273, 57-67.	1.2	31
10	The serotonin-lir nervous system of the Bryozoa (Lophotrochozoa): a general pattern in the Gymnolaemata and implications for lophophore evolution of the phylum. <i>BMC Evolutionary Biology</i> , 2015, 15, 223.	3.2	31
11	The nervous system of <i>Paludicella articulata</i> - first evidence of a neuroepithelium in a ctenostome ectoproct. <i>Frontiers in Zoology</i> , 2014, 11, 89.	2.0	29
12	Morphology of the bryozoan <i>Cinctipora elegans</i> (Cyclostomata, Cinctiporidae) with first data on its sexual reproduction and the cyclostome neuro-muscular system. <i>BMC Evolutionary Biology</i> , 2018, 18, 92.	3.2	26
13	Unity in diversity: a survey of muscular systems of ctenostome Gymnolaemata (Lophotrochozoa.) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i>	2.0	25
14	Ontogenetic Development of Weberian Ossicles and Hearing Abilities in the African Bullhead Catfish. <i>PLoS ONE</i> , 2011, 6, e18511.	2.5	23
15	Organogenesis during budding and lophophoral morphology of <i>Hislopia malayensis</i> Annandale, 1916 (Bryozoa, Ctenostomata). <i>BMC Developmental Biology</i> , 2011, 11, 23.	2.1	23
16	Organogenesis in the budding process of the freshwater bryozoan <i>Cristatella mucedo</i> Cuvier, 1798 (bryozoa, phylactolaemata). <i>Journal of Morphology</i> , 2011, 272, 320-341.	1.2	23
17	<i>Aethozooides uraniae</i> , a new deep-sea genus and species of solitary bryozoan from the Mediterranean Sea, with a revision of the Aethozoidae. <i>Marine Biodiversity</i> , 2019, 49, 1843-1856.	1.0	20
18	Towards a ground pattern reconstruction of bivalve nervous systems: neurogenesis in the zebra mussel <i>Dreissena polymorpha</i> . <i>Organisms Diversity and Evolution</i> , 2018, 18, 101-114.	1.6	19

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19	Bryozoa (Ectoprocta). , 2015, , 325-340.		19
20	Whip spiders (Amblypygi) become water-repellent by a colloidal secretion that self-assembles into hierarchical microstructures. <i>Zoological Letters</i> , 2016, 2, 23.	1.3	16
21	An integrative taxonomic approach to reveal the status of the genus <i>Pomphorhynchus</i> Monticelli, 1905 (Acanthocephala: Pomphorhynchidae) in Austria. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 8, 145-155.	1.5	16
22	Developmental dynamics of myogenesis in the shipworm <i>Lyrodus pedicellatus</i> (Mollusca: Bivalvia). <i>Frontiers in Zoology</i> , 2014, 11, 90.	2.0	15
23	Reconstructing the muscular ground pattern of phylactolaemate bryozoans: first data from gelatinous representatives. <i>BMC Evolutionary Biology</i> , 2017, 17, 225.	3.2	15
24	Life in a tube: morphology of the ctenostome bryozoan <i>Hypophorella expansa</i> . <i>Zoological Letters</i> , 2019, 5, 28.	1.3	15
25	Sexual reproduction of the placental brooder <i>Celleporella hyalina</i> (Bryozoa, Cheilostomata) in the White Sea. <i>Journal of Morphology</i> , 2019, 280, 278-299.	1.2	15
26	Trapped in freshwater: the internal anatomy of the entoproct <i>Loxosomatoides sirindhornae</i> . <i>Frontiers in Zoology</i> , 2010, 7, 7.	2.0	13
27	Oropharyngeal morphology in the basal tortoise <i>Manouria emys emys</i> with comments on form and function of the testudinid tongue. <i>Journal of Morphology</i> , 2011, 272, 1217-1229.	1.2	13
28	Old and sticky adhesive mechanisms in the living fossil <i>Nautilus pompilius</i> (Mollusca, Cephalopoda). <i>Zoology</i> , 2012, 115, 1-11.	1.2	13
29	Morphology of ctenostome bryozoans: 1. <i>Arachnidium fibrosum</i> . <i>Journal of Morphology</i> , 2020, 281, 1598-1606.	1.2	13
