Louise von Gersdorff JÃ¸rgensen

List of Publications by Year
in descending order

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	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
2	Integrative analyses of probiotics, pathogenic infections and host immune response highlight the importance of gut microbiota in understanding disease recovery in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	11
3	Toxicity of the antiparasitic lipopeptide biosurfactant SPH6 to green algae, cyanobacteria, crustaceans and zebrafish. Aquatic Toxicology, 2022, 243, 106072.	4.0	9
4	Validation of two QTL associated with lower Ichthyophthirius multifiliis infection and delayed-time-to-death in rainbow trout. Aquaculture Reports, 2022, 23, 101078.	1.7	4
5	Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. Pharmaceutics, 2022, 14, 919.	4.5	3
6	Zebrafish (Danio rerio) larvae as a model for realâ€time studies of propagating VHS virus infection, tissue tropism and neutrophil activity. Journal of Fish Diseases, 2021, 44, 563-571.	1.9	6
7	Design and optimization of self-nanoemulsifying drug delivery systems of clove oil for efficacy enhancement in fish anesthesia. Journal of Drug Delivery Science and Technology, 2021, 61, 102241.	3.0	6
8	Comparative In Vitro and In Vivo Effects of Feed Additives on Rainbow Trout Response to Ichthyophthirius multifiliis. North American Journal of Aquaculture, 2021, 83, 67-77.	1.4	3
9	Genome-resolved metagenomics suggests a mutualistic relationship between Mycoplasma and salmonid hosts. Communications Biology, 2021, 4, 579.	4.4	55
10	Eye fluke effects on Danish freshwater fish: Field and experimental investigations. Journal of Fish Diseases, 2021, 44, 1785-1798.	1.9	7
11	Formulation optimization, anesthetic activity, skin permeation, and transportation pathway of Alpinia galanga oil SNEDDS in zebrafish (Danio rerio). European Journal of Pharmaceutics and Biopharmaceutics, 2021, 165, 193-202.	4.3	5
12	Whole-genome association study searching for QTL for Aeromonas salmonicida resistance in rainbow trout. Scientific Reports, 2021, 11, 17857.	3.3	12
13	Quantitative trait loci (QTL) associated with resistance of rainbow trout Oncorhynchus mykiss against the parasitic ciliate Ichthyophthirius multifiliis. Journal of Fish Diseases, 2020, 43, 1591-1602.	1.9	30
14	Zebrafish as a Model for Fish Diseases in Aquaculture. Pathogens, 2020, 9, 609.	2.8	35
15	Immune gene expression and genome-wide association analysis in rainbow trout with different resistance to Yersinia ruckeri infection. Fish and Shellfish Immunology, 2020, 106, 441-450.	3.6	30
16	A non-lethal method for detection of Bonamia ostreae in flat oyster (Ostrea edulis) using environmental DNA. Scientific Reports, 2020, 10, 16143.	3.3	11
17	Effects of pH on free-living stages of a Nordic strain of the economically important freshwater fish parasite Ichthyophthirius multifiliis. International Journal for Parasitology, 2020, 50, 859-864.	3.1	14
18	A Major QTL for Resistance to Vibrio anguillarum in Rainbow Trout. Frontiers in Genetics, 2020, 11, 607558.	2.3	24

