Anders Garm

List of Publications by Year
in descending order

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61	2,151	218677	243625
papers	citations	26 h-index	44 g-index

63	63	63	1468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced optics in a jellyfish eye. Nature, 2005, 435, 201-205.	27.8	232
2	Revising the definition of the crustacean seta and setal classification systems based on examinations of the mouthpart setae of seven species of decapods. Zoological Journal of the Linnean Society, 2004, 142, 233-252.	2.3	200
3	No increase in marine microplastic concentration over the last three decades â€“ A case study from the Baltic Sea. Science of the Total Environment, 2018, 621, 1272-1279.	8.0	152
4	Visually guided obstacle avoidance in the box jellyfish Tripedalia cystophora and Chiropsella bronzie. Journal of Experimental Biology, 2007, 210, 3616-3623.	1.7	105
5	Box Jellyfish Use Terrestrial Visual Cues for Navigation. Current Biology, 2011, 21, 798-803.	3.9	92
6	Mechanical functions of setae from the mouth apparatus of seven species of decapod crustaceans. Journal of Morphology, 2004, 260, 85-100.	1.2	74
7	Bilaterally symmetrical rhopalial nervous system of the box jellyfishTripedalia cystophora. Journal of Morphology, 2006, 267, 1391-1405.	1.2	64
8	Rhopalia are integrated parts of the central nervous system in box jellyfish. Cell and Tissue Research, 2006, 325, 333-343.	2.9	63
9	Visual navigation in starfish: first evidence for the use of vision and eyes in starfish. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133011.	2.6	63
10	Using phylogenetically-informed annotation (PIA) to search for light-interacting genes in transcriptomes from non-model organisms. BMC Bioinformatics, 2014, 15, 350.	2.6	62
11	Vision in the nocturnal wandering spider Leucorchestris arenicola (Araneae: Sparassidae). Journal of Experimental Biology, 2008, 211, 816-823.	1.7	52
12	Setal morphology and cirral setation of thoracican barnacle cirri: adaptations and implications for thoracican evolution. Journal of Zoology, 2008, 275, 294-306.	1.7	48
13	The ring nerve of the box jellyfish Tripedalia cystophora. Cell and Tissue Research, 2007, 329, 147-157.	2.9	47
14	The lens eyes of the box jellyfish Tripedalia cystophora and Chiropsalmus sp. are slow and color-blind. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2007, 193, 547-557.	1.6	46
15	Opposite Patterns of Diurnal Activity in the Box Jellyfish Tripedalia cystophora and Copula sivickisi. Biological Bulletin, 2012, 222, 35-45.	1.8	44
16	The spectral sensitivity of the lens eyes of a box jellyfish, Tripedalia cystophora (Conant). Journal of Experimental Biology, 2006, 209, 3758-3765.	1.7	42
17	Functional mouthpart morphology of the squat lobster Munida sarsi , with comparison to other anomurans. Marine Biology, 2000, 137, 123-138.	1.5	40
18	Role of Maxilla 2 and Its Setae During Feeding in the ShrimpPalaemon adspersus(Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	40

#	Article	IF	Citations
19	Multiple photoreceptor systems control the swim pacemaker activity in box jellyfish. Journal of Experimental Biology, 2009, 212, 3951-3960.	1.7	40
20	Unique structure and optics of the lesser eyes of the box jellyfish Tripedalia cystophora. Vision Research, 2008, 48, 1061-1073.	1.4	36
21	De novo transcriptome assembly of the cubomedusa Tripedalia cystophora, including the analysis of a set of genes involved in peptidergic neurotransmission. BMC Genomics, 2019, 20, 175.	2.8	35
22	Swim pacemakers in box jellyfish are modulated by the visual input. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 641-651.	1.6	34
23	Chemosensory neurons in the mouthparts of the spiny lobsters Panulirus argus and Panulirus interruptus (Crustacea: Decapoda). Journal of Experimental Marine Biology and Ecology, 2005, 314, 175-186.	1.5	33
24	Visual control of steering in the box jellyfishTripedalia cystophora. Journal of Experimental Biology, 2011, 214, 2809-2815.	1.7	32
25	Visual orientation by the crown-of-thorns starfish (Acanthaster planci). Coral Reefs, 2016, 35, 1139-1150.	2.2	32
26	Structure and optics of the eyes of the box jellyfish Chiropsella bronzie. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2009, 195, 557-569.	1.6	31
27	Function and Functional Groupings of the Complex Mouth Apparatus of the Squat Lobsters Munida sarsi Huus and M. tenuimana G.O. Sars (Crustacea: Decapoda). Biological Bulletin, 2001, 200, 281-297.	1.8	30
28	Notes on the ultrastructure of the setae on the fourth antennulary segment of the Balanus amphitrite cyprid (Crustacea: Cirripedia: Thoracica). Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 361-365.	0.8	26
29	Ocular and Extraocular Expression of Opsins in the Rhopalium of Tripedalia cystophora (Cnidaria:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	25
30	Crown-of-thorns starfish have true image forming vision. Frontiers in Zoology, 2016, 13, 41.	2.0	21
31	Mechanosensory Neurons With Bend- and Osmo-sensitivity in Mouthpart Setae From the Spiny LobsterPanulirus argus. Biological Bulletin, 2004, 207, 195-208.	1.8	20
32	Immunohistochemical evidence for multiple photosystems in box jellyfish. Cell and Tissue Research, 2008, 333, 115-124.	2.9	19
33	<p><strong>Sexual dimorphism in Tripedaliidae (Conant 1897) (Cnidaria, Cubozoa,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	18
34	Active control of the visual field in the starfish Acanthaster planci. Vision Research, 2016, 127, 28-34.	1.4	17
35	Temporal properties of the lens eyes of the box jellyfish Tripedalia cystophora. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 213-220.	1.6	16
36	Mating in the box jellyfish <scp>C</scp>opula sivickisiâ€"Novel function of cnidocytes. Journal of Morphology, 2015, 276, 1055-1064.	1.2	16

