

Maureen K Purcell

List of Publications by Year in descending order

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201575

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#	ARTICLE	IF	CITATIONS
1	Rapid Diagnostic Test to Detect and Discriminate Infectious Hematopoietic Necrosis Virus (IHNV) Genogroups U and M to Aid Management of Pacific Northwest Salmonid Populations. <i>Animals</i> , 2022, 12, 1761.	1.0	1
2	Novel diagnostic tests for the putative agent of bacterial gill disease in Pacific razor clams (<i>Siliqua</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	2
3	Effect of Temperature on Survival of Lost River Suckers with a Natural Infection of <i>Ichthyobodo</i> spp.. <i>North American Journal of Aquaculture</i> , 2021, 83, 184-191.	0.7	1
4	Temperature Variation and Host Immunity Regulate Viral Persistence in a Salmonid Host. <i>Pathogens</i> , 2021, 10, 855.	1.2	7
5	Disruption of the <i>Francisella noatunensis</i> subsp. <i>orientalis</i> <i>pdpA</i> Gene Results in Virulence Attenuation and Protection in Zebrafish. <i>Infection and Immunity</i> , 2021, 89, e0022021.	1.0	4
6	Genomes reveal genetic diversity of Piscine orthoreovirus in farmed and free-ranging salmonids from Canada and USA. <i>Virus Evolution</i> , 2020, 6, veaa054.	2.2	13
7	Consequences of Piscine orthoreovirus genotype 1 (PRV ϵ 1) infections in Chinook salmon () Tj ETQq1 1 0.784314 rgBT /Overlock 10 FF Fish Diseases, 2020, 43, 719-728.	0.9	16
8	<i>Ichthyophonus</i> sp. Infection in Opaleye (<i>Girella nigricans</i>). <i>Veterinary Pathology</i> , 2020, 57, 316-320.	0.8	0
9	Intra-Annual Changes in Waterborne <i>Nanophyetus salmincola</i> . <i>Journal of Aquatic Animal Health</i> , 2019, 31, 259-265.	0.6	2
10	Molecular testing of adult Pacific salmon and trout (<i>Oncorhynchus</i> spp.) for several <i>scp</i> RNA viruses demonstrates widespread distribution of piscine orthoreovirus in Alaska and Washington. <i>Journal of Fish Diseases</i> , 2018, 41, 347-355.	0.9	30
11	A systematic surveillance programme for infectious salmon anaemia virus supports its absence in the Pacific Northwest of the United States. <i>Journal of Fish Diseases</i> , 2018, 41, 337-346.	0.9	5
12	Broad-spectrum antiviral JL122 blocks infection and inhibits transmission of aquatic rhabdoviruses. <i>Virology</i> , 2018, 525, 143-149.	1.1	19
13	Optimization of a Plaque Neutralization Test (PNT) to Identify the Exposure History of Pacific Herring to Viral Hemorrhagic Septicemia Virus (VHSV). <i>Journal of Aquatic Animal Health</i> , 2017, 29, 74-82.	0.6	4
14	Inhibition of an Aquatic Rhabdovirus Demonstrates Promise of a Broad-Spectrum Antiviral for Use in Aquaculture. <i>Journal of Virology</i> , 2017, 91, .	1.5	29
15	Analytical validation of a reverse transcriptase droplet digital PCR (RT-ddPCR) for quantitative detection of infectious hematopoietic necrosis virus. <i>Journal of Virological Methods</i> , 2017, 245, 73-80.	1.0	13
16	Influence of Temperature on the Efficacy of Homologous and Heterologous DNA Vaccines against Viral Hemorrhagic Septicemia in Pacific Herring. <i>Journal of Aquatic Animal Health</i> , 2017, 29, 121-128.	0.6	4
17	Observations and first reports of saprolegniosis in AanaakÅ, iq, broad whitefish (<i>Coregonus nasus</i>), from the Colville River near Nuiqsut, Alaska. <i>Polar Science</i> , 2017, 14, 78-82.	0.5	5
18	Detection of <i>Nanophyetus salmincola</i> in Water, Snails, and Fish Tissues by Quantitative Polymerase Chain Reaction. <i>Journal of Aquatic Animal Health</i> , 2017, 29, 189-198.	0.6	6

