

# Stephen D Atkinson

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	INVOLVEMENT OF MANAYUNKIA SPECIOSA (ANNELIDA: POLYCHAETA: SABELLIDAE) IN THE LIFE CYCLE OF PARVICAPSULA MINIBICORNIS, A MYXOZOAN PARASITE OF PACIFIC SALMON. <i>Journal of Parasitology</i> , 2006, 92, 742-748.	0.7	74
2	Myxozoan parasitism in waterfowl. <i>International Journal for Parasitology</i> , 2008, 38, 1199-1207.	3.1	65
3	A cnidarian parasite of salmon (Myxozoa: <i>Henneguya</i> ) lacks a mitochondrial genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5358-5363.	7.1	63
4	Myxozoans: Ancient metazoan parasites find a home in phylum Cnidaria. <i>Zoology</i> , 2018, 129, 66-68.	1.2	55
5	Evolutionary origin of <i>Ceratonova shasta</i> and phylogeny of the marine myxosporean lineage. <i>Molecular Phylogenetics and Evolution</i> , 2015, 86, 75-89.	2.7	48
6	Alternate spore stages of <i>Myxobilatus gasterostei</i> , a myxosporean parasite of three-spined sticklebacks ( <i>Gasterosteus aculeatus</i> ) and oligochaetes ( <i>Nais communis</i> ). <i>Parasitology Research</i> , 2009, 104, 1173-1181.	1.6	30
7	Myxozoan polar tubules display structural and functional variation. <i>Parasites and Vectors</i> , 2016, 9, 549.	2.5	29
8	Functional and proteomic analysis of <i>Ceratonova shasta</i> (Cnidaria: Myxozoa) polar capsules reveals adaptations to parasitism. <i>Scientific Reports</i> , 2017, 7, 9010.	3.3	27
9	Amazonian waters harbour an ancient freshwater <i>Ceratomyxa</i> lineage (Cnidaria: Myxosporea). <i>Acta Tropica</i> , 2017, 169, 100-106.	2.0	23
10	<i>Ceratomyxa gracillima</i> n. sp. (Cnidaria: Myxosporea) provides evidence of panmixia and ceratomyxid radiation in the Amazon basin. <i>Parasitology</i> , 2018, 145, 1137-1146.	1.5	21
11	A comparison of the structure and function of nematocysts in free-living and parasitic cnidarians (Myxozoa). <i>International Journal for Parasitology</i> , 2020, 50, 763-769.	3.1	19
12	Novel <i>Henneguya</i> spp. (Cnidaria: Myxozoa) from cichlid fish in the Amazon basin cluster by geographic origin. <i>Parasitology Research</i> , 2018, 117, 849-859.	1.6	16
13	Widespread Distribution of <i>Ceratonova shasta</i> (Cnidaria: Myxosporea) Genotypes Indicates Evolutionary Adaptation to its Salmonid Fish Hosts. <i>Journal of Parasitology</i> , 2018, 104, 645.	0.7	16
14	The invertebrate host of salmonid fish parasites <i>Ceratonova shasta</i> and <i>Parvicapsula minibicornis</i> (Cnidaria: Myxozoa), is a novel fabriciid annelid, <i>Manayunkia occidentalis</i> sp. nov. (Sabellida: Tj ETQqO 0 0 rgBT /Ovedlock 1016 50 217		
15	Novel <i>Myxobolus</i> and <i>Ellipsomyxa</i> species (Cnidaria: Myxozoa) parasiting <i>Brachyplatystoma rousseauxii</i> (Siluriformes: Pimelodidae) in the Amazon basin, Brazil. <i>Parasitology International</i> , 2018, 67, 612-621.	1.3	15
16	Genotyping of individual <i>Ceratonova shasta</i> (Cnidaria: Myxosporea) myxospores reveals intra-spore ITS-1 variation and invalidates the distinction of genotypes II and III. <i>Parasitology</i> , 2018, 145, 1588-1593.	1.5	14
17	Transcriptome-Wide Comparisons and Virulence Gene Polymorphisms of Host-Associated Genotypes of the Cnidarian Parasite <i>Ceratonova shasta</i> in Salmonids. <i>Genome Biology and Evolution</i> , 2020, 12, 1258-1276.	2.5	14
18	Countering morphological ambiguities: development of a PCR assay to assist the identification of <i>Tubifex tubifex</i> oligochaetes. <i>Hydrobiologia</i> , 2005, 543, 305-309.	2.0	13

