Roy A Dalmo

List of Publications by Year
in descending order

85	4,743	117453	98622
papers	citations	34 h-index	67 g-index

96	96	96	3673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prebiotics in aquaculture: a review. Aquaculture Nutrition, 2010, 16, 117-136.	1.1	532
2	The use of immunostimulants in fish larval aquaculture. Fish and Shellfish Immunology, 2005, 19, 457-472.	1.6	416
3	Non-specific defence mechanisms in fish, with particular reference to the reticuloendothelial system (RES). Journal of Fish Diseases, 1997, 20, 241-273.	0.9	375
4	ÃŸ-glucans as conductors of immune symphonies. Fish and Shellfish Immunology, 2008, 25, 384-396.	1.6	302
5	Adjuvants and immunostimulants in fish vaccines: Current knowledge and future perspectives. Fish and Shellfish Immunology, 2013, 35, 1740-1750.	1.6	211
6	Ontogeny of humoral immune parameters in fish. Fish and Shellfish Immunology, 2005, 19, 429-439.	1.6	208
7	What happens to the DNA vaccine in fish? A review of current knowledge. Fish and Shellfish Immunology, 2008, 25, 1-18.	1.6	127
8	The immunomodulatory effect of LPS, laminaran and sulphated laminaran [beta(l,3)-D-glucan] on Atlantic salmon, Salmo salar L., macrophages in vitro. Journal of Fish Diseases, 1995, 18, 175-185.	0.9	117
9	Cell-mediated immune responses in rainbow trout after DNA immunization against the viral hemorrhagic septicemia virus. Developmental and Comparative Immunology, 2008, 32, 239-252.	1.0	114
10	Maternal transfer of complement components C3-1, C3-3, C3-4, C4, C5, C7, Bf, and Df to offspring in rainbow trout (Oncorhynchus mykiss). Immunogenetics, 2006, 58, 168-179.	1.2	111
11	Antigen dose and humoral immune response correspond with protection for inactivated infectious pancreatic necrosis virus vaccines in Atlantic salmon (Salmo salar L). Veterinary Research, 2013, 44, 7.	1.1	81
12	The ontogeny and extrahepatic expression of complement factor C3 in Atlantic salmon (Salmo salar). Fish and Shellfish Immunology, 2007, 23, 542-552.	1.6	78
13	Strategies and hurdles using DNA vaccines to fish. Veterinary Research, 2014, 45, 21.	1.1	74
14	The stimulatory effect of a muscle protein hydrolysate from Atlantic cod,Gadus morhuaL., on Atlantic salmon,Salmo salarL., head kidney leucocytes. Fish and Shellfish Immunology, 1996, 6, 3-16.	1.6	73
15	Review on Immersion Vaccines for Fish: An Update 2019. Microorganisms, 2019, 7, 627.	1.6	69
16	Comparison of vaccine efficacy for different antigen delivery systems for infectious pancreatic necrosis virus vaccines in Atlantic salmon (Salmo salar L.) in a cohabitation challenge model. Vaccine, 2012, 30, 4007-4016.	1.7	67
17	<scp>DNA</scp> vaccines for fish: Review and perspectives on correlates of protection. Journal of Fish Diseases, 2018, 41, 1-9.	0.9	63
18	Interleukin-17D in Atlantic salmon (Salmo salar): Molecular characterization, 3D modelling and promoter analysis. Fish and Shellfish Immunology, 2009, 27, 647-659.	1.6	61

