# Allen G Collins

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 120 papers | 8,041 citations | 71004 43 h-index | 60403 85 g-index |
| 135 all docs | 135 docs citations | 135 times ranked | 7442 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A collection of hexactinellids (Porifera) from the deep South Atlantic and North Pacific: new genus, new species and new records. PeerJ, 2020, 8, e9431. | 0.9 | 3 |
| 20 | Box, stalked, and upside-down? Draft genomes from diverse jellyfish (Cnidaria, Acraspeda) lineages: Alatina alata (Cubozoa), Calvadosia cruxmelitensis (Staurozoa), and Cassiopea xamachana (Scyphozoa). GigaScience, 2019, 8, . | 3.3 | 53 |
| 21 | Integrating morphological and molecular taxonomy with the revised concept of Stelligeridae (Porifera: Demospongiae). Zoological Journal of the Linnean Society, 2019, 187, 31-81. | 1.0 | 10 |
| 22 | Predominant east to west colonizations across major oceanic barriers: Insights into the phylogeographic history of the hydroid superfamily Plumularioidea, suggested by a mitochondrial DNA barcoding marker. Ecology and Evolution, 2019, 9, 13001-13016. | 0.8 | 8 |
| 23 | Eyes in Staurozoa (Cnidaria): a review. PeerJ, 2019, 7, e6693. | 0.9 | 8 |
| 24 | Loss of metagenesis and evolution of a parasitic life style in a group of open-ocean jellyfish. Molecular Phylogenetics and Evolution, 2018, 124, 50-59. | 1.2 | 20 |
| 25 | A review of the global diversity and natural history of stalked jellyfishes (Cnidaria, Staurozoa). Marine Biodiversity, 2018, 48, 1695-1714. | 0.3 | 23 |
| 26 | Hundreds of genetic barcodes of the species-rich hydroid superfamily Plumularioidea (Cnidaria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 | 1.6 | 19 |
| 27 | Comparative morphology and evolution of the cnidosac in Cladobranchia (Gastropoda:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 | 0.9 | 33 |
| 28 | Upside-Down but Headed in the Right Direction: Review of the Highly Versatile Cassiopea xamachana System. Frontiers in Ecology and Evolution, 2018, 6, . | 1.1 | 81 |
| 29 | Phylogeny and morphological evolution of the soâ€called bougainvilliids (Hydrozoa, Hydroidolina). Zoologica Scripta, 2018, 47, 608-622. | 0.7 | 7 |
| 30 | Phylogenomics provides a robust topology of the major cnidarian lineages and insights on the origins of key organismal traits. BMC Evolutionary Biology, 2018, 18, . | 3.2 | 182 |
| 31 | Stalked jellyfishes (Cnidaria: Staurozoa) of South Africa, with the description of Calvadosia lewisi sp. nov.. Zootaxa, 2017, 4227, 369. | 0.2 | 7 |
| 32 | Evolution of the claustrum in Cnidaria: comparative anatomy reveals that it is exclusive to some species of Staurozoa and absent in Cubozoa. Organisms Diversity and Evolution, 2017, 17, 753-766. | 0.7 | 5 |
| 33 | The perils of online biogeographic databases: a case study with the â€˜monospecificâ€™ genus Aegina (Cnidaria, Hydrozoa, Narcomedusae). Marine Biology Research, 2017, 13, 494-512. | 0.3 | 30 |
| 34 | Phylogenetic relationships of Proboscoida Broch, 1910 (Cnidaria, Hydrozoa): Are traditional morphological diagnostic characters relevant for the delimitation of lineages at the species, genus, and family levels?. Molecular Phylogenetics and Evolution, 2017, 106, 118-135. | 1.2 | 33 |
| 35 | Multigene phylogeny of the scyphozoan jellyfish family Pelagiidae reveals that the common U.S. Atlantic sea nettle comprises two distinct species (Chrysaora quinquecirrhaandC.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 0.8 | 50 |
