Christian S Wirkner

List of Publications by Year
in descending order

36 papers	677 citations	687363 13 h-index	610901 24 g-index
36 all docs	36 docs citations	36 times ranked	563 citing authors

#	Article	IF	Citations
1	Evolutionary morphology of the circulatory system in Peracarida (Malacostraca; Crustacea). Cladistics, 2010, 26, 143-167.	3.3	71
2	A research program for Evolutionary Morphology. Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 338-350.	1.4	70
3	Parallel Saltational Evolution of Ultrafast Movements in Snapping Shrimp Claws. Current Biology, 2018, 28, 106-113.e4.	3.9	57
4	Improvement of microanatomical research by combining corrosion casts with MicroCT and 3D reconstruction, exemplified in the circulatory organs of the woodlouse. Microscopy Research and Technique, 2004, 64, 250-254.	2.2	45
5	Homology: a synthetic concept of evolutionary robustness of patterns. Zoologica Scripta, 2007, 36, 281-289.	1.7	41
6	The Arthropod Circulatory System. , 2013, , 343-391.		38
7	The brain in three crustaceans from cavernous darkness. BMC Neuroscience, 2015, 16, 19.	1.9	34
8	The Malacostraca (Crustacea) from a neurophylogenetic perspective: New insights from brain architecture in Nebalia herbstii Leach, 1814 (Leptostraca, Phyllocarida). Zoologischer Anzeiger, 2013, 252, 319-336.	0.9	33
9	Evolutionary morphology of the hemolymph vascular system in hermit and king crabs (Crustacea:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	26
10	Evolutionary morphology of the organ systems in squat lobsters and porcelain crabs (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	25
11	Symmetry variation in the heartâ€descending artery system of the parthenogenetic marbled crayfish. Journal of Morphology, 2009, 270, 221-226.	1.2	23
12	The hemolymph vascular system in Cupiennius salei (Araneae: Ctenidae). Zoologischer Anzeiger, 2013, 252, 76-87.	0.9	23
13	An â€œancientâ€•complexity? Evolutionary morphology of the circulatory system in Xiphosura. Zoology, 2015, 118, 221-238.	1.2	22
14	Comparative morphology of the hemolymph vascular system in krill (Euphausiacea; Crustacea). Arthropod Structure and Development, 2011, 40, 39-53.	1.4	15
15	Evolutionary morphology of the hemolymph vascular system of basal araneomorph spiders (Araneae:) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	13
16	The first organ-based free ontology for arthropods (Ontology of Arthropod Circulatory Systems -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Systematic Biology, 2017, 66, syw108.	5.6	13
17	Morphological description, character conceptualization and the reconstruction of ancestral states exemplified by the evolution of arthropod hearts. PLoS ONE, 2018, 13, e0201702.	2.5	13
18	The circulatory system and its spatial relations to other major organ systems in Spelaeogriphacea and Mictacea (Malacostraca, Crustacea) - a three-dimensional analysis. Zoological Journal of the Linnean Society, 2007, 149, 629-642.	2.3	12

#	Article	IF	Citations
19	The hemolymph vascular system in Araneus diadematuswith special focus on intraspecific variability in artery systems. Journal of Arachnology, 2016, 44, 153-164.	0.5	11
20	A wonderful network unraveled - Detailed description of capillaries in the prosomal ganglion of scorpions. Frontiers in Zoology, 2014, 11, 28.	2.0	10
21	The anatomy of the king crab Hapalogaster mertensii Brandt, 1850 (Anomura: Paguroidea:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T crabs. Contributions To Zoology, 2015, 84, 149-165.	0.5	10
22	Serial and special: Comparison of podomeres and muscles in tactile vs walking legs of whip scorpions (Arachnida, Uropygi). Zoologischer Anzeiger, 2018, 273, 75-101.	0.9	9
23	The circulatory system of <scp>Penaeus vannamei</scp> Boone, 1931â€"Lacunar function and a reconsideration of the â€œopen vs. closed systemâ€•debate. Journal of Morphology, 2020, 281, 500-512.	1.2	9
24	The Hemolymph Vascular System in Tethysbaena Argentarii (Thermosbaenacea: Monodellidae) as Revealed by 3D Reconstructions of Semi-Thin Sections. Journal of Crustacean Biology, 2009, 29, 13-17.	0.8	8
25	Circulatory System and Respiration. , 2013, , 376-412.		8
26	Revealing their innermost secrets: an evolutionary perspective on the disparity of the organ systems in anomuran crabs (Crustacea: Decapoda: Anomura). Contributions To Zoology, 2016, 85, 361-386.	0.5	8
27	A unified morphological scenario for the evolution of haemolymph pressure generation in spiders (Araneae: Arachnida). Zoological Journal of the Linnean Society, 2019, 186, 353-384.	2.3	8
28	Phylogeny and species diversity of Tasmanian mountain shrimps and their relatives (Crustacea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.7	5
29	Same same but different: a stunning analogy between tracheal and vascular supply in the CNS of different arachnids. Organisms Diversity and Evolution, 2018, 18, 225-239.	1.6	3
30	Constant morphological patterns in the hemolymph vascular system of crayfish (Crustacea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.4	3
31	Evolutionary morphology of coxal musculature in Pseudoscorpiones (Arachnida). Arthropod Structure and Development, 2022, 69, 101165.	1.4	3
32	Evolutionary and functional substitution of extrinsic musculature in Solifugae (Arachnida). Journal of Morphology, 2020, 281, 1524-1533.	1.2	2
33	High degree of non-genetic phenotypic variation in the vascular system of crayfish: a discussion of possible causes and implications. Zoomorphology, 2021, 140, 317-329.	0.8	2
34	A unique yet technically simple type of joint allows for the high mobility of scorpion tails. Journal of the Royal Society Interface, 2021, 18, 20210388.	3.4	2
35	Comparative morphology of scorpion metasomata: Muscles and cuticle. Arthropod Structure and Development, 2021, 60, 101003.	1.4	1
36	Comparative morphology of the hemolymph vascular system in mygalomorphs (Araneae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (C	0.5	1