

Claus Nielsen

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

5,199
citations

136950

32
h-index

88630

70
g-index

83
all docs

83
docs citations

83
times ranked

3869
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The neuromuscular system of the cyclostome bryozoan <i>Crisia eburnea</i> (Linnaeus, 1758). <i>Acta Zoologica</i> , 2020, 101, 133-146. | 0.8 | 12 |
| 2 | Early animal evolution: a morphologist's view. <i>Royal Society Open Science</i> , 2019, 6, 190638. | 2.4 | 46 |
| 3 | Was the ancestral panarthropod mouth ventral or terminal?. <i>Arthropod Structure and Development</i> , 2019, 49, 152-154. | 1.4 | 2 |
| 4 | Neuromuscular structure of the larva to early ancestrula stages of the cyclostome bryozoan <i>Crisia eburnea</i> . <i>Acta Zoologica</i> , 2019, 100, 268-281. | 0.8 | 4 |
| 5 | Origin of the trochophora larva. <i>Royal Society Open Science</i> , 2018, 5, 180042. | 2.4 | 18 |
| 6 | Evolution of the bilaterian mouth and anus. <i>Nature Ecology and Evolution</i> , 2018, 2, 1358-1376. | 7.8 | 37 |
| 7 | Evolution of deuterostomy - and origin of the chordates. <i>Biological Reviews</i> , 2017, 92, 316-325. | 10.4 | 12 |
| 8 | <i>Loxosomella decorata</i> n. sp., a new solitary entoproct from San Juan Island, WA, USA. <i>Zootaxa</i> , 2017, 4238, 594. | 0.5 | 0 |
| 9 | The phylogenetic position of ctenophores and the origin(s) of nervous systems. <i>EvoDevo</i> , 2015, 6, 1. | 3.2 | 148 |
| 10 | Larval nervous systems: true larval and precocious adult. <i>Journal of Experimental Biology</i> , 2015, 218, 629-636. | 1.7 | 34 |
| 11 | The nudibranch names mentioned as n.sp. in Bergh (1861) are almost all nomina nuda (Gastropoda: Tj ETQq1 1 0.784314 rgBT /Overlo 0,5 | 0.5 | 1 |
| 12 | Life cycle evolution: was the eumetazoan ancestor a holopelagic, planktotrophic gastraea?. <i>BMC Evolutionary Biology</i> , 2013, 13, 171. | 3.2 | 55 |
| 13 | The triradiate sucking pharynx in animal phylogeny. <i>Invertebrate Biology</i> , 2013, 132, 1-13. | 0.9 | 21 |
| 14 | The Magnitude of Global Marine Species Diversity. <i>Current Biology</i> , 2012, 22, 2189-2202. | 3.9 | 797 |
| 15 | How to make a protostome. <i>Invertebrate Systematics</i> , 2012, 26, 25. | 1.3 | 26 |
| 16 | The authorship of higher chordate taxa. <i>Zoologica Scripta</i> , 2012, 41, 435-436. | 1.7 | 5 |
| 17 | Structure and occurrence of cyphonautes larvae (bryozoa, ectoprocta). <i>Journal of Morphology</i> , 2010, 271, 1094-1109. | 1.2 | 31 |
| 18 | After all: <i>Xenoturbella</i> is an acoelomorph!. <i>Evolution & Development</i> , 2010, 12, 241-243. | 2.0 | 17 |