| 36 | The importance of standardization for biodiversity comparisons: A case study using autonomous reef monitoring structures (ARMS) and metabarcoding to measure cryptic diversity on Moâ€™orea coral reefs, French Polynesia. PLoS ONE, 2017, 12, e0175066. | 1.1 | 75 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Prey preference follows phylogeny: evolutionary dietary patterns within the marine gastropod group Cladobranchia (Gastropoda: Heterobranchia: Nudibranchia). BMC Evolutionary Biology, 2017, 17, 221. | 3.2 | 53 |
| 38 | Systematics of stalked jellyfishes (Cnidaria: Staurozoa). PeerJ, 2016, 4, e1951. | 0.9 | 36 |
| 39 | Box JellyfishAlatina alataHas a Circumtropical Distribution. Biological Bulletin, 2016, 231, 152-169. | 0.7 | 30 |
| 40 | DNA barcodes unite two problematic taxa: the meiobenthic Boreohydra simplex is a life-cycle stage of Plotocnide borealis (Hydrozoa: Aplanulata). Zootaxa, 2016, 4150, 85-92. | 0.2 | 13 |
| 41 | First record of the box jellyfishTripedalia cystophora(Cnidaria: Cubozoa: Tripedaliidae) in the Gulf of Mexico. Proceedings of the Biological Society of Washington, 2016, 129, 164-172. | 0.3 | 5 |
| 42 | A new transcriptome and transcriptome profiling of adult and larval tissue in the box jellyfish Alatina alata: an emerging model for studying venom, vision and sex. BMC Genomics, 2016, 17, 650. | 1.2 | 31 |
| 43 | Insights into the transcriptional and translational mechanisms of linear organellar chromosomes in the box jellyfish Alatina alata (Cnidaria: Medusozoa: Cubozoa). RNA Biology, 2016, 13, 799-809. | 1.5 | 4 |
| 44 | Comparative internal anatomy of Staurozoa (Cnidaria), with functional and evolutionary inferences. PeerJ, 2016, 4, e2594. | 0.9 | 19 |
| 45 | Phylogenomic Analyses Support Traditional Relationships within Cnidaria. PLoS ONE, 2015, 10, e0139068. | 1.1 | 191 |
| 46 | Vansoestia caribensis gen. nov., sp. nov.: first report of the family Ianthellidae (Verongida, Demospongiae) in the CaribbeanÂ. Zootaxa, 2015, 3956, 403. | 0.2 | 4 |
| 47 | Relationships within Cladobranchia (Gastropoda: Nudibranchia) based on RNA-Seq data: an initial investigation. Royal Society Open Science, 2015, 2, 150196. | 1.1 | 44 |
| 48 | IsHaootia quadriformisrelated to extant Staurozoa (Cnidaria)? Evidence from the muscular system reconsidered. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142396. | 1.2 | 13 |
| 49 | Phylogenetic analysis of higher-level relationships within Hydroidolina (Cnidaria: Hydrozoa) using mitochondrial genome data and insight into their mitochondrial transcription. PeerJ, 2015, 3, e1403. | 0.9 | 43 |
| 50 | Description of the eudoxid stages ofLensia havockandLensia leloupi(Cnidaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T and Biodiversity, 2014, 12, 163-180. | 0.5 | 11 |
| 51 | The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. Journal of Heredity, 2014, 105, 1-18. | 1.0 | 96 |
| 52 | Specimen collection: An essential tool. Science, 2014, 344, 814-815. | 6.0 | 169 |
| 53 | Cnidarian phylogenetic relationships as revealed by mitogenomics. BMC Evolutionary Biology, 2013, 13, 5. | 3.2 | 185 |
| 54 | Nearly Complete 28S rRNA Gene Sequences Confirm New Hypotheses of Sponge Evolution. Integrative and Comparative Biology, 2013, 53, 373-387. | 0.9 | 68 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Phylogenetic placement of Hydra and relationships within Aplanulata (Cnidaria: Hydrozoa). Molecular Phylogenetics and Evolution, 2013, 67, 60-71. | 1.2 | 24 |
| 56 | Putting GenBank Data on the Map. Science, 2013, 341, 1341-1341. | 6.0 | 25 |
