

# Jerri L Bartholomew

## List of Publications by Year in descending order

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74  
papers

2,934  
citations

279798

23  
h-index

175258

52  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1711  
citing authors

#	ARTICLE	IF	CITATIONS
1	IgT, a primitive immunoglobulin class specialized in mucosal immunity. <i>Nature Immunology</i> , 2010, 11, 827-835.	14.5	782
2	Recent Advances in Our Knowledge of the Myxozoa. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 395-413.	1.7	524
3	Application of a real-time PCR assay to detect and quantify the myxozoan parasite <i>Ceratomyxa shasta</i> in river water samples. <i>Diseases of Aquatic Organisms</i> , 2006, 71, 109-118.	1.0	102
4	Density of the Waterborne Parasite <i>Ceratomyxa shasta</i> and Its Biological Effects on Salmon. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3724-3731.	3.1	75
5	INVOLVEMENT OF <i>MANAYUNKIA SPECIOSA</i> (ANNELIDA: POLYCHAETA: SABELLIDAE) IN THE LIFE CYCLE OF <i>PARVICAPSULA MINIBICORNIS</i> , A MYXOZOAN PARASITE OF PACIFIC SALMON. <i>Journal of Parasitology</i> , 2006, 92, 742-748.	0.7	74
6	Mapping multiple genetic loci associated with <i>Ceratomyxa shasta</i> resistance in <i>Oncorhynchus mykiss</i> . <i>Diseases of Aquatic Organisms</i> , 2003, 56, 145-154.	1.0	73
7	Myxozoan parasitism in waterfowl. <i>International Journal for Parasitology</i> , 2008, 38, 1199-1207.	3.1	65
8	A cnidarian parasite of salmon ( <i>Myxozoa: 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
9	Biology and mucosal immunity to myxozoans. <i>Developmental and Comparative Immunology</i> , 2014, 43, 243-256.	2.3	60
10	Invasion of <i>Ceratomyxa shasta</i> ( <i>Myxozoa</i> ) and comparison of migration to the intestine between susceptible and resistant fish hosts. <i>International Journal for Parasitology</i> , 2010, 40, 1087-1095.	3.1	57
11	Myxozoans: Ancient metazoan parasites find a home in phylum Cnidaria. <i>Zoology</i> , 2018, 129, 66-68.	1.2	55
12	Disparate infection patterns of <i>Ceratomyxa shasta</i> ( <i>Myxozoa</i> ) in rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 spacer-1 sequence variation in the parasite. <i>International Journal for Parasitology</i> , 2010, 40, 599-604.	3.1	54
13	Spatial and Temporal Occurrence of the Salmonid Parasite <i>Ceratomyxa shasta</i> in the Oregonâ€“California Klamath River Basin. <i>Journal of Aquatic Animal Health</i> , 2006, 18, 194-202.	1.4	49
14	Spatial, temporal and host factors structure the <i>Ceratomyxa shasta</i> ( <i>Myxozoa</i> ) population in the Klamath River basin. <i>Infection, Genetics and Evolution</i> , 2010, 10, 1019-1026.	2.3	45
15	Effects of <i>Ceratomyxosis</i> on Population Dynamics of Klamath Fallâ€“Run Chinook Salmon. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1380-1391.	1.4	44
16	Effects of <i>Ceratomyxa shasta</i> dose on a susceptible strain of rainbow trout and comparatively resistant Chinook and coho salmon. <i>Diseases of Aquatic Organisms</i> , 2009, 86, 29-37.	1.0	40
17	Defenses of susceptible and resistant Chinook salmon ( <i>Onchorhynchus tshawytscha</i> ) against the myxozoan parasite <i>Ceratomyxa shasta</i> . <i>Fish and Shellfish Immunology</i> , 2014, 37, 87-95.	3.6	37
18	An Introduction to Myxozoan Evolution, Ecology and Development. , 2015, , 1-20.		33

