

# Thomas F Schwaha

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,134  
citations

471061

17  
h-index

476904

29  
g-index

95  
all docs

95  
docs citations

95  
times ranked

992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing head muscles among Drusinae clades (Insecta: Trichoptera) reveals high congruence despite strong contrasts in head shape. <i>Scientific Reports</i> , 2022, 12, 1047.	1.6	4
2	The male reproductive system in whip spiders (Arachnida: Amblypygi). <i>Journal of Morphology</i> , 2022, , .	0.6	1
3	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.	0.6	4
4	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.	0.4	3
5	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.	0.6	6
6	Selection on vocal output affects laryngeal morphology in rats. <i>Journal of Anatomy</i> , 2021, 238, 1179-1190.	0.9	7
7	Morphology of ctenostome bryozoans: 3. <i>Elzerina</i> , <i>Flustrellidra</i> , <i>Bockiella</i> . <i>Journal of Morphology</i> , 2021, 282, 633-651.	0.6	10
8	Morphology of ctenostome bryozoans: 4. <i>Pierrella plicata</i> . <i>Journal of Morphology</i> , 2021, 282, 746-753.	0.6	6
9	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.	0.9	3
10	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.	0.6	8
11	Three in one: evolution of viviparity, coenocytic placenta and polyembryony in cyclostome bryozoans. <i>Bmc Ecology and Evolution</i> , 2021, 21, 54.	0.7	9
12	Fine structure of the epicuticular secretion coat and associated glands of Pedipalpi and Palpigradi (Arachnida). <i>Journal of Morphology</i> , 2021, 282, 1158-1169.	0.6	3
13	Reproductive biology, embryonic development and matrotrophy in the phylactolaemate bryozoan <i>Plumatella casmiana</i> . <i>Organisms Diversity and Evolution</i> , 2021, 21, 467-490.	0.7	6
14	A comparative analysis of the nervous system of cheilostome bryozoans. <i>BMC Zoology</i> , 2021, 6, .	0.3	2
15	Morphology of <i>Stephanella hina</i> (Bryozoa, Phylactolaemata): common phylactolaemate and unexpected, unique characters. <i>Zoological Letters</i> , 2020, 6, 11.	0.7	4
16	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.	0.6	10
17	Unravelling the hidden biodiversity – the establishment of DNA barcodes of fish-parasitizing <i>Acanthocephala</i> Koehltreuther, 1771 in view of taxonomic misidentifications, intraspecific variability and possible cryptic species. <i>Parasitology</i> , 2020, 147, 1499-1508.	0.7	10
18	Morphology of ctenostome bryozoans: 1. <i>Arachnidium fibrosum</i> . <i>Journal of Morphology</i> , 2020, 281, 1598-1606.	0.6	13

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19	Morphology and life cycle of an epiphytic pherussellid ctenostome bryozoan from the Mediterranean Sea. <i>Organisms Diversity and Evolution</i> , 2020, 20, 417-437.	0.7	13
20	Nanosopic X-ray tomography for correlative microscopy of a small meiofaunal sea-cucumber. <i>Scientific Reports</i> , 2020, 10, 3960.	1.6	11
21	O anus, where art thou? An investigation of ctenostome bryozoans. <i>Journal of Morphology</i> , 2020, 281, 914-922.	0.6	11
22	Within-family plasticity of nervous system architecture in Syllidae (Annelida, Errantia). <i>Frontiers in Zoology</i> , 2020, 17, 20.	0.9	6
23	Key novelties in the evolution of the aquatic colonial phylum Bryozoa: evidence from soft body morphology. <i>Biological Reviews</i> , 2020, 95, 696-729.	4.7	58
24	3 Morphology of bryozoans. , 2020, , 57-100.		8
25	7 Phylactolaemata. , 2020, , 189-224.		2
26	9 Gymnolaemata. , 2020, , 265-268.		0
27	10 Ctenostomata. , 2020, , 269-316.		3
28	1 General introduction. , 2020, , 1-10.		2
29	SIGGRAPH 2019 Art Gallery. <i>Leonardo</i> , 2019, 52, 400-422.	0.2	0
30	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.	0.6	3
31	First record of an abyssal and hadal bryozoan fauna from the Kuril-Kamchatka Trench. <i>Progress in Oceanography</i> , 2019, 176, 102130.	1.5	3
32	Life in a tube: morphology of the ctenostome bryozoan <i>Hypophorella expansa</i> . <i>Zoological Letters</i> , 2019, 5, 28.	0.7	15
33	NOISE AQUARIUM. , 2019, , .		2
34	The quagga mussel genome and the evolution of freshwater tolerance. <i>DNA Research</i> , 2019, 26, 411-422.	1.5	40
35	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.	0.6	16
36	First ultrastructural evidence of placental nutrition in a ctenostome bryozoan: example of <i>Amathia verticillata</i> . <i>Zoomorphology</i> , 2019, 138, 221-232.	0.4	9

