

# Louise von Gersdorff JÃ,rgensen

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,810  
citations

394421

19  
h-index

276875

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Teleost skin, an ancient mucosal surface that elicits gut-like immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13097-13102.	7.1	420
2	The development of the gut microbiota in rainbow trout ( <i>Oncorhynchus mykiss</i> ) is affected by first feeding and diet type. Aquaculture, 2014, 424-425, 24-34.	3.5	236
3	Mucosal immunoglobulins at respiratory surfaces mark an ancient association that predates the emergence of tetrapods. Nature Communications, 2016, 7, 10728.	12.8	203
4	Diet type dictates the gut microbiota and the immune response against <i>Yersinia ruckeri</i> in rainbow trout ( <i>Oncorhynchus mykiss</i> ). Fish and Shellfish Immunology, 2014, 40, 624-633.	3.6	116
5	Early Immune Responses in Rainbow Trout Liver upon Viral Hemorrhagic Septicemia Virus (VHSV) Infection. PLoS ONE, 2014, 9, e111084.	2.5	80
6	Experimental evidence for direct <i>in situ</i> binding of IgM and IgT to early trophonts of <i>Ichthyophthirius multifiliis</i> (Fouquet) in the gills of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). Journal of Fish Diseases, 2011, 34, 749-755.	1.9	73
7	Genome-resolved metagenomics suggests a mutualistic relationship between <i>Mycoplasma</i> and salmonid hosts. Communications Biology, 2021, 4, 579.	4.4	55
8	The fish parasite <i>Ichthyophthirius multifiliis</i> – Host immunology, vaccines and novel treatments. Fish and Shellfish Immunology, 2017, 67, 586-595.	3.6	47
9	Immune-relevant genes expressed in rainbow trout following immunisation with a live vaccine against <i>Ichthyophthirius multifiliis</i> . Diseases of Aquatic Organisms, 2008, 80, 189-197.	1.0	47
10	Zebrafish as a Model for Fish Diseases in Aquaculture. Pathogens, 2020, 9, 609.	2.8	35
11	Subunit vaccine candidates against <i>Aeromonas salmonicida</i> in rainbow trout <i>Oncorhynchus mykiss</i> . PLoS ONE, 2017, 12, e0171944.	2.5	34
12	Quantitative trait loci (QTL) associated with resistance of rainbow trout <i>Oncorhynchus mykiss</i> against the parasitic ciliate <i>Ichthyophthirius multifiliis</i> . Journal of Fish Diseases, 2020, 43, 1591-1602.	1.9	30
13	Immune gene expression and genome-wide association analysis in rainbow trout with different resistance to <i>Yersinia ruckeri</i> infection. Fish and Shellfish Immunology, 2020, 106, 441-450.	3.6	30
14	Plastic nanoparticles cause mild inflammation, disrupt metabolic pathways, change the gut microbiota and affect reproduction in zebrafish: A full generation multi-omics study. Journal of Hazardous Materials, 2022, 424, 127705.	12.4	30
15	Where does the toxicity come from in saponin extract?. Chemosphere, 2018, 204, 243-250.	8.2	29
16	Association between adaptive immunity and neutrophil dynamics in zebrafish ( <i>Danio rerio</i> ) infected by a parasitic ciliate. PLoS ONE, 2018, 13, e0203297.	2.5	28
17	The dynamics of neutrophils in zebrafish ( <i>Danio rerio</i> ) during infection with the parasite <i>Ichthyophthirius multifiliis</i> . Fish and Shellfish Immunology, 2016, 55, 159-164.	3.6	26
18	Approaches towards DNA Vaccination against a Skin Ciliate Parasite in Fish. PLoS ONE, 2012, 7, e48129.	2.5	25