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|----|--|-----|-----------|
| 19 | Morphological novelties detonated the Ediacaranâ€”Cambrian â€œexplosionâ€• Evolution & Development, 2010, 12, 345-345. | 2.0 | 3 |
| 20 | Some aspects of spiralian development. Acta Zoologica, 2010, 91, 20-28. | 0.8 | 21 |
| 21 | Ultrastructure of spermiogenesis in <i>Cristatella mucedo</i> Cuvier (Bryozoa: Phylactolaemata: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 0.8 | 7 |
| 22 | How Did Indirect Development With Planktotrophic Larvae Evolve?. Biological Bulletin, 2009, 216, 203-215. | 1.8 | 33 |
| 23 | Copenhagen 2008: 1st International Congress on Invertebrate Morphology. Journal of Morphology, 2008, 269, 1425-1425. | 1.2 | 2 |
| 24 | Testing the new animal phylogeny: A phylum level molecular analysis of the animal kingdom. Molecular Phylogenetics and Evolution, 2008, 49, 23-31. | 2.7 | 121 |
| 25 | Six major steps in animal evolution: are we derived sponge larvae?. Evolution & Development, 2008, 10, 241-257. | 2.0 | 231 |
| 26 | A review of the solitary entoprocts reported from sponges from Napoli (Italy), with designation of a neotype of <i>Loxosoma pes</i> Schmidt, 1878. Journal of Natural History, 2008, 42, 1573-1579. | 0.5 | 6 |
| 27 | Ontogeny of the spiralian brain. , 2008, , 399-416. | | 6 |
| 28 | Development of the enteropneust <i>Ptychodera flava</i> : Ciliary bands and nervous system. Journal of Morphology, 2007, 268, 551-570. | 1.2 | 49 |
| 29 | Early development of the aplousobranchian mollusc <i>Chaetoderma</i> . Acta Zoologica, 2007, 88, 231-247. | 0.8 | 54 |
| 30 | Homology of echinoderm radial nerve cords and the chordate neural tube???. Evolution & Development, 2006, 8, 1-2. | 2.0 | 32 |
| 31 | Feeding mechanism of the polychaete <i>Sabellaria alveolata</i> revisited: comment on Dubois et al. (2005). Marine Ecology - Progress Series, 2006, 328, 295-305. | 1.9 | 8 |
| 32 | Larval and adult brains¹. Evolution & Development, 2005, 7, 483-489. | 2.0 | 78 |
| 33 | The Early Cambrian <i>Halkieria</i> is a mollusc. Zoologica Scripta, 2005, 34, 81-89. | 1.7 | 118 |
| 34 | Galeommatid bivalves from Phuket, Thailand. Zoological Journal of the Linnean Society, 2005, 144, 261-308. | 2.3 | 17 |
| 35 | Trochophora larvae: cell-lineages, ciliary bands and body regions. 2. Other groups and general discussion. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2005, 304B, 401-447. | 1.3 | 91 |
| 36 | Trochophora larvae and adult body regions in annelids: some conclusions. Hydrobiologia, 2005, 535-536, 23-24. | 2.0 | 4 |

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|----|--|------|-----------|
| 37 | Trochophora larvae and adult body regions in annelids: some conclusions. , 2005, , 23-24. | | 0 |
| 38 | On three species and two new genera (Montacutella and Brachiomya) of galeommatoid bivalves from the irregular Sea Urchin <i>Brissus latecarinatus</i> with emphasis on their reproduction. <i>Zoologischer Anzeiger</i> , 2004, 243, 3-19. | 0.9 | 12 |
| 39 | Trochophora larvae: Cell-lineages, ciliary bands, and body regions. 1. Annelida and Mollusca. <i>The Journal of Experimental Zoology</i> , 2004, 302B, 35-68. | 1.4 | 124 |
| 40 | Patterns of gene expression: homology or homocracy?. <i>Development Genes and Evolution</i> , 2003, 213, 149-154. | 0.9 | 75 |
| 41 | Defining phyla: morphological and molecular clues to metazoan evolution. <i>Evolution & Development</i> , 2003, 5, 386-393. | 2.0 | 17 |
| 42 | <i>Xenoturbella</i> is a deuterostome that eats molluscs. <i>Nature</i> , 2003, 424, 925-928. | 27.8 | 189 |
| 43 | The Phylogenetic Position of Entoprocta, Ectoprocta, Phoronida, and Brachiopoda. <i>Integrative and Comparative Biology</i> , 2002, 42, 685-691. | 2.0 | 56 |
| 44 | WHAT CELL LINEAGES TELL US ABOUT THE EVOLUTION OF SPIRALIA REMAINS TO BE SEEN. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2554-2557. | 2.3 | 4 |
| 45 | Ciliary filter-feeding structures in adult and larval gymnolaemate bryozoans. <i>Invertebrate Biology</i> , 2002, 121, 255-261. | 0.9 | 33 |
| 46 | Putative sensory structures in marine bryozoans. <i>Invertebrate Biology</i> , 2002, 121, 262-270. | 0.9 | 10 |
| 47 | The origin of metamorphosis. <i>Evolution & Development</i> , 2000, 2, 127-129. | 2.0 | 36 |
| 48 | Downstream collecting in ciliary suspension feeders: the catch-up principle. <i>Marine Ecology - Progress Series</i> , 2000, 207, 33-51. | 1.9 | 64 |
| 49 | Origin of the chordate central nervous system - and the origin of chordates. <i>Development Genes and Evolution</i> , 1999, 209, 198-205. | 0.9 | 147 |
| 50 | Sequences lead to tree of worms. <i>Nature</i> , 1998, 392, 25-25. | 27.8 | 708 |
| 51 | Morphological Approaches to Phylogeny. <i>American Zoologist</i> , 1998, 38, 942-952. | 0.7 | 10 |
| 52 | Origin and evolution of animal life cycles. <i>Biological Reviews</i> , 1998, 73, 125-155. | 10.4 | 118 |
| 53 | Origin and evolution of animal life cycles. <i>Biological Reviews</i> , 1998, 73, 125-155. | 10.4 | 32 |
| 54 | Tentacle structure and filter-feeding in <i>Crisia eburnea</i> and other cyclostomatous bryozoans, with a review of upstream-collecting mechanisms. <i>Marine Ecology - Progress Series</i> , 1998, 168, 163-186. | 1.9 | 86 |