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19	Transmission routes maintaining a viral pathogen of steelhead trout within a complex multi-host assemblage. <i>Ecology and Evolution</i> , 2017, 7, 8187-8200.	0.8	10
20	Effects of temperature on <i>Renibacterium salmoninarum</i> infection and transmission potential in Chinook salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2016, 39, 787-798.	0.9	17
21	Identification of the major capsid protein of erythrocytic necrosis virus (ENV) and development of quantitative real-time PCR assays for quantification of ENV DNA. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 382-391.	0.5	8
22	Atlantic salmon, <i>Salmo salar</i> L., are broadly susceptible to isolates representing the North American genogroups of infectious hematopoietic necrosis virus. <i>Journal of Fish Diseases</i> , 2016, 39, 55-67.	0.9	11
23	Potential drivers of virulence evolution in aquaculture. <i>Evolutionary Applications</i> , 2016, 9, 344-354.	1.5	81
24	Piscine reovirus, but not Jaundice Syndrome, was transmissible to Chinook Salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum), Sockeye Salmon, <i>Oncorhynchus nerka</i> (Walbaum), and Atlantic Salmon, <i>Salmo salar</i> L.. <i>Journal of Fish Diseases</i> , 2016, 39, 117-128.	0.9	41
25	Recommended reporting standards for test accuracy studies of infectious diseases of finfish, amphibians, molluscs and crustaceans: the STRADAS-aquatic checklist. <i>Diseases of Aquatic Organisms</i> , 2016, 118, 91-111.	0.5	25
26	Ichthyophonus parasite phylogeny based on ITS rDNA structure prediction and alignment identifies six clades, with a single dominant marine type. <i>Diseases of Aquatic Organisms</i> , 2016, 120, 125-141.	0.5	14
27	Susceptibility of ocean- and stream-type Chinook salmon to isolates of the L, U, and M genogroups of infectious hematopoietic necrosis virus (IHNV). <i>Diseases of Aquatic Organisms</i> , 2016, 121, 15-28.	0.5	5
28	Detection of <i>Ichthyophonus</i> by chromogenic <i>in situ</i> hybridization. <i>Journal of Fish Diseases</i> , 2015, 38, 853-857.	0.9	4
29	Piscine Reovirus: Genomic and Molecular Phylogenetic Analysis from Farmed and Wild Salmonids Collected on the Canada/US Pacific Coast. <i>PLoS ONE</i> , 2015, 10, e0141475.	1.1	43
30	Testing of candidate non-lethal sampling methods for detection of <i>Renibacterium salmoninarum</i> in juvenile Chinook salmon <i>Oncorhynchus tshawytscha</i> . <i>Diseases of Aquatic Organisms</i> , 2015, 114, 21-43.	0.5	17
31	Genetic variation underlying resistance to infectious hematopoietic necrosis virus in a steelhead trout (<i>Oncorhynchus mykiss</i>) population. <i>Diseases of Aquatic Organisms</i> , 2015, 117, 77-83.	0.5	11
32	Genetic Variation in Bacterial Kidney Disease (BKD) Susceptibility in Lake Michigan Chinook Salmon and Its Progenitor Population from the Puget Sound. <i>Journal of Aquatic Animal Health</i> , 2014, 26, 9-18.	0.6	10
33	U.S. Response to a Report of Infectious Salmon Anemia Virus in Western North America. <i>Fisheries</i> , 2014, 39, 501-506.	0.6	6
34	Top validation testing of selected immunological and molecular <i>Renibacterium salmoninarum</i> diagnostic assays by comparison with quantitative bacteriological culture. <i>Journal of Fish Diseases</i> , 2013, 36, 779-809.	0.9	26
35	Universal reverse-transcriptase real-time PCR for infectious hematopoietic necrosis virus (IHNV). <i>Diseases of Aquatic Organisms</i> , 2013, 106, 103-115.	0.5	62
36	Immunity to Fish Rhabdoviruses. <i>Viruses</i> , 2012, 4, 140-166.	1.5	82