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19	A Major QTL for Resistance to <i>Vibrio anguillarum</i> in Rainbow Trout. <i>Frontiers in Genetics</i> , 2020, 11, 607558.	2.3	24
20	Infection and immunity against <i>Ichthyophthirius multifiliis</i> in zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 57, 335-339.	3.6	21
21	Impact of <i>Pseudomonas</i> H6 surfactant on all external life cycle stages of the fish parasitic ciliate <i>Ichthyophthirius multifiliis</i> . <i>Journal of Fish Diseases</i> , 2018, 41, 1147-1152.	1.9	19
22	Antigen Uptake during Different Life Stages of Zebrafish ( <i>Danio rerio</i> ) Using a GFP-Tagged <i>Yersinia ruckeri</i> . <i>PLoS ONE</i> , 2016, 11, e0158968.	2.5	18
23	Rainbow trout ( <i>Oncorhynchus mykiss</i> ) immune response towards a recombinant vaccine targeting the parasitic ciliate <i>Ichthyophthirius multifiliis</i> . <i>Journal of Fish Diseases</i> , 2017, 40, 1815-1821.	1.9	18
24	Skin immune response of rainbow trout ( <i>Oncorhynchus mykiss</i> ) experimentally exposed to the disease Red Mark Syndrome. <i>Veterinary Immunology and Immunopathology</i> , 2019, 211, 25-34.	1.2	17
25	Zebrafish ( <i>Danio rerio</i> ) as a model to study the immune response against infection with <i>Ichthyophthirius multifiliis</i> . <i>Journal of Fish Diseases</i> , 2017, 40, 847-852.	1.9	14
26	Effects of pH on free-living stages of a Nordic strain of the economically important freshwater fish parasite <i>Ichthyophthirius multifiliis</i> . <i>International Journal for Parasitology</i> , 2020, 50, 859-864.	3.1	14
27	Whole-genome association study searching for QTL for <i>Aeromonas salmonicida</i> resistance in rainbow trout. <i>Scientific Reports</i> , 2021, 11, 17857.	3.3	12
28	Zebrafish ( <i>Danio rerio</i> ) as a model to visualize infection dynamics of <i>Vibrio anguillarum</i> following intraperitoneal injection and bath exposure. <i>Fish and Shellfish Immunology</i> , 2017, 67, 692-697.	3.6	11
29	A non-lethal method for detection of <i>Bonamia ostreae</i> in flat oyster ( <i>Ostrea edulis</i> ) using environmental DNA. <i>Scientific Reports</i> , 2020, 10, 16143.	3.3	11
30	Integrative analyses of probiotics, pathogenic infections and host immune response highlight the importance of gut microbiota in understanding disease recovery in rainbow trout ( <i>Oncorhynchus</i> )	3.1	10
31	Effect of ES products from <i>Anisakis</i> (Nematoda: Anisakidae) on experimentally induced colitis in adult zebrafish. <i>Parasite Immunology</i> , 2017, 39, e12456.	1.5	9
32	Toxicity of the antiparasitic lipopeptide biosurfactant SPH6 to green algae, cyanobacteria, crustaceans and zebrafish. <i>Aquatic Toxicology</i> , 2022, 243, 106072.	4.0	9
33	Occurrence of gyrodactylids on wild Atlantic salmon, <i>Salmo salar</i> L., in Danish rivers. <i>Journal of Fish Diseases</i> , 2008, 31, 127-134.	1.9	8
34	Cysteine proteases as potential antigens in antiparasitic DNA vaccines. <i>Vaccine</i> , 2011, 29, 5575-5583.	3.8	8
35	Eye fluke effects on Danish freshwater fish: Field and experimental investigations. <i>Journal of Fish Diseases</i> , 2021, 44, 1785-1798.	1.9	7
36	Orchestrated interaction between IgT and complement C3 to control a skin parasite of rainbow trout. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1708.	3.6	6

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37	Zebrafish ( <i>Danio rerio</i> ) larvae as a model for real-time studies of propagating VHS virus infection, tissue tropism and neutrophil activity. <i>Journal of Fish Diseases</i> , 2021, 44, 563-571.	1.9	6
38	Design and optimization of self-nanoemulsifying drug delivery systems of clove oil for efficacy enhancement in fish anesthesia. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102241.	3.0	6
39	Formulation optimization, anesthetic activity, skin permeation, and transportation pathway of <i>Alpinia galanga</i> oil SNEDDS in zebrafish ( <i>Danio rerio</i> ). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 193-202.	4.3	5
40	Validation of two QTL associated with lower <i>Ichthyophthirius multifiliis</i> infection and delayed-time-to-death in rainbow trout. <i>Aquaculture Reports</i> , 2022, 23, 101078.	1.7	4
41	Comparative In Vitro and In Vivo Effects of Feed Additives on Rainbow Trout Response to <i>Ichthyophthirius multifiliis</i> . <i>North American Journal of Aquaculture</i> , 2021, 83, 67-77.	1.4	3
42	Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. <i>Pharmaceutics</i> , 2022, 14, 919.	4.5	3
43	Local induction of IgT responses to pathogens and microbiota in the gill of rainbow trout. <i>Fish and Shellfish Immunology</i> , 2016, 53, 71.	3.6	1