

# Joy A Becker

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

769  
citations

567144

15  
h-index

552653

26  
g-index

45  
all docs

45  
docs citations

45  
times ranked

709  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Iridovirus infections in finfish – critical review with emphasis on ranaviruses. <i>Journal of Fish Diseases</i> , 2010, 33, 95-122.   | 0.9 | 188       |
| 2  | Detection of dwarf gourami iridovirus (Infectious spleen and kidney necrosis virus) in populations of ornamental fish prior to and after importation into Australia, with the first evidence of infection in domestically farmed Platy ( <i>Xiphophorus maculatus</i> ). <i>Preventive Veterinary Medicine</i> , 2015, 122, 181-194. | 0.7 | 51        |
| 3  | Development of a quantitative polymerase chain reaction (qPCR) assay for the detection of dwarf gourami iridovirus (DGIV) and other megalocytiviruses and comparison with the Office International des Epizooties (OIE) reference PCR protocol. <i>Aquaculture</i> , 2012, 358-359, 155-163.   | 1.7 | 39        |
| 4  | Monogenean parasites infect ornamental fish imported to Australia. <i>Parasitology Research</i> , 2018, 117, 995-1011.   | 0.6 | 34        |
| 5  | Incursions of Cyprinid herpesvirus 2 in goldfish populations in Australia despite quarantine practices. <i>Aquaculture</i> , 2014, 432, 53-59.   | 1.7 | 32        |
| 6  | Partial validation of a TaqMan real-time quantitative PCR for the detection of ranaviruses. <i>Diseases of Aquatic Organisms</i> , 2018, 128, 105-116.   | 0.5 | 28        |
| 7  | Parasite Dispersal From the Ornamental Goldfish Trade. <i>Advances in Parasitology</i> , 2018, 100, 239-281.   | 1.4 | 26        |
| 8  | Transmission of the microsporidian gill parasite, <i>Loma salmonae</i> . <i>Animal Health Research Reviews</i> , 2007, 8, 59-68.   | 1.4 | 25        |
| 9  | Experimental Infection of Australian Freshwater Fish with Epizootic Haematopoietic Necrosis Virus (EHNV). <i>Journal of Aquatic Animal Health</i> , 2013, 25, 66-76.   | 0.6 | 24        |
| 10 | Susceptibility of a number of Australian freshwater fishes to dwarf gourami iridovirus (Infectious) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5  | 0.9 | 24        |
| 11 | Detection of <i>Cryptosporidium molnari</i> Oocysts from Fish by Fluorescent-Antibody Staining Assays for <i>Cryptosporidium</i> spp. Affecting Humans. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1878-1880.   | 1.4 | 23        |
| 12 | A validated quantitative polymerase chain reaction assay for the detection of ranaviruses (Family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5   | 1.7 | 20        |
| 13 | Ultrastructural Examination of the Host Cellular Response in the Gills of Atlantic Salmon, <i>Salmo salar</i> , with Amoebic Gill Disease. <i>Veterinary Pathology</i> , 2007, 44, 663-671.  | 0.8 | 19        |
| 14 | Effects of monensin dose and treatment time on xenoma reduction in microsporidial gill disease in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2002, 25, 673-680.  | 0.9 | 18        |
| 15 | Induction time for resistance to microsporidial gill disease caused by <i>Loma salmonae</i> following vaccination of rainbow trout ( <i>Oncorhynchus mykiss</i> ) with a spore-based vaccine. <i>Fish and Shellfish Immunology</i> , 2006, 21, 170-175.  | 1.6 | 16        |
| 16 | Validation of high throughput methods for tissue disruption and nucleic acid extraction for ranaviruses (family Iridoviridae). <i>Aquaculture</i> , 2012, 338-341, 23-28.  | 1.7 | 13        |
| 17 | The impact of pooling samples on surveillance sensitivity for the megalocytivirus <i>Infectious spleen and kidney necrosis virus</i> . <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2318-2328.   | 1.3 | 13        |
| 18 | Effect of Water Temperature and Flow Rate on the Transmission of Microsporidial Gill Disease Caused by <i>Loma salmonae</i> in Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Fish Pathology</i> , 2003, 38, 105-112.   | 0.4 | 13        |