30	Morphology and life cycle of an epiphytic pherussellid ctenostome bryozoan from the Mediterranean Sea. <i>Organisms Diversity and Evolution</i> , 2020, 20, 417-437.	1.6	13
31	Neuroanatomy of <i>Hyalinella punctata</i> : Common patterns and new characters in phylactolaemate bryozoans. <i>Journal of Morphology</i> , 2018, 279, 242-258.	1.2	12
32	Insights into the organization of plumatellid larvae (lophotrochozoa, Bryozoa) by means of 3D imaging and confocal microscopy. <i>Journal of Morphology</i> , 2015, 276, 109-120.	1.2	11
33	Symbiont-dependent sexual reproduction in marine colonial invertebrate: morphological and molecular evidence. <i>Marine Biology</i> , 2018, 165, 1.	1.5	11
34	Nanoscopic X-ray tomography for correlative microscopy of a small meiofaunal sea-cucumber. <i>Scientific Reports</i> , 2020, 10, 3960.	3.3	11
35	O anus, where art thou? An investigation of ctenostome bryozoans. <i>Journal of Morphology</i> , 2020, 281, 914-922.	1.2	11
36	Morphology of ctenostome bryozoans: 2. <i>Haywardozoon pacificum</i> , with implications of the phylogenetic position of the genus. <i>Journal of Morphology</i> , 2020, 281, 1607-1616.	1.2	10

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37	Unravelling the hidden biodiversity – the establishment of DNA barcodes of fish-parasitizing Acanthocephala Koehltreuther, 1771 in view of taxonomic misidentifications, intraspecific variability and possible cryptic species. <i>Parasitology</i> , 2020, 147, 1499-1508.	1.5	10
38	Morphology of ctenostome bryozoans: 3. <i>Elzerina</i> , <i>Flustrellidra</i> , <i>Bockiella</i> . <i>Journal of Morphology</i> , 2021, 282, 633-651.	1.2	10
39	First ultrastructural evidence of placental nutrition in a ctenostome bryozoan: example of <i>Amathia verticillata</i> . <i>Zoomorphology</i> , 2019, 138, 221-232.	0.8	9
40	Three in one: evolution of viviparity, coenocytic placenta and polyembryony in cyclostome bryozoans. <i>Bmc Ecology and Evolution</i> , 2021, 21, 54.	1.6	9
41	Form and Function of the skin glands in the Himalayan newt <i>Tylototriton verrucosus</i> . <i>Zoological Letters</i> , 2018, 4, 15.	1.3	8
42	A revision of the ctenostome bryozoan family Pherusellidae, with description of two new species. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 963-980.	1.4	8
43	3 Morphology of bryozoans. , 2020, , 57-100.		8
44	A mating plug in a squid? Sneaker spermatophores can block the female sperm-storage organ in <i>Doryteuthis plei</i> . <i>Zoology</i> , 2018, 130, 47-56.	1.2	7
45	Selection on vocal output affects laryngeal morphology in rats. <i>Journal of Anatomy</i> , 2021, 238, 1179-1190.	1.5	7
46	Morphology and ontogeny of <i>Lophopus crystallinus</i> lophophore support the epistome as ancestral character of phylactolaemate bryozoans. <i>Zoomorphology</i> , 2018, 137, 355-366.	0.8	6
47	Within-family plasticity of nervous system architecture in Syllidae (Annelida, Errantia). <i>Frontiers in Zoology</i> , 2020, 17, 20.	2.0	6
48	Morphology of ctenostome bryozoans: 4. <i>Pierrella plicata</i> . <i>Journal of Morphology</i> , 2021, 282, 746-753.	1.2	6
49	Reproductive biology, embryonic development and matrotrophy in the phylactolaemate bryozoan <i>Plumatella casmiana</i> . <i>Organisms Diversity and Evolution</i> , 2021, 21, 467-490.	1.6	6
50	Characterization of the Adhesive Systems in Cephalopods. , 2010, , 53-86.		6