| 57 | A Molecular Phylogeny for the Order Clathrinida Rekindles and Refines Haeckel's Taxonomic Proposal for Calcareous Sponges. Integrative and Comparative Biology, 2013, 53, 447-461. | 0.9 | 33 |
| 58 | Internal anatomy ofHaliclystus antarcticus(Cnidaria, Staurozoa) with a discussion on histological features used in staurozoan taxonomy. Journal of Morphology, 2013, 274, 1365-1383. | 0.6 | 19 |
| 59 | Molecular paleobiology of early-branching animals: integrating DNA and fossils elucidates the evolutionary history of hexactinellid sponges. Paleobiology, 2013, 39, 95-108. | 1.3 | 19 |
| 60 | Phylogeny and Systematics of Demospongiae in Light of New Small-Subunit Ribosomal DNA (18S) Sequences. Integrative and Comparative Biology, 2013, 53, 388-415. | 0.9 | 138 |
| 61 | The end of an enigmatic taxon:Eudoxia macrais the eudoxid stage ofÂLensia cossack(Siphonophora, Cnidaria). Systematics and Biodiversity, 2013, 11, 381-387. | 0.5 | 10 |
| 62 | Phylogenetic Novelties and Geographic Anomalies among Tropical Verongida. Integrative and Comparative Biology, 2013, 53, 482-494. | 0.9 | 12 |
| 63 | Mycalina: Another Crack in the Poecilosclerida Framework. Integrative and Comparative Biology, 2013, 53, 462-472. | 0.9 | 13 |
| 64 | Molecular Phylogenies Support Homoplasy of Multiple Morphological Characters Used in the Taxonomy of Heteroscleromorpha (Porifera: Demospongiae). Integrative and Comparative Biology, 2013, 53, 428-446. | 0.9 | 50 |
| 65 | Low genetic diversity of the putatively introduced, brackish water hydrozoan,Blackfordia virginica(Leptothecata: Blackfordiidae), throughout the United States, with a new record for Lake Pontchartrain, Louisiana. Proceedings of the Biological Society of Washington, 2013, 126, 91-102. | 0.3 | 10 |
| 66 | Reconstruction of Family-Level Phylogenetic Relationships within Demospongiae (Porifera) Using Nuclear Encoded Housekeeping Genes. PLoS ONE, 2013, 8, e50437. | 1.1 | 47 |
| 67 | <p><strong>Redescription of <em>Alatina</em> <em>alata</em> (Reynaud, 1830) (Cnidaria: Cubozoa) from Bonaire, Dutch Caribbean</strong></p>. Zootaxa, 2013, 3737, 473. | 0.2 | 22 |
| 68 | First Complete Mitochondrial Genome Sequence from a Box Jellyfish Reveals a Highly Fragmented Linear Architecture and Insights into Telomere Evolution. Genome Biology and Evolution, 2012, 4, 52-58. | 1.1 | 57 |
| 69 | Evolution of Linear Mitochondrial Genomes in Medusozoan Cnidarians. Genome Biology and Evolution, 2012, 4, 1-12. | 1.1 | 122 |
| 70 | The Magnitude of Global Marine Species Diversity. Current Biology, 2012, 22, 2189-2202. | 1.8 | 797 |
| 71 | On the occurrence of freshwater jellyfish in Japan 1928â€“2011: eighty-three years of records ofmamizu kurage(Limnomedusae, Olindiidae). Proceedings of the Biological Society of Washington, 2012, 125, 165-179. | 0.3 | 15 |
| 72 | Introduction to Animal DNA Barcoding Protocols. Methods in Molecular Biology, 2012, 858, 11-16. | 0.4 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Naming the Bonaire banded box jelly, Tamoya ohboya, n. sp. (Cnidaria: Cubozoa: Carybdeida: Tamoyidae). Zootaxa, 2011, 2753, 53. | 0.2 | 31 |
| 74 | First report of the box jellyfish Tripedalia cystophora (Cubozoa: Tripedaliidae) in the continental USA, from Lake Wyman, Boca Raton, Florida. Marine Biodiversity Records, 2011, 4, . | 1.2 | 10 |
| 75 | Molecules Clarify a Cnidarian Life Cycle â€“ The â€œHydrozoanâ€•Microhydrula limopsicola Is an Early Life Stage of the Staurozoan Haliclystus antarcticus. PLoS ONE, 2010, 5, e10182. | 1.1 | 46 |