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19	Myxosporea (Myxozoa, Cnidaria) Lack DNA Cytosine Methylation. <i>Molecular Biology and Evolution</i> , 2021, 38, 393-404.	8.9	12
20	Evaluation of a Management Strategy to Control the Spread of <i>Myxobolus cerebralis</i> in a Lower Columbia River Tributary. <i>North American Journal of Fisheries Management</i> , 2007, 27, 542-550.	1.0	10
21	A novel myxosporean parasite <i>Myxobolus klamathellus</i> n. sp. (Cnidaria: Myxosporea) from native blue chub ( <i>Gila coerulea</i> ) in Klamath Lake, Oregon. <i>Parasitology Research</i> , 2017, 116, 299-302.	1.6	10
22	Proteomic Analysis of the Parasitic Cnidarian <i>Ceratonova shasta</i> (Cnidaria: Myxozoa) Reveals Diverse Roles of Actin in Motility and Spore Formation. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	9
23	A novel myxozoan parasite of terrestrial mammals: description of <i>Soricimyxum minuti</i> sp. n. (Myxosporea) in pygmy shrew <i>Sorex minutus</i> from Hungary. <i>Folia Parasitologica</i> , 2015, 62, .	1.3	9
24	Distribution and Prevalence of <i>Myxobolus cerebralis</i> in Postfire Areas of Plumas National Forest: Utility of Environmental DNA Sampling. <i>Journal of Aquatic Animal Health</i> , 2018, 30, 130-143.	1.4	8
25	A new mitochondrial gene order in the banded cusk-eel <i>Raneya brasiliensis</i> (Actinopterygii). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.4	8
26	A myxozoan genome reveals mosaic evolution in a parasitic cnidarian. <i>BMC Biology</i> , 2022, 20, 51.	3.8	8
27	Validation of environmental DNA sampling for determination of <i>Ceratonova shasta</i> (Cnidaria: Myxozoa). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.6	7
28	<i>Henneguya</i> (Cnidaria: Myxosporea: Myxobolidae) infections of cultured barramundi, <i>Lates calcarifer</i> (Perciformes: Latidae) in an estuarine wetlands system of Malaysia: description of <i>Henneguya setiuensis</i> n. sp., <i>Henneguya voronini</i> n. sp. and <i>Henneguya calcarifer</i> n. sp.. <i>Parasitology Research</i> , 2020, 119, 85-96.	1.6	6
29	Mitochondrial genome of the freshwater annelid <i>Manayunkia occidentalis</i> (Sabellida). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.4	6
30	<i>Myxobolus</i> spp. (Cnidaria: Myxozoa) in introduced yellow perch <i>Perca flavescens</i> (Mitchill, 1814). <i>Parasitology Research</i> , 2020, 119, 893-901.	1.6	6
31	Evolutionary Analysis of Cystatins of Early-Emerging Metazoans Reveals a Novel Subtype in Parasitic Cnidarians. <i>Biology</i> , 2021, 10, 110.	2.8	6
32	A synopsis of records of myxozoan parasites (Cnidaria: Myxozoa) from shrews, with additional data on <i>Soricimyxum fegati</i> from common shrew <i>Sorex araneus</i> in Hungary and pygmy shrew <i>Sorex minutus</i> in Slovakia. <i>Folia Parasitologica</i> , 2016, 63, .	1.3	6
33	First Myxozoan Infection (Cnidaria: Myxosporea) in a Marine Polychaete from North America and Erection of Actinospore Collective Group <i>Saccimyxon</i> . <i>Journal of Parasitology</i> , 2019, 105, 252.	0.7	5
34	Supplemental Description of <i>Myxobolus squamalis</i> (Myxozoa). <i>Journal of Parasitology</i> , 2013, 99, 725-728.	0.7	4
35	Evolutionary dynamics of <i>Ceratonova</i> species (Cnidaria: Myxozoa) reveal different host adaptation strategies. <i>Infection, Genetics and Evolution</i> , 2020, 78, 104081.	2.3	4
36	<i>In vitro</i> and <i>in vivo</i> assays reveal that cations affect nematocyst discharge in <i>Myxobolus cerebralis</i> (Cnidaria: Myxozoa). <i>Parasitology</i> , 2020, 147, 1352-1358.	1.5	4

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37	The cnidarian parasite <i>Ceratonova shasta</i> utilizes inherited and recruited venom-like compounds during infection. <i>PeerJ</i> , 2021, 9, e12606.	2.0	4
38	Occurrence of two novel actinospore types (Cnidaria: Myxozoa) in fish farms in Mato Grosso do Sul state, Brazil. <i>Parasitology Research</i> , 2018, 117, 1757-1764.	1.6	3
39	Proteases as Therapeutic Targets Against the Parasitic Cnidarian <i>Ceratonova shasta</i> : Characterization of Molecules Key to Parasite Virulence In Salmonid Hosts. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 804864.	3.9	3
40	Description of myxosporeans (Cnidaria: Myxozoa) infecting the popular food fish <i>Notopterus notopterus</i> (Pisces: Notopteridae) in Malaysia and India. <i>Food and Waterborne Parasitology</i> , 2020, 20, e00092.	2.7	2
41	Two novel myxosporean parasite species of <i>Ceratomyxa ThÃ©lohan, 1892</i> from the banded cusk-eel <i>Raneya brasiliensis</i> (Kaup) (Ophidiiformes: Ophidiidae) off Patagonia, Argentina. <i>Parasitology International</i> , 2021, 85, 102433.	1.3	2
42	<i>Myxobolus cerebralis</i> Causes Presporogonic Mortality in Juvenile Mountain Whitefish. <i>Journal of Aquatic Animal Health</i> , 2021, 33, 116-122.	1.4	0
43	Novel and known myxobolids (Cnidaria, Myxozoa) infecting <i>Chondrostoma angorense</i> (Cypriniformes: Cyprinidae). <i>Journal of Parasitology</i> , 2021, 111, 102433.	1.3	0
44	First Myxozoan Infection (Cnidaria: Myxosporea) in a Marine Polychaete from North America and Erection of Actinospore Collective Group <i>Saccimyxon</i> . <i>Journal of Parasitology</i> , 2019, 105, 252-262.	0.7	0