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19	Bath immunostimulation of rainbow trout (Oncorhynchus mykiss) fry induces enhancement of inflammatory cytokine transcripts, while repeated bath induce no changes. Fish and Shellfish Immunology, 2009, 26, 677-684.	1.6	59
20	Comparison of Aeromonas salmonicida resistant and susceptible salmon families: A high immune response is beneficial for the survival against Aeromonas salmonicida challenge. Fish and Shellfish Immunology, 2011, 31, 1-9.	1.6	53
21	The C3 subtypes are differentially regulated after immunostimulation in rainbow trout, but head kidney macrophages do not contribute to C3 transcription. Veterinary Immunology and Immunopathology, 2007, 117, 284-295.	0.5	49
22	The ontogeny of complement component C3 in the spotted wolffish (Anarhichas minor Olafsen). Fish and Shellfish Immunology, 2005, 18, 351-358.	1.6	47
23	The kinetics of CD4+ and CD8+ T-cell gene expression correlate with protection in Atlantic salmon (Salmo salar L) vaccinated against infectious pancreatic necrosis. Vaccine, 2013, 31, 1956-1963.	1.7	47
24	Trained Innate Immunity of Fish Is a Viable Approach in Larval Aquaculture. Frontiers in Immunology, 2019, 10, 42.	2.2	46
25	Isolation, cultivation and characterization of head kidney macrophages from Atlantic cod, Gadus morhua L.. Journal of Fish Diseases, 1997, 20, 93-107.	0.9	44
26	Cleaner fish in aquaculture: review on diseases and vaccination. Reviews in Aquaculture, 2021, 13, 189-237.	4.6	44
27	Early immune responses in Atlantic salmon (Salmo salar L.) after immunization with PLGA nanoparticles loaded with a model antigen and Î²-glucan. Vaccine, 2011, 29, 8338-8349.	1.7	42
28	The immunomodulatory effect of laminaran [beta(1,3)-D-glucan] on Atlantic salmon, Salmo salar L., anterior kidney leucocytes after intraperitoneal, peroral and peranal administration. Journal of Fish Diseases, 1996, 19, 449-457.	0.9	40
29	Transcription factor GATA-3 in Atlantic salmon (Salmo salar): Molecular characterization, promoter activity and expression analysis. Molecular Immunology, 2009, 46, 3099-3107.	1.0	40
30	The immunomodulatory effect of laminaran [beta(1,3)-D-glucan] on Atlantic salmon, Salmo salar L., anterior kidney leucocytes after intraperitoneal, peroral and peranal administration. Journal of Fish Diseases, 1996, 19, 449-457.	0.9	40
31	Oral administration of lipopolysaccharide to Atlantic salmon (Salmo salar L.) fry. Uptake, distribution, influence on growth and immune stimulation. Aquaculture, 2002, 214, 35-53.	1.7	39
32	Introduction of genetic engineering in aquaculture: Ecological and ethical implications for science and governance. Aquaculture, 2005, 250, 542-554.	1.7	39
33	Specific endocytosis and degradation of naked DNA in the endocardial cells of cod (Gadus morhua L.). Journal of Experimental Biology, 2007, 210, 2091-2103.	0.8	37
34	Genome editing on finfish: Current status and implications for sustainability. Reviews in Aquaculture, 2021, 13, 2344-2363.	4.6	37
35	Tissue localization of Aeromonas salmonicida in Atlantic salmon, Salmo salar L., following experimental challenge. Journal of Fish Diseases, 1999, 22, 125-131.	0.9	35
36	Immune response of Atlantic salmon to recombinant flagellin. Vaccine, 2011, 29, 7678-7687.	1.7	35