| 76 | Evolutionary Relationships Among Scyphozoan Jellyfish Families Based on Complete Taxon Sampling and Phylogenetic Analyses of 18S and 28S Ribosomal DNA. Integrative and Comparative Biology, 2010, 50, 436-455. | 0.9 | 71 |
| 77 | Haliclystus californiensis, a â€œnewâ€•species of stauromedusa (Cnidaria: Staurozoa) from the northeast Pacific, with a key to the species of Haliclystus. Zootaxa, 2010, 2518, 49. | 0.2 | 13 |
| 78 | Evolution of box jellyfish (Cnidaria: Cubozoa), a group of highly toxic invertebrates. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 493-501. | 1.2 | 95 |
| 79 | New insights into the phylogeny of glass sponges (Porifera, Hexactinellida): Monophyly of Lyssacinosida and Euplectellinae, and the phylogenetic position of Euretidae. Molecular Phylogenetics and Evolution, 2009, 52, 257-262. | 1.2 | 25 |
| 80 | Global diversity of inland water cnidarians. Hydrobiologia, 2008, 595, 35-40. | 1.0 | 71 |
| 81 | Phylogenetic placement of the enigmatic parasite, Polypodium hydriforme, within the Phylum Cnidaria. BMC Evolutionary Biology, 2008, 8, 139. | 3.2 | 58 |
| 82 | Glass sponges (Porifera, Hexactinellida) of the northern Mid-Atlantic Ridge. Marine Biology Research, 2008, 4, 25-47. | 0.3 | 27 |
| 83 | Phylogeny and Evolution of Glass Sponges (Porifera, Hexactinellida). Systematic Biology, 2008, 57, 388-405. | 2.7 | 132 |
| 84 | Phylogenetics of Hydroidolina (Hydrozoa: Cnidaria). Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 1663-1672. | 0.4 | 92 |
| 85 | Phylogenetics of Trachylina (Cnidaria: Hydrozoa) with new insights on the evolution of some problematical taxa. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 1673-1685. | 0.4 | 81 |
| 86 | Protohydra leuckarti near Plymouth. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 1555-1557. | 0.4 | 1 |
| 87 | Mitochondrial and Nuclear Genes Suggest that Stony Corals Are Monophyletic but Most Families of Stony Corals Are Not (Order Scleractinia, Class Anthozoa, Phylum Cnidaria). PLoS ONE, 2008, 3, e3222. | 1.1 | 268 |
| 88 | Sexually Dimorphic Cubomedusa Carybdea sivickisi (Cnidaria: Cubozoa) in Seto, Wakayama, Japan. Publications of the Seto Marine Biological Laboratory, 2008, 40, 1-8. | 1.4 | 23 |
| 89 | Exceptionally Preserved Jellyfishes from the Middle Cambrian. PLoS ONE, 2007, 2, e1121. | 1.1 | 131 |
| 90 | Fossils and phylogenies: integrating multiple lines of evidence to investigate the origin of early major metazoan lineages. Integrative and Comparative Biology, 2007, 47, 744-751. | 0.9 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | <p><strong>The phylum Cnidaria: A review of phylogenetic patterns and diversity 300 years after Linnaeus*</strong></p>. Zootaxa, 2007, 1668, 127-182. | 0.2 | 348 |
| 92 | Global diversity of inland water cnidarians. , 2007, , 35-40. | | 6 |
| 93 | Solution to the phylogenetic enigma of Tetraplatia , a worm-shaped cnidarian. Biology Letters, 2006, 2, 120-124. | 1.0 | 16 |
| 94 | Medusozoan Phylogeny and Character Evolution Clarified by New Large and Small Subunit rDNA Data and an Assessment of the Utility of Phylogenetic Mixture Models. Systematic Biology, 2006, 55, 97-115. | 2.7 | 331 |
| 95 | Reassessment of the phylogenetic position of conulariids (?Ediacaranâ€Triassic) within the subphylum medusozoa (phylum cnidaria). Journal of Systematic Palaeontology, 2006, 4, 109-118. | 0.6 | 105 |
| 96 | Naked corals: Skeleton loss in Scleractinia. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9096-9100. | 3.3 | 221 |
| 97 | Phylogeny of Capitata and Corynidae (Cnidaria, Hydrozoa) in light of mitochondrial 16S rDNA data. Zoologica Scripta, 2005, 34, 91-99. | 0.7 | 68 |