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|----|--|-----|-----------|
| 55 | Three new species of <i>Loxosoma</i> (Entoprocta) from Phuket, Thailand, with a review of the genus. <i>Zoologica Scripta</i> , 1996, 25, 61-75. | 1.7 | 16 |
| 56 | Point of View The rearticulation of annelids. <i>Zoologica Scripta</i> , 1996, 25, 275-282. | 1.7 | 27 |
| 57 | Cladistic analyses of the animal kingdom. <i>Biological Journal of the Linnean Society</i> , 1996, 57, 385-410. | 1.6 | 166 |
| 58 | Cladistic analyses of the animal kingdom. <i>Biological Journal of the Linnean Society</i> , 1996, 57, 385-410. | 1.6 | 41 |
| 59 | Larval and Adult Characters in Animal Phylogeny. <i>American Zoologist</i> , 1994, 34, 492-501. | 0.7 | 32 |
| 60 | The Development of the Brachiopod <i>Crania (Neocrania) anomala</i> (O. F. MÅller) and its Phylogenetic Significance. <i>Acta Zoologica</i> , 1991, 72, 7-28. | 0.8 | 134 |
| 61 | The Tentacle Cilia of <i>Aglantha digitale</i> (Hydrozoa: Trachylina) and their Control. <i>Acta Zoologica</i> , 1989, 70, 133-141. | 0.8 | 17 |
| 62 | Structure and Function of Metazoan Ciliary Bands and Their Phylogenetic Significance. <i>Acta Zoologica</i> , 1987, 68, 205-262. | 0.8 | 247 |
| 63 | <i>Haeckelia</i> (= <i>Euchlora</i>) and <i>Hydroctena</i> and the phylogenetic interrelationships of Cnidaria and Ctenophora. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 1987, 25, 9-12. | 1.4 | 2 |
| 64 | Animal phylogeny in the light of the trochaea theory. <i>Biological Journal of the Linnean Society</i> , 1985, 25, 243-299. | 1.6 | 123 |
| 65 | On the biology of the prosobranch <i>Lacuna Parvain</i> the Åresund. <i>Ophelia</i> , 1981, 20, 1-16. | 0.3 | 20 |
| 66 | Cystid Structure and Protrusion of the Polypide in <i>Crisia</i> (Bryozoa, Cyclostomata). <i>Acta Zoologica</i> , 1979, 60, 65-88. | 0.8 | 53 |
| 67 | Phylogenetic Considerations: The Protostomian Relationships. , 1977, , 519-534. | | 7 |
| 68 | Structure and function of an entoproct tentacle with a discussion of ciliary feeding types. <i>Ophelia</i> , 1976, 15, 115-140. | 0.3 | 52 |
| 69 | Notes on boring bivalves from Phuket, Thailand. <i>Ophelia</i> , 1976, 15, 141-148. | 0.3 | 9 |
| 70 | Entoproct life-cycles and the entoproct/ectoproct relationship. <i>Ophelia</i> , 1971, 9, 209-341. | 0.3 | 168 |
| 71 | On metamorphosis and ancestrula formation in cyclostomatous bryozoans. <i>Ophelia</i> , 1970, 7, 217-256. | 0.3 | 67 |
| 72 | Metamorphosis of the larva of <i>Loxosomella murmanica</i> (Nilus) (Entoprocta). <i>Ophelia</i> , 1967, 4, 85-89. | 0.3 | 8 |

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|----|---|-----|-----------|
| 73 | The larvae of <i>Loxosoma pectinaricola</i> and <i>Loxosomella elegans</i> (Entoprocta). <i>Ophelia</i> , 1967, 4, 203-206. | 0.3 | 10 |
| 74 | Some Loxosomatidae (Entoprocta) from the Atlantic coast of the United States. <i>Ophelia</i> , 1966, 3, 249-275. | 0.3 | 25 |
| 75 | On the life-cycle of some loxosomatidae (Entoprocta). <i>Ophelia</i> , 1966, 3, 221-247. | 0.3 | 26 |
| 76 | Studies on Danish entoprocta. <i>Ophelia</i> , 1964, 1, 1-76. | 0.3 | 53 |
| 77 | Entoprocta from the Bergen area. <i>Sarsia</i> , 1964, 17, 1-6. | 0.5 | 5 |
| 78 | Three new species of entoprocta from West Norway. <i>Sarsia</i> , 1961, 1, 39-45. | 0.5 | 19 |