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37	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.	0.6	15
38	<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.	0.3	20
39	First description of spermatophore morphology and mating behavior in <i>Mastigoproctus proscorpio</i> (Urogyni) (Latreille, 1806) from Hispaniola, Greater Antilles. <i>Zoologischer Anzeiger</i> , 2018, 273, 65-74.	0.4	3
40	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.	0.7	19
41	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.	0.4	6
42	Neuroanatomy of <i>Hyalinella punctata</i> : Common patterns and new characters in phylactolaemate bryozoans. <i>Journal of Morphology</i> , 2018, 279, 242-258.	0.6	12
43	Symbiont-dependent sexual reproduction in marine colonial invertebrate: morphological and molecular evidence. <i>Marine Biology</i> , 2018, 165, 1.	0.7	11
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.	0.6	7
45	Description of a new <i>Charinus</i> species (Amblypygi: Charinidae) from the Monseñor Nouel province, Dominican Republic. <i>Zootaxa</i> , 2018, 4438, 349-361.	0.2	5
46	Form and Function of the skin glands in the Himalayan newt <i>Tylotriton verrucosus</i> . <i>Zoological Letters</i> , 2018, 4, 15.	0.7	8
47	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
48	Unity in diversity: a survey of muscular systems of ctenostome Gymnolaemata (Lophotrochozoa). <i>Trends in Ecology &amp; Evolution</i> , 2018, 33, 1010-1020.	0.9	25
49	Specificity in diversity: single origin of a widespread ciliate-bacteria symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170764.	1.2	34
50	Reconstructing the muscular ground pattern of phylactolaemate bryozoans: first data from gelatinous representatives. <i>BMC Evolutionary Biology</i> , 2017, 17, 225.	3.2	15
51	Novel mesostructured inclusions in the epidermal lining of <i>Artemia franciscana</i> ovisacs show optical activity. <i>PeerJ</i> , 2017, 5, e3923.	0.9	3
52	Whip spiders (Amblypygi) become water-repellent by a colloidal secretion that self-assembles into hierarchical microstructures. <i>Zoological Letters</i> , 2016, 2, 23.	0.7	16
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.	0.7	5
54	Matrotrophy and placentation in invertebrates: a new paradigm. <i>Biological Reviews</i> , 2016, 91, 673-711.	4.7	120

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55	The serotonin-lir nervous system of the Bryozoa (Lophotrochozoa): a general pattern in the Gymnolaemata and implications for lophophore evolution of the phylum. BMC Evolutionary Biology, 2015, 15, 223.	3.2	31
56	Insights into the organization of plumatellid larvae (lophotrochozoa, Bryozoa) by means of 3D-imaging and confocal microscopy. Journal of Morphology, 2015, 276, 109-120.	0.6	11
57	Bryozoa (Ectoprocta). , 2015, , 325-340.		19
58	Developmental dynamics of myogenesis in the shipworm Lyrodus pedicellatus (Mollusca: Bivalvia). Frontiers in Zoology, 2014, 11, 90.	0.9	15
59	The nervous system of Paludicella articulata - first evidence of a neuroepithelium in a ctenostome ectoproct. Frontiers in Zoology, 2014, 11, 89.	0.9	29
60	Inter- and intraspecific plasticity in distribution patterns of immunoreactive compounds in actinotroch larvae of Phoronida (Lophotrochozoa). Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 1-14.	0.6	5
61	A correlative approach for combining microCT, light and transmission electron microscopy in a single 3D scenario. Frontiers in Zoology, 2013, 10, 44.	0.9	91
62	The placental analogue and the pattern of sexual reproduction in the cheilostome bryozoan Bicellariella ciliata (Gymnolaemata). Frontiers in Zoology, 2012, 9, 29.	0.9	33
63	Old and sticky" adhesive mechanisms in the living fossil Nautilus pompilius (Mollusca, Cephalopoda). Zoology, 2012, 115, 1-11.	0.6	13
64	Myoanatomy and serotonergic nervous system of plumatellid and fredericellid phylactolaemata (lophotrochozoa, ectoprocta). Journal of Morphology, 2012, 273, 57-67.	0.6	31
65	Ontogenetic Development of Weberian Ossicles and Hearing Abilities in the African Bullhead Catfish. PLoS ONE, 2011, 6, e18511.	1.1	23
66	Myoanatomy and serotonergic nervous system of the ctenostome Hislopia malayensis: evolutionary trends in bodyplan patterning of ectoprocta. Frontiers in Zoology, 2011, 8, 11.	0.9	43
67	Organogenesis during budding and lophophoral morphology of Hislopia malayensis Annandale, 1916 (Bryozoa, Ctenostomata). BMC Developmental Biology, 2011, 11, 23.	2.1	23
68	Organogenesis in the budding process of the freshwater bryozoan <i>Cristatella mucedo</i> Cuvier, 1798 (bryozoa, phylactolaemata). Journal of Morphology, 2011, 272, 320-341.	0.6	23
69	Oropharyngeal morphology in the basal tortoise <i>Manouria emys emys</i> with comments on form and function of the testudinid tongue. Journal of Morphology, 2011, 272, 1217-1229.	0.6	13
70	Showing their true colors: a practical approach to volume rendering from serial sections. BMC Developmental Biology, 2010, 10, 41.	2.1	37
71	Trapped in freshwater: the internal anatomy of the entoproct Loxosomatoides sirindhornae. Frontiers in Zoology, 2010, 7, 7.	0.9	13
72	Characterization of the Adhesive Systems in Cephalopods. , 2010, , 53-86.		6

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73	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, .	1.8	3