51	Morphology of ctenostome bryozoans: 5. <i>Sundanella</i> , with description of a new species from the Western Atlantic and the Multiporata concept. <i>Journal of Morphology</i> , 2022, 283, 1139-1162.	1.2	6
52	Inter- and intraspecific plasticity in distribution patterns of immunoreactive compounds in actinotroch larvae of Phoronida (Lophotrochozoa). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 1-14.	1.4	5
53	The life of the freshwater bryozoan <i>Stephanella hina</i> (Bryozoa, Phylactolaemata) – a crucial key to elucidating bryozoan evolution. <i>Zoological Letters</i> , 2016, 2, 25.	1.3	5
54	Description of a new Charinus species (Amblypygi: Charinidae) from the Monseñor Nouel province, Dominican Republic. <i>Zootaxa</i> , 2018, 4438, 349-361.	0.5	5

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55	Morphology of <i>Stephanella hina</i> (Bryozoa, Phylactolaemata): common phylactolaemate and unexpected, unique characters. <i>Zoological Letters</i> , 2020, 6, 11.	1.3	4
56	Comparing head muscles among Drusinae clades (Insecta: Trichoptera) reveals high congruence despite strong contrasts in head shape. <i>Scientific Reports</i> , 2022, 12, 1047.	3.3	4
57	Cerotegument microstructure of whip spiders (Amblypygi: Euamblypygi Weygoldt, 1996) reveals characters for systematics from family to species level. <i>Journal of Morphology</i> , 2022, 283, 428-445.	1.2	4
58	First description of spermatophore morphology and mating behavior in <i>Mastigoproctus proscorpio</i> (Urogyi) (Latreille, 1806) from Hispaniola, Greater Antilles. <i>Zoologischer Anzeiger</i> , 2018, 273, 65-74.	0.9	3
59	Three phyla—Two type specimens—One shell: History of a snail shell revealed by modern imaging technology. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 527-533.	1.4	3
60	First record of an abyssal and hadal bryozoan fauna from the Kuril-Kamchatka Trench. <i>Progress in Oceanography</i> , 2019, 176, 102130.	3.2	3
61	Digital dissection of the head of the frogs <i>Calyptocephalella gayi</i> and <i>Leptodactylus pentadactylus</i> with emphasis on the feeding apparatus. <i>Journal of Anatomy</i> , 2021, 239, 391-404.	1.5	3
62	Fine structure of the epicuticular secretion coat and associated glands of Pedipalpi and Palpigradi (Arachnida). <i>Journal of Morphology</i> , 2021, 282, 1158-1169.	1.2	3
63	Novel mesostructured inclusions in the epidermal lining of <i>Artemia franciscana</i> ovisacs show optical activity. <i>PeerJ</i> , 2017, 5, e3923.	2.0	3
64	10 Ctenostomata. , 2020, , 269-316.		3
65	Morphometry of the pedipalp patella provides new characters for species-level taxonomy in whip spiders (Arachnida, Amblypygi): A test case with description of a new species of <i>Phrynus</i> . <i>Zoologischer Anzeiger</i> , 2022, 298, 10-28.	0.9	3
66	Midbody-Localized Aquaporin Mediates Intercellular Lumen Expansion During Early Cleavage of an Invasive Freshwater Bivalve. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	3
67	NOISE AQUARIUM. , 2019, , .		2
68	A comparative analysis of the nervous system of cheilostome bryozoans. <i>BMC Zoology</i> , 2021, 6, .	1.0	2
69	7 Phylactolaemata. , 2020, , 189-224.		2
70	1 General introduction. , 2020, , 1-10.		2
71	The male reproductive system in whip spiders (Arachnida: Amblypygi). <i>Journal of Morphology</i> , 2022, , .	1.2	1
72	SIGGRAPH 2019 Art Gallery. <i>Leonardo</i> , 2019, 52, 400-422.	0.3	0

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73	9 Gymnolaemata. , 2020, , 265-268.		0