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|----|--|-----|-----------|
| 19 | Loma salmonae -associated xenoma onset and clearance in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum): comparisons of per os and cohabitation exposure using survival analysis. <i>Aquaculture Research</i> , 2003, 34, 1329-1335.   | 0.9 | 12        |
| 20 | Efficacy of bithionol as an oral treatment for amoebic gill disease in Atlantic salmon <i>Salmo salar</i> (L.). <i>Aquaculture</i> , 2007, 270, 15-22.   | 1.7 | 12        |
| 21 | Evaluation of bithionol as a bath treatment for amoebic gill disease caused by <i>Neoparamoeba</i> spp.. <i>Veterinary Parasitology</i> , 2007, 144, 197-207.  | 0.7 | 10        |
| 22 | Gastric cryptosporidiosis in farmed Australian Murray cod, <i>Maccullochella peelii peelii</i> . <i>Aquaculture</i> , 2011, 314, 1-6.  | 1.7 | 10        |
| 23 | Stability of Infectious spleen and kidney necrosis virus and susceptibility to physical and chemical disinfectants. <i>Aquaculture</i> , 2019, 506, 104-111.   | 1.7 | 10        |
| 24 | Biocontrol of Carp: The Australian Plan Does Not Stand Up to a Rational Analysis of Safety and Efficacy. <i>Frontiers in Microbiology</i> , 2019, 10, 882.   | 1.5 | 9         |
| 25 | Impact of a water temperature shift on xenoma clearance and recovery time during a <i>Loma salmonae</i> (Microsporidia) infection in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Diseases of Aquatic Organisms</i> , 2004, 58, 185-191.  | 0.5 | 9         |
| 26 | Influence of feeding ratio and size on susceptibility to microsporidial gill disease caused by <i>Loma salmonae</i> in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2005, 28, 173-180.           | 0.9 | 8         |
| 27 | Prevalence of Infectious Spleen and Kidney Necrosis Virus (ISKNV), Nervous Necrosis Virus (NNV) and Ectoparasites in Juvenile <i>Epinephelus</i> spp. Farmed in Aceh, Indonesia. <i>Pathogens</i> , 2020, 9, 578.                          | 1.2 | 8         |
| 28 | Ultraviolet light control of horizontal transmission of <i>Loma salmonae</i> . <i>Journal of Fish Diseases</i> , 2004, 27, 177-180.  | 0.9 | 7         |
| 29 | Effect of an acute necrotic bacterial gill infection and feed deprivation on the metabolic rate of Atlantic salmon <i>Salmo salar</i> . <i>Diseases of Aquatic Organisms</i> , 2007, 78, 29-36.  | 0.5 | 7         |
| 30 | Further development of bithionol therapy as a treatment for amoebic gill disease in Atlantic salmon, <i>Salmo salar</i> L.. <i>Journal of Fish Diseases</i> , 2009, 32, 391-400.   | 0.9 | 7         |
| 31 | Effect of the number of infected fish and acute exposure period on the horizontal transmission of <i>Loma salmonae</i> (Microsporidia) in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2005, 244, 1-9.                 | 1.7 | 6         |
| 32 | Whole body net ion fluxes, plasma electrolyte concentrations and haematology during a <i>Loma salmonae</i> infection in juvenile rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2006, 29, 727-735. | 0.9 | 6         |
| 33 | Susceptibility of Australian Redfin Perch <i>Perca fluviatilis</i> Experimentally Challenged with Epizootic Hematopoietic Necrosis Virus (EHNV). <i>Journal of Aquatic Animal Health</i> , 2016, 28, 122-130.                              | 0.6 | 6         |
| 34 | Outbreak investigation attributes Infectious spleen and kidney necrosis virus as a necessary cause of a mortality epidemic in farmed grouper ( <i>Epinephelus</i> spp.) in Bali, Indonesia. <i>Aquaculture Reports</i> , 2021, 20, 100723. | 0.7 | 6         |
| 35 | In vitro toxicity of bithionol and bithionol sulphoxide to <i>Neoparamoeba</i> spp., the causative agent of amoebic gill disease (AGD). <i>Diseases of Aquatic Organisms</i> , 2010, 91, 257-262.  | 0.5 | 6         |
| 36 | An epidemiologic model of koi herpesvirus (KHV) biocontrol for carp in Australia. <i>Australian Zoologist</i> , 2019, 40, 25-35.   | 0.6 | 6         |

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|----|---|-----|-----------|
| 37 | Can environmental DNA be used for aquatic biosecurity in the aquarium fish trade?. <i>Biological Invasions</i> , 2020, 22, 1011-1025.   | 1.2 | 5         |
| 38 | Interaction of water temperature and challenge model on xenoma development rates for <i>Loma salmonae</i> (Microspora) in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2006, 29, 139-145. | 0.9 | 4         |
| 39 | Geographic Distribution of Epizootic haematopietic necrosis virus (EHNV) in Freshwater Fish in South Eastern Australia: Lost Opportunity for a Notifiable Pathogen to Expand Its Geographic Range. <i>Viruses</i> , 2019, 11, 315.  | 1.5 | 3         |
| 40 | Molecular epidemiology of Epizootic haematopietic necrosis virus (EHNV). <i>Virology</i> , 2017, 511, 320-329.  | 1.1 | 2         |
| 41 | <i>Aquaculture, Fish and Fisheries</i> : A new home for the Blue Revolution. <i>Aquaculture, Fish and Fisheries</i> , 2021, 1, 1-2.   | 0.5 | 1         |
| 42 | Myxozoan Diversity Infecting Ornamental Fishes Imported to Australia. <i>Frontiers in Marine Science</i> , 0, 9, .  | 1.2 | 1         |