Erling Olaf Koppang

List of Publications by Year
in descending order

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Version: 2024-02-01

59 papers	2,330 citations	186265 28 h-index	223800 46 g-index
61 all docs	61 docs citations	61 times ranked	1797 citing authors

#	Article	IF	Citations
1	Anatomy of Teleost Fish Immune Structures and Organs. , 2022, , 1-30.		2
2	The teleost polymeric Ig receptor counterpart in ballan wrasse (Labrus bergylta) differs from pIgR in higher vertebrates. Veterinary Immunology and Immunopathology, 2022, 249, 110440.	1.2	8
3	Variations in mucous cell numbers in gills of Atlantic salmon (Salmo salar) presmolt in commercial freshwater farms in Norway. Journal of Fish Diseases, 2021, 44, 25-32.	1.9	5
4	Anatomy of teleost fish immune structures and organs. Immunogenetics, 2021, 73, 53-63.	2.4	87
5	PRV-1 Infected Macrophages in Melanized Focal Changes in White Muscle of Atlantic Salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Ove	4.8	16
6	Early immunohistochemical detection of pulmonary micrometastases in dogs with osteosarcoma. Acta Veterinaria Scandinavica, 2021, 63, 41.	1.6	2
7	High-Resolution, 3D Imaging of the Zebrafish Gill-Associated Lymphoid Tissue (GIALT) Reveals a Novel Lymphoid Structure, the Amphibranchial Lymphoid Tissue. Frontiers in Immunology, 2021, 12, 769901.	4.8	18
8	A teleost structural analogue to the avian bursa of Fabricius. Journal of Anatomy, 2020, 236, 798-808.	1.5	39
9	Anatomy, immunology, digestive physiology and microbiota of the salmonid intestine: Knowns and unknowns under the impact of an expanding industrialized production. Fish and Shellfish Immunology, 2020, 107, 172-186.	3.6	32
10	IgM+ and IgT+ B Cell Traffic to the Heart during SAV Infection in Atlantic Salmon. Vaccines, 2020, 8, 493.	4.4	11
11	Lymphoid Tissue in Teleost Gills: Variations on a Theme. Biology, 2020, 9, 127.	2.8	35
12	Immunopathological characterization of red focal changes in Atlantic salmon (Salmo salar) white muscle. Veterinary Immunology and Immunopathology, 2020, 222, 110035.	1.2	10
13	Dissemination of Piscine orthoreovirus-1 (PRV-1) in Atlantic Salmon (Salmo salar) during the Early and Regenerating Phases of Infection. Pathogens, 2020, 9, 143.	2.8	12
14	Injection Vaccines Formulated with Nucleotide, Liposomal or Mineral Oil Adjuvants Induce Distinct Differences in Immunogenicity in Rainbow Trout. Vaccines, 2020, 8, 103.	4.4	6
15	Immune protection is dependent on the gut microbiome in a lethal mouse gammaherpesviral infection. Scientific Reports, 2020, 10, 2371.	3.3	18
16	Vertebral column deformity with curved crossâ€stitch vertebrae in Norwegian seawaterâ€farmed Atlantic salmon, Salmo salar L.. Journal of Fish Diseases, 2020, 43, 379-389.	1.9	8
17	Visualization of CCL19-like transcripts in the ILT, thymus and head kidney of Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Over	3.6	15
18	Erythroid Progenitor Cells in Atlantic Salmon (Salmo salar) May Be Persistently and Productively Infected with Piscine Orthoreovirus (PRV). Viruses, 2019, 11, 824.	3.3	18

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19	Tumor microenvironment and stroma in intestinal adenocarcinomas and associated metastases in Atlantic salmon broodfish (Salmo salar). Veterinary Immunology and Immunopathology, 2019, 214, 109891.	1.2	10
20	Melanized focal changes in skeletal muscle in farmed Atlantic salmon after natural infection with Piscine orthoreovirus (PRV). Journal of Fish Diseases, 2019, 42, 935-945.	1.9	26
21	Dietary Deoxynivalenol (DON) May Impair the Epithelial Barrier and Modulate the Cytokine Signaling in the Intestine of Atlantic Salmon (Salmo salar). Toxins, 2018, 10, 376.	3.4	16
22	Translocation of nanoparticles and Mycobacterium marinum across the intestinal epithelium in zebrafish and the role of the mucosal immune system. Developmental and Comparative Immunology, 2017, 67, 508-518.	2.3	30
23	Passive Immunization of Farmed Fish. Journal of Immunology, 2017, 198, 4195-4202.	0.8	18
24	The interbranchial lymphoid tissue likely contributes to immune tolerance and defense in the gills of Atlantic salmon. Developmental and Comparative Immunology, 2017, 76, 247-254.	2.3	21
25	Alternatives to mineral oil adjuvants in vaccines against Aeromonas salmonicida subsp. salmonicida in rainbow trout offer reductions in adverse effects. Scientific Reports, 2017, 7, 5930.	3.3	11
26	Antigen sampling in the fish intestine. Developmental and Comparative Immunology, 2016, 64, 138-149.	2.3	51
27	Immunolocalization of immune cells and cell cycle proteins in the bulbus arteriosus of Atlantic salmon (Salmo salar L.). Fish and Shellfish Immunology, 2016, 51, 64-69.	3.6	3
28	Morphological and functional development of the interbranchial lymphoid tissue (ILT) in Atlantic salmon (Salmo salar L). Fish and Shellfish Immunology, 2016, 58, 153-164.	3.6	18
29	The interbranchial lymphoid tissue of <scp>A</scp>tlantic <scp>S</scp>almon (<scp>S</scp>almo salar<scp>L</scp>) extends as a diffuse mucosal lymphoid tissue throughout the trailing edge of the gill filament. Journal of Morphology, 2015, 276, 1075-1088.	1.2	23
30	Global 3D Imaging of Yersinia ruckeri Bacterin Uptake in Rainbow Trout Fry. PLoS ONE, 2015, 10, e0117263.	2.5	22
31	Fish mucosal immunity: gill. , 2015, , 93-133.		73
32	Piscine orthoreovirus (PRV) in red and melanised foci in white muscle of Atlantic salmon (Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	3.0	40
33	Vaccination with outer membrane vesicles from Francisella noatunensis reduces development of francisellosis in a zebrafish model. Fish and Shellfish Immunology, 2015, 42, 50-57.	3.6	43
34	Adverse and long-term protective effects following oil-adjuvanted vaccination against Aeromonas salmonicida in rainbow trout. Fish and Shellfish Immunology, 2015, 42, 193-203.	3.6	35
35	Soft Texture of Atlantic Salmon Fillets Is Associated with Glycogen Accumulation. PLoS ONE, 2014, 9, e85551.	2.5	44
36	Antiviral functions of CD8+ cytotoxic T cells in teleost fish. Developmental and Comparative Immunology, 2014, 43, 197-204.	2.3	60

