Jerri L Bartholomew

List of Publications by Year
in descending order

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	A myxozoan genome reveals mosaic evolution in a parasitic cnidarian. BMC Biology, 2022, 20, 51.	3.8	8
2	Using a mechanistic framework to model the density of an aquatic parasite Ceratonova shasta. PeerJ, 2022, 10, e13183.	2.0	2
3	Differences in inflammatory responses of rainbow trout infected by two genotypes of the myxozoan parasite Ceratonova shasta. Developmental and Comparative Immunology, 2021, 114, 103829.	2.3	8
4	Myxosporea (Myxozoa, Cnidaria) Lack DNA Cytosine Methylation. Molecular Biology and Evolution, 2021, 38, 393-404.	8.9	12
5	Evolutionary Analysis of Cystatins of Early-Emerging Metazoans Reveals a Novel Subtype in Parasitic Cnidarians. Biology, 2021, 10, 110.	2.8	6
6	A tale of two fish: Comparative transcriptomics of resistant and susceptible steelhead following exposure to Ceratonova shasta highlights differences in parasite recognition. PLoS ONE, 2021, 16, e0234837.	2.5	16
7	Proteomic Analysis of the Parasitic Cnidarian Ceratonova shasta (Cnidaria: Myxozoa) Reveals Diverse Roles of Actin in Motility and Spore Formation. Frontiers in Marine Science, 2021, 8, .	2.5	9
8	Myxobolus cerebralis Causes Presporogonic Mortality in Juvenile Mountain Whitefish. Journal of Aquatic Animal Health, 2021, 33, 116-122.	1.4	0
9	Data of de novo transcriptome assembly of the myxozoan parasite Tetracapsuloides bryosalmonae. Data in Brief, 2021, 35, 106831.	1.0	5
10	Intestinal Transcriptomic and Histologic Profiling Reveals Tissue Repair Mechanisms Underlying Resistance to the Parasite Ceratonova shasta. Pathogens, 2021, 10, 1179.	2.8	8
11	To React or Not to React: The Dilemma of Fish Immune Systems Facing Myxozoan Infections. Frontiers in Immunology, 2021, 12, 734238.	4.8	16
12	Proteases as Therapeutic Targets Against the Parasitic Cnidarian Ceratonova shasta: Characterization of Molecules Key to Parasite Virulence In Salmonid Hosts. Frontiers in Cellular and Infection Microbiology, 2021, 11, 804864.	3.9	3
13	The cnidarian parasite Ceratonova shasta utilizes inherited and recruited venom-like compounds during infection. PeerJ, 2021, 9, e12606.	2.0	4
14	Evolutionary dynamics of Ceratonova species (Cnidaria: Myxozoa) reveal different host adaptation strategies. Infection, Genetics and Evolution, 2020, 78, 104081.	2.3	4
15	Validation of environmental DNA sampling for determination of Ceratonova shasta (Cnidaria:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	7
16	In vitroandin vivoassays reveal that cations affect nematocyst discharge inMyxobolus cerebralis(Cnidaria: Myxozoa). Parasitology, 2020, 147, 1352-1358.	1.5	4
17	A comparison of the structure and function of nematocysts in free-living and parasitic cnidarians (Myxozoa). International Journal for Parasitology, 2020, 50, 763-769.	3.1	19
18	Transcriptome Analysis Elucidates the Key Responses of Bryozoan Fredericella sultana during the Development of Tetracapsuloides bryosalmonae (Myxozoa). International Journal of Molecular Sciences, 2020, 21, 5910.	4.1	4