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19	Dynamics of <i>Myxobolus cerebralis</i> in the Lostine River, Oregon: Implications for Resident and Anadromous Salmonids. <i>Journal of Aquatic Animal Health</i> , 2001, 13, 142-150.	1.4	31
20	Myxozoan polar tubules display structural and functional variation. <i>Parasites and Vectors</i> , 2016, 9, 549.	2.5	29
21	A Risk Assessment Based Approach for the Management of Whirling Disease. <i>Reviews in Fisheries Science</i> , 2005, 13, 205-230.	2.1	28
22	Functional and proteomic analysis of <i>Ceratomyxa shasta</i> (Cnidaria: Myxozoa) polar capsules reveals adaptations to parasitism. <i>Scientific Reports</i> , 2017, 7, 9010.	3.3	27
23	Age-Dependent Susceptibility of Chinook Salmon to <i>Myxobolus cerebralis</i> and Effects of Sustained Parasite Challenges. <i>Journal of Aquatic Animal Health</i> , 2003, 15, 136-146.	1.4	26
24	Amazonian waters harbour an ancient freshwater <i>Ceratomyxa</i> lineage (Cnidaria: Myxosporea). <i>Acta Tropica</i> , 2017, 169, 100-106.	2.0	23
25	Mortality threshold for juvenile Chinook salmon <i>Oncorhynchus tshawytscha</i> in an epidemiological model of <i>Ceratomyxa shasta</i> . <i>Diseases of Aquatic Organisms</i> , 2010, 93, 63-70.	1.0	23
26	Strategies for the Diagnosis of <i>Ceratomyxa shasta</i> Using the Polymerase Chain Reaction: Comparison of Lethal and Nonlethal Sampling with Microscopic Examination. <i>Journal of Aquatic Animal Health</i> , 2000, 12, 100-106.	1.4	22
27	Myxozoan Adhesion and Virulence: <i>Ceratomyxa shasta</i> on the Move. <i>Microorganisms</i> , 2019, 7, 397.	3.6	22
28	<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
29	Monitoring <i>Ceratomyxa shasta</i> infection during a hatchery rearing cycle: comparison of molecular, serological and histological methods. <i>Diseases of Aquatic Organisms</i> , 2004, 62, 85-92.	1.0	21
30	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
31	Distribution and abundance of the salmonid parasite <i>Parvicapsula minibicornis</i> (Myxozoa) in the Klamath River basin (Oregon-California, USA). <i>Diseases of Aquatic Organisms</i> , 2007, 78, 137-146.	1.0	18
32	Effect of <i>Nanophyetus salmincola</i> and Bacterial Co-infection on Mortality of Juvenile Chinook Salmon. <i>Journal of Aquatic Animal Health</i> , 2015, 27, 209-216.	1.4	18
33	Dam Removal and Implications for Fish Health: <i>Ceratomyxa shasta</i> in the Williamson River, Oregon, USA. <i>North American Journal of Fisheries Management</i> , 2012, 32, 14-23.	1.0	16
34	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
35	Widespread Distribution of <i>Ceratomyxa shasta</i> (Cnidaria: Myxosporea) Genotypes Indicates Evolutionary Adaptation to its Salmonid Fish Hosts. <i>Journal of Parasitology</i> , 2018, 104, 645.	0.7	16
36	The invertebrate host of salmonid fish parasites <i>Ceratomyxa shasta</i> and <i>Parvicapsula minibicornis</i> (Cnidaria: Myxozoa), is a novel fabriciid annelid, <i>Manayunkia occidentalis</i> sp. nov. (Sabellida: Tj ETQq0 0 0 rgBT / Overlock 1016 50 57 T		

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37	A tale of two fish: Comparative transcriptomics of resistant and susceptible steelhead following exposure to <i>Ceratonova shasta</i> highlights differences in parasite recognition. PLoS ONE, 2021, 16, e0234837.	2.5	16
38	To React or Not to React: The Dilemma of Fish Immune Systems Facing Myxozoan Infections. Frontiers in Immunology, 2021, 12, 734238.	4.8	16
39	Novel <i>Myxobolus</i> and <i>Ellipsomyxa</i> species (Cnidaria: Myxozoa) parasiting <i>Brachyplatystoma rousseauxii</i> (Siluriformes: Pimelodidae) in the Amazon basin, Brazil. Parasitology International, 2018, 67, 612-621.	1.3	15
40	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. Parasitology, 2018, 145, 1588-1593.	1.5	14
41	Transcriptome-Wide Comparisons and Virulence Gene Polymorphisms of Host-Associated Genotypes of the Cnidarian Parasite <i>Ceratonova shasta</i> in Salmonids. Genome Biology and Evolution, 2020, 12, 1258-1276.	2.5	14
42	Susceptibility of Juvenile and Yearling Bull Trout to <i>Myxobolus cerebralis</i> and Effects of Sustained Parasite Challenges. Journal of Aquatic Animal Health, 2003, 15, 248-255.	1.4	13
43	Countering morphological ambiguities: development of a PCR assay to assist the identification of <i>Tubifex tubifex oligochaetes</i> . Hydrobiologia, 2005, 543, 305-309.	2.0	13
44	Using Cure Models for Analyzing the Influence of Pathogens on Salmon Survival. Transactions of the American Fisheries Society, 2014, 143, 387-398.	1.4	12
45	Klamath River Thermal Refuge Provides Juvenile Salmon Reduced Exposure to the Parasite <i>Ceratonova shasta</i> . Transactions of the American Fisheries Society, 2016, 145, 810-820.	1.4	12
46	Myxosporea (Myxozoa, Cnidaria) Lack DNA Cytosine Methylation. Molecular Biology and Evolution, 2021, 38, 393-404.	8.9	12
47	Pathogens and Diseases of Fish in Aquatic Ecosystems: Implications in Fisheries Management. Journal of Aquatic Animal Health, 1998, 10, 95-100.	1.4	11
48	Predicted Redistribution of <i>Ceratomyxa shasta</i> Genotypes with Salmonid Passage in the Deschutes River, Oregon. Journal of Aquatic Animal Health, 2012, 24, 274-280.	1.4	11
49	Transmission and Persistence of <i>Ceratonova shasta</i> Genotypes in Chinook Salmon. Journal of Parasitology, 2014, 100, 773-777.	0.7	11
50	Evaluation of a Management Strategy to Control the Spread of <i>Myxobolus cerebralis</i> in a Lower Columbia River Tributary. North American Journal of Fisheries Management, 2007, 27, 542-550.	1.0	10
51	Selection of suitable reference genes for gene expression studies in myxosporean (Myxozoa, Cnidaria) parasites. Scientific Reports, 2019, 9, 15073.	3.3	10
52	Proteomic Analysis of the Parasitic Cnidarian <i>Ceratonova shasta</i> (Cnidaria: Myxozoa) Reveals Diverse Roles of Actin in Motility and Spore Formation. Frontiers in Marine Science, 2021, 8, .	2.5	9
53	First transcriptome analysis of bryozoan <i>Fredericella sultana</i> , the primary host of myxozoan parasite <i>Tetracapsuloides bryosalmonae</i> . PeerJ, 2020, 8, e9027.	2.0	9
54	Potential Dispersal of the Non-Native Parasite <i>Myxobolus cerebralis</i> in the Willamette River Basin, Oregon: A Qualitative Analysis of Risk. Reviews in Fisheries Science, 2009, 17, 360-372.	2.1	8