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19	Skin immune response of rainbow trout (Oncorhynchus mykiss) experimentally exposed to the disease Red Mark Syndrome. Veterinary Immunology and Immunopathology, 2019, 211, 25-34.	1.2	17
20	Where does the toxicity come from in saponin extract?. Chemosphere, 2018, 204, 243-250.	8.2	29
21	Association between adaptive immunity and neutrophil dynamics in zebrafish (Danio rerio) infected by a parasitic ciliate. PLoS ONE, 2018, 13, e0203297.	2.5	28
22	Impact of Pseudomonas H6 surfactant on all external life cycle stages of the fish parasitic ciliate Ichthyophthirius multifiliis. Journal of Fish Diseases, 2018, 41, 1147-1152.	1.9	19
23	The fish parasite Ichthyophthirius multifiliis â€“ Host immunology, vaccines and novel treatments. Fish and Shellfish Immunology, 2017, 67, 586-595.	3.6	47
24	Rainbow trout (Oncorhynchus mykiss) immune response towards a recombinant vaccine targeting the parasitic ciliate Ichthyophthirius multifiliis. Journal of Fish Diseases, 2017, 40, 1815-1821.	1.9	18
25	Effect of <scp>ES</scp> products from Anisakis (Nematoda: Anisakidae) on experimentally induced colitis in adult zebrafish. Parasite Immunology, 2017, 39, e12456.	1.5	9
26	Zebrafish (Danio rerio) as a model to visualize infection dynamics of Vibrio anguillarum following intraperitoneal injection and bath exposure. Fish and Shellfish Immunology, 2017, 67, 692-697.	3.6	11
27	Zebrafish Danio rerio as a model to study the immune response against infection with Ichthyophthirius multifiliis. Journal of Fish Diseases, 2017, 40, 847-852.	1.9	14
28	Subunit vaccine candidates against Aeromonas salmonicida in rainbow trout Oncorhynchus mykiss. PLoS ONE, 2017, 12, e0171944.	2.5	34
29	Antigen Uptake during Different Life Stages of Zebrafish (Danio rerio) Using a GFP-Tagged Yersinia ruckeri. PLoS ONE, 2016, 11, e0158968.	2.5	18
30	The dynamics of neutrophils in zebrafish (Danio rerio) during infection with the parasite Ichthyophthirius multifiliis. Fish and Shellfish Immunology, 2016, 55, 159-164.	3.6	26
31	Infection and immunity against Ichthyophthirius multifiliis in zebrafish (Danio rerio). Fish and Shellfish Immunology, 2016, 57, 335-339.	3.6	21
32	Local induction of IgT responses to pathogens and microbiota in the gill of rainbow trout. Fish and Shellfish Immunology, 2016, 53, 71.	3.6	1
33	Mucosal immunoglobulins at respiratory surfaces mark an ancient association that predates the emergence of tetrapods. Nature Communications, 2016, 7, 10728.	12.8	203
34	Early Immune Responses in Rainbow Trout Liver upon Viral Hemorrhagic Septicemia Virus (VHSV) Infection. PLoS ONE, 2014, 9, e111084.	2.5	80
35	The development of the gut microbiota in rainbow trout (Oncorhynchus mykiss) is affected by first feeding and diet type. Aquaculture, 2014, 424-425, 24-34.	3.5	236
36	Diet type dictates the gut microbiota and the immune response against Yersinia ruckeri in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2014, 40, 624-633.	3.6	116

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37	Orchestrated interaction between IgT and complement C3 to control a skin parasite of rainbow trout. Fish and Shellfish Immunology, 2013, 34, 1708.	3.6	6
38	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
39	Approaches towards DNA Vaccination against a Skin Ciliate Parasite in Fish. PLoS ONE, 2012, 7, e48129.	2.5	25
40	Cysteine proteases as potential antigens in antiparasitic DNA vaccines. Vaccine, 2011, 29, 5575-5583.	3.8	8
41	Experimental evidence for direct in situ binding of IgM and IgT to early trophonts of Ichthyophthirius multifiliis (Fouquet) in the gills of rainbow trout, Oncorhynchus mykiss (Walbaum). Journal of Fish Diseases, 2011, 34, 749-755.	1.9	73
42	Occurrence of gyrodactylids on wild Atlantic salmon, Salmo salar L., in Danish rivers. Journal of Fish Diseases, 2008, 31, 127-134.	1.9	8
43	Immune-relevant genes expressed in rainbow trout following immunisation with a live vaccine against Ichthyophthirius multifiliis. Diseases of Aquatic Organisms, 2008, 80, 189-197.	1.0	47