| 98 | Phylogenetic Context and Basal Metazoan Model Systems. Integrative and Comparative Biology, 2005, 45, 585-594. | 0.9 | 38 |
| 99 | A New Deepwater Species of Stauromedusae,Lucernaria janetae(Cnidaria, Staurozoa, Lucernariidae), and a Preliminary Investigation of Stauromedusan Phylogeny Based on Nuclear and Mitochondrial rDNA Data. Biological Bulletin, 2005, 208, 221-230. | 0.7 | 40 |
| 100 | REDUCTIO AD ABSURDUM: TESTING THE EVOLUTIONARY RELATIONSHIPS OF EDIACARAN AND PALEOZOIC PROBLEMATIC FOSSILS USING MOLECULAR DIVERGENCE DATES. Journal of Paleontology, 2004, 78, 51-61. | 0.5 | 32 |
| 101 | Ellobiopsids of the Genus Thalassomyces are Alveolates. Journal of Eukaryotic Microbiology, 2004, 51, 246-252. | 0.8 | 28 |
| 102 | Placozoa â€“ no longer a phylum of one. Current Biology, 2004, 14, R944-R945. | 1.8 | 111 |
| 103 | Cladistic analysis of Medusozoa and cnidarian evolution. Invertebrate Biology, 2004, 123, 23-42. | 0.3 | 240 |
| 104 | Anthropogenic impacts and historical decline in body size of rocky intertidal gastropods in southern California. Ecology Letters, 2003, 6, 205-211. | 3.0 | 198 |
| 105 | Phylogeny of Opisthokonta and the evolution of multicellularity and complexity in Fungi and Metazoa. International Journal of Astrobiology, 2003, 2, 203-211. | 0.9 | 97 |
| 106 | Jellyfish Antivenoms: Past, Present, and Future. Toxin Reviews, 2003, 22, 115-127. | 1.5 | 17 |
| 107 | A preliminary phylogeny of Pelagiidae (Cnidaria, Scyphozoa), with new observations of Chrysaora colorata comb. nov.. Journal of Natural History, 2002, 36, 127-148. | 0.2 | 37 |
| 108 | Molecules and Evolutionary History. The Paleontological Society Special Publications, 2002, 11, 195-210. | 0.0 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Recent introduction of the dominant tunicate, Pyura praeputialis (Urochordata, Pyuridae) to Antofagasta, Chile. Molecular Ecology, 2002, 11, 1579-1584. | 2.0 | 54 |
| 110 | Phylogeny of Medusozoa and the evolution of cnidarian life cycles. Journal of Evolutionary Biology, 2002, 15, 418-432. | 0.8 | 300 |
| 111 | Evolution of river dolphins. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 549-556. | 1.2 | 171 |
| 112 | Defining phyla: evolutionary pathways to metazoan body plans. Evolution & Development, 2001, 3, 432-442. | 1.1 | 68 |
| 113 | Evaluating hypotheses of basal animal phylogeny using complete sequences of large and small subunit rRNA. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9707-9712. | 3.3 | 354 |
| 114 | The significance of moulting in Ecdysozoan evolution. Evolution & Development, 2000, 2, 152-156. | 1.1 | 97 |
| 115 | Modern mucociliary creeping trails and the bodyplans of Neoproterozoic trace-makers. Paleobiology, 2000, 26, 47-55. | 1.3 | 46 |
| 116 | Evaluating multiple alternative hypotheses for the origin of Bilateria: An analysis of 18S rRNA molecular evidence. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15458-15463. | 3.3 | 235 |
| 117 | <title>Evolution of biologic complexity: evidence from geology, paleontology, and molecular biology</title>. , 1998, 3441, 138. | | 1 |
| 118 | A new chondrophorine (Cnidaria, Hydrozoa) from the cadiz formation (Middle Cambrian) of California. Palaontologische Zeitschrift, 1995, 69, 7-17. | 0.8 | 14 |
| 119 | Morphological complexity increase in metazoans. Paleobiology, 1994, 20, 131-142. | 1.3 | 232 |
| 120 | Systematics as a Hypothesis-Based Science and its Fundamental Role in Understanding Oceans. , 0, , . | | 1 |