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37	Hunting in Bioluminescent Light: Vision in the Nocturnal Box Jellyfish Copula sivickisi. Frontiers in Physiology, 2016, 7, 99.	2.8	13
38	Sensory Biology of Starfishâ€"With Emphasis on Recent Discoveries in their Visual Ecology. Integrative and Comparative Biology, 2017, 57, 1082-1092.	2.0	13
39	Swim pacemaker response to bath applied neurotransmitters in the cubozoan Tripedalia cystophora. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 785-797.	1.6	12
40	Ultrastructure and functional organization of mouthpart sensory setae of the spiny lobsterPanulirus argus: New features of putative mechanoreceptors. Journal of Morphology, 2006, 267, 464-476.	1.2	11
41	Evidence for Multiple Photosystems in Jellyfish. International Review of Cell and Molecular Biology, 2010, 280, 41-78.	3.2	11
42	Cell Proliferation in Cubozoan Jellyfish Tripedalia cystophora and Alatina moseri. PLoS ONE, 2014, 9, e102628.	2.5	11
43	Editorial: Coding Properties in Invertebrate Sensory Systems. Frontiers in Physiology, 2016, 7, 688.	2.8	11
44	Photoresponses in the radiolar eyes of the fan worm, Acromegalomma vesiculosum (Montagu). Journal of Experimental Biology, 2019, 222, .	1.7	11
45	The morphology of the chemosensory aesthetasc-like setae used during settlement of cypris larvae in the parasitic barnacle Sacculina carcini (Cirripedia: Rhizocephala). Marine Biology, 2005, 146, 1005-1013.	1.5	10
46	Mechanosensory properties of the mouthpart setae of the European shore crab Carcinus maenas. Marine Biology, 2005, 147, 1179-1190.	1.5	10
47	Visual pigment in the lens eyes of the box jellyfish Chiropsella bronzie. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1843-1848.	2.6	9
48	Spectral sensitivity of phototaxis in the dinoflagellateKryptoperidinium foliaceumand their reaction to physical encounters. Journal of Experimental Biology, 2012, 215, 2342-2346.	1.7	9
49	Neuropeptide expression in the box jellyfish Tripedalia cystophoraâ€"New insights into the complexity of a â€œsimpleâ€•nervous system. Journal of Comparative Neurology, 2021, 529, 2865-2882.	1.6	9
50	Pattern and contrast dependent visual response in the box jellyfish Tripedalia cystophora. Journal of Experimental Biology, 2013, 216, 4520-9.	1.7	8
51	Contrast and rate of light intensity decrease control directional swimming in the box jellyfish Tripedalia cystophora (Cnidaria, Cubomedusae). Hydrobiologia, 2013, 703, 69-77.	2.0	8
52	Deep-sea starfish from the Arctic have well-developed eyes in the dark. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172743.	2.6	8
53	Regeneration of the Rhopalium and the Rhopalial Nervous System in the Box Jellyfish Tripedalia cystophora. Biological Bulletin, 2018, 234, 22-36.	1.8	8
54	Hyperparasitism in caves: Bats, bat flies and ectoparasitic fungus interaction. Journal of Invertebrate Pathology, 2019, 166, 107206.	3.2	8

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55	Eyes and negative phototaxis in juvenile crown-of-thorns starfish, Acanthaster species complex. Biology Open, 2019, 8, .	1.2	7
56	Velarium control and visual steering in box jellyfish. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 315-324.	1.6	5
57	Fixational Eye Movements in the Earliest Stage of Metazoan Evolution. PLoS ONE, 2013, 8, e66442.	2.5	4
58	Gonadal cnidocytes in the cubozoan Tripedalia cystophora Conant, 1897 (Cnidaria: Cubozoa). Journal of Morphology, 2019, 280, 1530-1536.	1.2	3
59	Hyperparasitism in caves: bats, bat flies and ectoparasitic fungus. ARPHA Conference Abstracts, 0, 1, .	0.0	3
60	Vision Made Easy: Cubozoans Can Advance Our Understanding of Systems-Level Visual Information Processing. Results and Problems in Cell Differentiation, 2018, 65, 599-624.	0.7	2
61	Have the eyes of bioluminescent scale worms adapted to see their own light? A comparative study of eyes and vision in Harmothoe imbricata and Lepidonotus squamatus. Journal of Experimental Biology, 2021, 224, .	1.7	0