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19	Transcriptome-Wide Comparisons and Virulence Gene Polymorphisms of Host-Associated Genotypes of the Cnidarian Parasite Ceratonova shasta in Salmonids. Genome Biology and Evolution, 2020, 12, 1258-1276.	2.5	14
20	The invertebrate host of salmonid fish parasites Ceratonova shasta andÂParvicapsula minibicornis (Cnidaria: Myxozoa), is a novel fabriciid annelid, Manayunkia occidentalis sp. nov. (Sabellida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	0.8	15
21	A cnidarian parasite of salmon (Myxozoa: Henneguya) lacks a mitochondrial genome. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5358-5363.	7.1	63
22	First transcriptome analysis of bryozoan Fredericella sultana, the primary host of myxozoan parasite Tetracapsuloides bryosalmonae. PeerJ, 2020, 8, e9027.	2.0	9
23	Selection of suitable reference genes for gene expression studies in myxosporean (Myxozoa, Cnidaria) parasites. Scientific Reports, 2019, 9, 15073.	3.3	10
24	Myxozoan Adhesion and Virulence: Ceratonova shasta on the Move. Microorganisms, 2019, 7, 397.	3.6	22
25	A new mitochondrial gene order in the banded cusk-eel Raneya brasiliensis (Actinopterygii,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	8
26	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.	0.7	5
27	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
28	Novel Henneguya spp. (Cnidaria: Myxozoa) from cichlid fish in the Amazon basin cluster by geographic origin. Parasitology Research, 2018, 117, 849-859.	1.6	16
29	Ceratomyxa gracillima n. sp. (Cnidaria: Myxosporea) provides evidence of panmixia and ceratomyxid radiation in the Amazon basin. Parasitology, 2018, 145, 1137-1146.	1.5	21
30	Distribution and Prevalence of Myxobolus cerebralis in Postfire Areas of Plumas National Forest: Utility of Environmental <scp>DNA</scp> Sampling. Journal of Aquatic Animal Health, 2018, 30, 130-143.	1.4	8
31	Genotyping of individual Ceratonova shasta (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
32	Widespread Distribution of Ceratonova shasta (Cnidaria: Myxosporea) Genotypes Indicates Evolutionary Adaptation to its Salmonid Fish Hosts. Journal of Parasitology, 2018, 104, 645.	0.7	16
33	Novel Myxobolus and Ellipsomyxa species (Cnidaria: Myxozoa) parasiting Brachyplatystoma rousseauxii (Siluriformes: Pimelodidae) in the Amazon basin, Brazil. Parasitology International, 2018, 67, 612-621.	1.3	15
34	Myxozoans: Ancient metazoan parasites find a home in phylum Cnidaria. Zoology, 2018, 129, 66-68.	1.2	55
35	Amazonian waters harbour an ancient freshwater Ceratomyxa lineage (Cnidaria: Myxosporea). Acta Tropica, 2017, 169, 100-106.	2.0	23
36	Functional and proteomic analysis of Ceratonova shasta (Cnidaria: Myxozoa) polar capsules reveals adaptations to parasitism. Scientific Reports, 2017, 7, 9010.	3.3	27

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37	Myxozoan polar tubules display structural and functional variation. Parasites and Vectors, 2016, 9, 549.	2.5	29
38	Klamath River Thermal Refuge Provides Juvenile Salmon Reduced Exposure to the Parasite Ceratonova shasta. Transactions of the American Fisheries Society, 2016, 145, 810-820.	1.4	12
39	Effect of Nanophyetus salmincola and Bacterial Coâ€Infection on Mortality of Juvenile Chinook Salmon. Journal of Aquatic Animal Health, 2015, 27, 209-216.	1.4	18
40	An Introduction to Myxozoan Evolution, Ecology and Development. , 2015, , 1-20.		33
41	Transmission and Persistence ofCeratonova shastaGenotypes in Chinook Salmon. Journal of Parasitology, 2014, 100, 773-777.	0.7	11
42	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
43	Biology and mucosal immunity to myxozoans. Developmental and Comparative Immunology, 2014, 43, 243-256.	2.3	60
44	Defenses of susceptible and resistant Chinook salmon (Onchorhynchus tshawytscha) against the myxozoan parasite Ceratomyxa shasta. Fish and Shellfish Immunology, 2014, 37, 87-95.	3.6	37
45	Supplemental Description ofMyxobolus squamalis(Myxozoa). Journal of Parasitology, 2013, 99, 725-728.	0.7	4
46	Predicted Redistribution ofCeratomyxa shastaGenotypes with Salmonid Passage in the Deschutes River, Oregon. Journal of Aquatic Animal Health, 2012, 24, 274-280.	1.4	11
47	Dam Removal and Implications for Fish Health: Ceratomyxa shasta in the Williamson River, Oregon, USA. North American Journal of Fisheries Management, 2012, 32, 14-23.	1.0	16
48	Density of the Waterborne Parasite Ceratomyxa shasta and Its Biological Effects on Salmon. Applied and Environmental Microbiology, 2012, 78, 3724-3731.	3.1	75
49	Effects of Ceratomyxosis on Population Dynamics of Klamath Fallâ€Run Chinook Salmon. Transactions of the American Fisheries Society, 2011, 140, 1380-1391.	1.4	44
50	Disparate infection patterns of Ceratomyxa shasta (Myxozoa) in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 spacer-1 sequence variation in the parasite. International Journal for Parasitology, 2010, 40, 599-604.	3.1	54
51	Invasion of Ceratomyxa shasta (Myxozoa) and comparison of migration to the intestine between susceptible and resistant fish hosts. International Journal for Parasitology, 2010, 40, 1087-1095.	3.1	57
52	Spatial, temporal and host factors structure the Ceratomyxa shasta (Myxozoa) population in the Klamath River basin. Infection, Genetics and Evolution, 2010, 10, 1019-1026.	2.3	45
53	IgT, a primitive immunoglobulin class specialized in mucosal immunity. Nature Immunology, 2010, 11, 827-835.	14.5	782
54	Mortality threshold for juvenile Chinook salmon Oncorhynchus tshawytscha in an epidemiological model of Ceratomyxa shasta. Diseases of Aquatic Organisms, 2010, 93, 63-70.	1.0	23