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55	Distribution and Prevalence of <i>Myxobolus cerebralis</i> in Postfire Areas of Plumas National Forest: Utility of Environmental <i>scp</i> DNA Sampling. <i>Journal of Aquatic Animal Health</i> , 2018, 30, 130-143.	1.4	8
56	A new mitochondrial gene order in the banded cusk-eel <i>Raneya brasiliensis</i> (Actinopterygii). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.4	10
57	Differences in inflammatory responses of rainbow trout infected by two genotypes of the myxozoan parasite <i>Ceratomyxa shasta</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103829.	2.3	8
58	Intestinal Transcriptomic and Histologic Profiling Reveals Tissue Repair Mechanisms Underlying Resistance to the Parasite <i>Ceratomyxa shasta</i> . <i>Pathogens</i> , 2021, 10, 1179.	2.8	8
59	A myxozoan genome reveals mosaic evolution in a parasitic cnidarian. <i>BMC Biology</i> , 2022, 20, 51.	3.8	8
60	Validation of environmental DNA sampling for determination of <i>Ceratomyxa shasta</i> (Cnidaria). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542</i>	1.6	7
61	Evolutionary Analysis of Cystatins of Early-Emerging Metazoans Reveals a Novel Subtype in Parasitic Cnidarians. <i>Biology</i> , 2021, 10, 110.	2.8	6
62	Prevalence of <i>Myxobolus cerebralis</i> at Juvenile Salmonid Acclimation Sites in Northeastern Oregon. <i>North American Journal of Fisheries Management</i> , 2004, 24, 146-153.	1.0	5
63	Data of de novo transcriptome assembly of the myxozoan parasite <i>Tetracapsuloides bryosalmonae</i> . <i>Data in Brief</i> , 2021, 35, 106831.	1.0	5
64	First Myxozoan Infection (Cnidaria: Myxosporidia) in a Marine Polychaete from North America and Erection of Actinosporidia Collective Group Saccimyxon. <i>Journal of Parasitology</i> , 2019, 105, 252.	0.7	5
65	Supplemental Description of <i>Myxobolus squamalis</i> (Myxozoa). <i>Journal of Parasitology</i> , 2013, 99, 725-728.	0.7	4
66	Evolutionary dynamics of <i>Ceratomyxa</i> species (Cnidaria: Myxozoa) reveal different host adaptation strategies. <i>Infection, Genetics and Evolution</i> , 2020, 78, 104081.	2.3	4
67	<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
68	Transcriptome Analysis Elucidates the Key Responses of Bryozoan <i>Fredericella sultana</i> during the Development of <i>Tetracapsuloides bryosalmonae</i> (Myxozoa). <i>International Journal of Molecular Sciences</i> , 2020, 21, 5910.	4.1	4
69	The cnidarian parasite <i>Ceratomyxa shasta</i> utilizes inherited and recruited venom-like compounds during infection. <i>PeerJ</i> , 2021, 9, e12606.	2.0	4
70	Proteases as Therapeutic Targets Against the Parasitic Cnidarian <i>Ceratomyxa 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
71	Using a mechanistic framework to model the density of an aquatic parasite <i>Ceratomyxa shasta</i> . <i>PeerJ</i> , 2022, 10, e13183.	2.0	2
72	Physiological Development and Vulnerability to <i>Ceratomyxa shasta</i> of Fall-Run Chinook Salmon in the Upper Klamath River Watershed. <i>North American Journal of Fisheries Management</i> , 2009, 29, 1743-1756.	1.0	1

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73	Myxobolus cerebralis Causes Presporogonic Mortality in Juvenile Mountain Whitefish. Journal of Aquatic Animal Health, 2021, 33, 116-122.	1.4	0
74	First Myxozoan Infection (Cnidaria: Myxosporea) in a Marine Polychaete from North America and Erection of Actinospore Collective Group Saccimyxon. Journal of Parasitology, 2019, 105, 252-262.	0.7	0