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37	Transcriptional response of immune genes in gills and the interbranchial lymphoid tissue of Atlantic salmon challenged with infectious salmon anaemia virus. Developmental and Comparative Immunology, 2014, 45, 107-114.	2.3	43
38	Transcriptional Characterization of the T Cell Population within the Salmonid Interbranchial Lymphoid Tissue. Journal of Immunology, 2014, 193, 3463-3469.	0.8	44
39	Immune parameters in the intestine of wild and reared unvaccinated and vaccinated Atlantic salmon (Salmo salar L.). Developmental and Comparative Immunology, 2014, 47, 6-16.	2.3	29
40	Uptake of yeast cells in the Atlantic salmon (Salmo salar L.) intestine. Developmental and Comparative Immunology, 2014, 47, 77-80.	2.3	17
41	Substitution of dietary fish oil with plant oils is associated with shortened mid intestinal folds in Atlantic salmon (Salmo salar). BMC Veterinary Research, 2014, 10, 60.	1.9	52
42	Infectious salmon anaemia virus infection of Atlantic salmon gill epithelial cells. Virology Journal, 2013, 10, 5.	3.4	30
43	Intestinal morphology of the wild atlantic salmon (Salmo salar). Journal of Morphology, 2013, 274, 859-876.	1.2	80
44	Transcription of the tyrosinase gene family in an Atlantic salmon leukocyte cell line (SHK-1) is influenced by temperature, but not by virus infection or bacterin stimulation. Developmental and Comparative Immunology, 2013, 41, 50-58.	2.3	8
45	Teleost T and NK cell immunity. Fish and Shellfish Immunology, 2013, 35, 197-206.	3.6	132
46	Characterisation of a monoclonal antibody detecting <scp>A</scp>tlantic salmon endothelial and red blood cells, and its association with the infectious salmon anaemia virus cell receptor. Journal of Anatomy, 2013, 222, 547-557.	1.5	26
47	Pathological pigmentation in cardiac tissues of Atlantic salmon (Salmo salar L.) with cardiomyopathy syndrome. Veterinary Research, 2013, 44, 107.	3.0	6
48	Expression of the Infectious Salmon Anemia Virus Receptor on Atlantic Salmon Endothelial Cells Correlates with the Cell Tropism of the Virus. Journal of Virology, 2012, 86, 10571-10578.	3.4	78
49	Pigment-producing granulomatous myopathy in Atlantic salmon: A novel inflammatory response. Fish and Shellfish Immunology, 2012, 33, 277-285.	3.6	41
50	Constitutive high expression of interleukin-4/13A and GATA-3 in gill and skin of salmonid fishes suggests that these tissues form Th2-skewed immune environments. Molecular Immunology, 2011, 48, 1360-1368.	2.2	109
51	A monoclonal antibody distinguishes between two IgM heavy chain isotypes in Atlantic salmon and brown trout: Protein characterization, 3D modeling and epitope mapping. Molecular Immunology, 2011, 48, 1859-1867.	2.2	7
52	Salmonid T cells assemble in the thymus, spleen and in novel interbranchial lymphoid tissue. Journal of Anatomy, 2010, 217, 728-739.	1.5	166
53	Antigen-sampling cells in the salmonid intestinal epithelium. Developmental and Comparative Immunology, 2010, 34, 768-774.	2.3	109
54	Manifestations of systemic autoimmunity in vaccinated salmon. Vaccine, 2010, 28, 4961-4969.	3.8	63

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55	From Chronic Feed-Induced Intestinal Inflammation to Adenocarcinoma with Metastases in Salmonid Fish. Cancer Research, 2009, 69, 4355-4362.	0.9	48
56	Identification and characterization of a novel intraepithelial lymphoid tissue in the gills of Atlantic salmon. Journal of Anatomy, 2008, 213, 202-209.	1.5	162
57	Vaccination-Induced Systemic Autoimmunity in Farmed Atlantic Salmon. Journal of Immunology, 2008, 181, 4807-4814.	0.8	116
58	Melanogenesis and evidence for melanosome transport to the plasma membrane in a CD83+ teleost leukocyte cell line. Pigment Cell & Melanoma Research, 2006, 19, 214-225.	3.6	50
59	Isolation of the Atlantic salmon tyrosinase gene family reveals heterogenous transcripts in a leukocyte cell line. Pigment Cell & Melanoma Research, 2006, 19, 327-336.	3.6	28