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55	Potential Dispersal of the Non-Native Parasite Myxobolus cerebralis in the Willamette River Basin, Oregon: A Qualitative Analysis of Risk. Reviews in Fisheries Science, 2009, 17, 360-372.	2.1	8
56	Effects of Ceratomyxa shasta dose on a susceptible strain of rainbow trout and comparatively resistant Chinook and coho salmon. Diseases of Aquatic Organisms, 2009, 86, 29-37.	1.0	40
57	Physiological Development and Vulnerability toCeratomyxa shastaof Fall-Run Chinook Salmon in the Upper Klamath River Watershed. North American Journal of Fisheries Management, 2009, 29, 1743-1756.	1.0	1
58	Myxozoan parasitism in waterfowl. International Journal for Parasitology, 2008, 38, 1199-1207.	3.1	65
59	Distribution and abundance of the salmonid parasite Parvicapsula minibicornis (Myxozoa) in the Klamath River basin (Oregon-California, USA). Diseases of Aquatic Organisms, 2007, 78, 137-146.	1.0	18
60	Evaluation of a Management Strategy to Control the Spread ofMyxobolus cerebralisin a Lower Columbia River Tributary. North American Journal of Fisheries Management, 2007, 27, 542-550.	1.0	10
61	Spatial and Temporal Occurrence of the Salmonid ParasiteCeratomyxa shastain the Oregonâ€“California Klamath River Basin. Journal of Aquatic Animal Health, 2006, 18, 194-202.	1.4	49
62	INVOLVEMENT OF MANAYUNKIA SPECIOSA (ANNELIDA: POLYCHAETA: SABELLIDAE) IN THE LIFE CYCLE OF PARVICAPSULA MINIBICORNIS, A MYXOZOAN PARASITE OF PACIFIC SALMON. Journal of Parasitology, 2006, 92, 742-748.	0.7	74
63	Application of a real-time PCR assay to detect and quantify the myxozoan parasite Ceratomyxa shasta in river water samples. Diseases of Aquatic Organisms, 2006, 71, 109-118.	1.0	102
64	Countering morphological ambiguities: development of a PCR assay to assist the identification of Tubifex tubifex oligochaetes. Hydrobiologia, 2005, 543, 305-309.	2.0	13
65	A Risk Assessment Based Approach for the Management of Whirling Disease. Reviews in Fisheries Science, 2005, 13, 205-230.	2.1	28
66	Prevalence ofMyxobolus cerebralisat Juvenile Salmonid Acclimation Sites in Northeastern Oregon. North American Journal of Fisheries Management, 2004, 24, 146-153.	1.0	5
67	Monitoring Ceratomyxa shasta infection during a hatchery rearing cycle: comparison of molecular, serological and histological methods. Diseases of Aquatic Organisms, 2004, 62, 85-92.	1.0	21
68	Age-Dependent Susceptibility of Chinook Salmon toMyxobolus cerebralisand Effects of Sustained Parasite Challenges. Journal of Aquatic Animal Health, 2003, 15, 136-146.	1.4	26
69	Susceptibility of Juvenile and Yearling Bull Trout toMyxobolus cerebralisand Effects of Sustained Parasite Challenges. Journal of Aquatic Animal Health, 2003, 15, 248-255.	1.4	13
70	Mapping multiple genetic loci associated with Ceratomyxa shasta resistance in Oncorhynchus mykiss. Diseases of Aquatic Organisms, 2003, 56, 145-154.	1.0	73
71	Recent Advances in Our Knowledge of the Myxozoa. Journal of Eukaryotic Microbiology, 2001, 48, 395-413.	1.7	524
72	Dynamics ofMyxobolus cerebralisin the Lostine River, Oregon: Implications for Resident and Anadromous Salmonids. Journal of Aquatic Animal Health, 2001, 13, 142-150.	1.4	31

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73	Strategies for the Diagnosis ofCeratomyxa shastaUsing the Polymerase Chain Reaction: Comparison of Lethal and Nonlethal Sampling with Microscopic Examination. Journal of Aquatic Animal Health, 2000, 12, 100-106.	1.4	22
74	Pathogens and Diseases of Fish in Aquatic Ecosystems: Implications in Fisheries Management. Journal of Aquatic Animal Health, 1998, 10, 95-100.	1.4	11