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37	Production and characterization of monoclonal antibodies to IgM of Pacific herring (<i>Clupea pallasii</i>). <i>Fish and Shellfish Immunology</i> , 2012, 33, 552-558.	1.6	13
38	Development of a Real-Time Pcr Assay for Detection of Planktonic Red King Crab (<i>Paralithodes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.3	5
39	Induction of anti-viral genes during acute infection with Viral hemorrhagic septicemia virus (VHSV) genogroup IVa in Pacific herring (<i>Clupea pallasii</i>). <i>Fish and Shellfish Immunology</i> , 2012, 32, 259-267.	1.6	15
40	Quantitative Polymerase Chain Reaction (PCR) for Detection of Aquatic Animal Pathogens in a Diagnostic Laboratory Setting. <i>Journal of Aquatic Animal Health</i> , 2011, 23, 148-161.	0.6	40
41	Transcriptome analysis of rainbow trout infected with high and low virulence strains of Infectious hematopoietic necrosis virus. <i>Fish and Shellfish Immunology</i> , 2011, 30, 84-93.	1.6	62
42	Comparative Evaluation of Molecular Diagnostic Tests for <i>Nucleospora salmonis</i> and Prevalence in Migrating Juvenile Salmonids from the Snake River, USA. <i>Journal of Aquatic Animal Health</i> , 2011, 23, 19-29.	0.6	3
43	Restricted growth of U-type infectious haematopoietic necrosis virus (IHNV) in rainbow trout cells may be linked to casein kinase II activity. <i>Journal of Fish Diseases</i> , 2011, 34, 115-129.	0.9	9
44	Amplification and transport of an endemic fish disease by an introduced species. <i>Biological Invasions</i> , 2010, 12, 3665-3675.	1.2	45
45	Differential growth of U and M type infectious haematopoietic necrosis virus in a rainbow trout-derived cell line, RTG-2. <i>Journal of Fish Diseases</i> , 2010, 33, 583-591.	0.9	16
46	Resistance and Protective Immunity in Redfish Lake Sockeye Salmon Exposed to M Type Infectious Hematopoietic Necrosis Virus (IHNV). <i>Journal of Aquatic Animal Health</i> , 2010, 22, 129-139.	0.6	7
47	Pathological and immunological responses associated with differential survival of Chinook salmon following <i>Renibacterium salmoninarum</i> challenge. <i>Diseases of Aquatic Organisms</i> , 2010, 90, 31-41.	0.5	27
48	Early viral replication and induced or constitutive immunity in rainbow trout families with differential resistance to Infectious hematopoietic necrosis virus (IHNV). <i>Fish and Shellfish Immunology</i> , 2010, 28, 98-105.	1.6	55
49	Identification, characterization and genetic mapping of TLR1 loci in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 54	1.6	54
50	Identification, characterization and genetic mapping of TLR7, TLR8a1 and TLR8a2 genes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Developmental and Comparative Immunology</i> , 2010, 34, 219-233.	1.0	95
51	Sequence analysis of the internal transcribed spacer (ITS) region reveals a novel clade of <i>Ichthyophonus</i> sp. from rainbow trout. <i>Diseases of Aquatic Organisms</i> , 2010, 89, 179-183.	0.5	20
52	Differential virulence mechanisms of infectious hematopoietic necrosis virus in rainbow trout (<i>Oncorhynchus mykiss</i>) include host entry and virus replication kinetics. <i>Journal of General Virology</i> , 2009, 90, 2172-2182.	1.3	90
53	Development and validation of a quantitative PCR to detect <i>Parvicapsula minibicornis</i> and comparison to histologically ranked infection of juvenile Chinook salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum), from the Klamath River, USA. <i>Journal of Fish Diseases</i> , 2009, 32, 183-192.	0.9	22
54	Infectious haematopoietic necrosis virus genogroup-specific virulence mechanisms in sockeye salmon, <i>Oncorhynchus nerka</i> (Walbaum), from Redfish Lake, Idaho. <i>Journal of Fish Diseases</i> , 2009, 32, 619-631.	0.9	51

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55	Characterization of the interferon genes in homozygous rainbow trout reveals two novel genes, alternate splicing and differential regulation of duplicated genes. <i>Fish and Shellfish Immunology</i> , 2009, 26, 293-304.	1.6	81
56	A genomic view of the NOD-like receptor family in teleost fish: identification of a novel NLR subfamily in zebrafish. <i>BMC Evolutionary Biology</i> , 2008, 8, 42.	3.2	199
57	Transcriptional profiling of MHC class I genes in rainbow trout infected with infectious hematopoietic necrosis virus. <i>Molecular Immunology</i> , 2008, 45, 1646-1657.	1.0	39
58	Differential Survival of Ichthyophonus Isolates Indicates Parasite Adaptation to its Host Environment. <i>Journal of Parasitology</i> , 2008, 94, 1055-1059.	0.3	15
59	Decreased Mortality of Lake Michigan Chinook Salmon after Bacterial Kidney Disease Challenge: Evidence for Pathogen-Driven Selection?. <i>Journal of Aquatic Animal Health</i> , 2008, 20, 225-235.	0.6	23
60	Conservation of Toll-like receptor signaling pathways in teleost fish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 77-88.	0.4	113
61	Comprehensive gene expression profiling following DNA vaccination of rainbow trout against infectious hematopoietic necrosis virus. <i>Molecular Immunology</i> , 2006, 43, 2089-2106.	1.0	149
62	Strand-specific, real-time RT-PCR assays for quantification of genomic and positive-sense RNAs of the fish rhabdovirus, Infectious hematopoietic necrosis virus. <i>Journal of Virological Methods</i> , 2006, 132, 18-24.	1.0	82
63	Evolution of the CD4 Family: Teleost Fish Possess Two Divergent Forms of CD4 in Addition to Lymphocyte Activation Gene-3. <i>Journal of Immunology</i> , 2006, 177, 3939-3951.	0.4	116
64	Characterization of Toll-like receptor 3 gene in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Immunogenetics</i> , 2005, 57, 510-519.	1.2	163
65	The evolution of vertebrate Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9577-9582.	3.3	1,026
66	Major Histocompatibility Complex Loci are Associated with Susceptibility of Atlantic Salmon to Infectious Hematopoietic Necrosis Virus. <i>Environmental Biology of Fishes</i> , 2004, 69, 307-316.	0.4	81
67	Quantitative expression profiling of immune response genes in rainbow trout following infectious haematopoietic necrosis virus (IHNV) infection or DNA vaccination. <i>Fish and Shellfish Immunology</i> , 2004, 17, 447-462.	1.6	208
68	Fine mapping of Ath6, a quantitative trait locus for atherosclerosis in mice. <i>Mammalian Genome</i> , 2001, 12, 495-500.	1.0	24