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37	Microspheres as antigen carriers: studies on intestinal absorption and tissue localization of polystyrene microspheres in Atlantic salmon, Salmo salar L.. Journal of Fish Diseases, 1995, 18, 87-91.	0.9	33
38	Immunostimulation of larvae and juveniles of cod, Gadus morhua L.. Journal of Fish Diseases, 2006, 29, 147-155.	0.9	33
39	Detection of supercoiled plasmid DNA and luciferase expression in Atlantic salmon (Salmo salar L.) 535days after injection. Fish and Shellfish Immunology, 2007, 23, 867-876.	1.6	31
40	Two-dimensional TIRF-SIMâ€“traction force microscopy (2D TIRF-SIM-TFM). Nature Communications, 2021, 12, 2169.	5.8	31
41	Xenobiotic excretion in fish with aglomerular kidneys. Marine Ecology - Progress Series, 1996, 136, 303-304.	0.9	30
42	Specific uptake of plasmid DNA without reporter gene expression in Atlantic salmon (Salmo salar L.) kidney after intramuscular administration. Fish and Shellfish Immunology, 2008, 24, 90-101.	1.6	29
43	Accumulation of immunomodulatory laminaran (beta(1,3)-D-glucan) in the heart, spleen and kidney of Atlantic cod, Gadus morhua L.. Journal of Fish Diseases, 1996, 19, 129-136.	0.9	28
44	Bath exposure of Atlantic halibut (Hippoglossus hippoglossus L.) yolk sac larvae to bacterial lipopolysaccharide (LPS): Absorption and distribution of the LPS and effect on fish survival. Fish and Shellfish Immunology, 2000, 10, 107-128.	1.6	28
45	Cloning, expression analysis and promoter structure of TBK1 (TANK-binding kinase 1) in Atlantic cod (Gadus morhua L.). Fish and Shellfish Immunology, 2011, 30, 1055-1063.	1.6	28
46	Scavenger-receptor-mediated endocytosis of lipopolysaccharide in Atlantic cod (Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	0.8	28
47	Influence of high-M alginate on the growth and survival of Atlantic cod (Gadus morhua L.) and spotted wolffish (Anarhichas minor Olafsen) fry. Fish and Shellfish Immunology, 2006, 20, 548-561.	1.6	27
48	DNA vaccination in aquaculture â€" Expert judgments of impacts on environment and fish health. Aquaculture, 2008, 284, 25-34.	1.7	26
49	Distribution of intravenously and perorally administeredAeromonas salmonicidalipopolysaccharide in Atlantic salmon,Salmo salarL.. Fish and Shellfish Immunology, 1996, 6, 427-441.	1.6	25
50	Extrahepatic synthesis of complement components in the rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2007, 23, 721-731.	1.6	25
51	Antigen uptake and immunoglobulin production in Atlantic cod (Gadus morhua L.) after intraperitoneal injection of Vibrio anguillarum. Fish and Shellfish Immunology, 2002, 13, 159-170.	1.6	24
52	Studies on the antibody response and side effects after intramuscular and intraperitoneal injection of Atlantic lumpfish (Cyclopterus lumpus L.) with different oilâ€based vaccines. Journal of Fish Diseases, 2017, 40, 1805-1813.	0.9	24
53	Absorption of immunomodulating Î²(1,3)â€glucan in yolk sac larvae of Atlantic halibut, Hippoglossus hippoglossus (L.). Journal of Fish Diseases, 1997, 20, 41-49.	0.9	23
54	The spotted wolffish (Anarhichas minor Olafsen) complement component C3: isolation, characterisation and tissue distribution. Fish and Shellfish Immunology, 2003, 15, 13-27.	1.6	23

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55	Tissue distribution and cellular uptake of Aeromonas salmonicida lipopolysaccharide (LPS) in some marine fish species. Journal of Fish Diseases, 1998, 21, 321-334.	0.9	22
56	Molecular characterizations and functional assessments of GATA-3 and its splice variant in Atlantic cod (Gadus morhua L.). Developmental and Comparative Immunology, 2012, 36, 491-501.	1.0	22
57	Transgene and immune gene expression following intramuscular injection of Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Ove lo 890-899.	1.6	22
58	Intestinal absorption of immunomodulatory laminaran and derivatives in Atlantic salmon, Salmo salar L.. Journal of Fish Diseases, 1994, 17, 579-589.	0.9	21
59	Molecular cloning and characterization of Foxp3 in Atlantic salmon (Salmo salar). Fish and Shellfish Immunology, 2011, 30, 902-909.	1.6	18
60	Vaccination of Atlantic salmon, Salmo salar L., with Aeromonas salmonicida and infectious pancreatic necrosis virus (IPNV) showed a mixed Th1/Th2/Treg response. Journal of Fish Diseases, 2013, 36, 881-886.	0.9	18
61	Transcription Factor T-Bet in Atlantic Salmon: Characterization and Gene Expression in Mucosal Tissues during Aeromonas Salmonicida Infection. Frontiers in Immunology, 2015, 6, 345.	2.2	18
62	Scavenger-receptor-mediated endocytosis of lipopolysaccharide in Atlantic cod (Gadus morhua L.). Journal of Experimental Biology, 2001, 204, 4055-64.	0.8	18
63	Prophylactic effect of Î²(1,3)-D-glucan (laminaran) against experimental Aeromonas salmonicida and Vibrio salmonicida infections. Journal of Fish Diseases, 1998, 21, 459-462.	0.9	17
64	Eomesodermin of Atlantic Salmon: An Important Regulator of Cytolytic Gene and Interferon Gamma Expression in Spleen Lymphocytes. PLoS ONE, 2013, 8, e55893.	1.1	17
65	Protection of Teleost Fish against Infectious Diseases through Oral Administration of Vaccines: Update 2021. International Journal of Molecular Sciences, 2021, 22, 10932.	1.8	16
66	Accumulation of immunomodulatory laminaran [beta(1,3)-D-glucan] in the spleen and kidney of Atlantic salmon, Salmo solar L.. Journal of Fish Diseases, 1995, 18, 545-553.	0.9	13
67	A plant 35S CaMV promoter induces long-term expression of luciferase in Atlantic salmon. Scientific Reports, 2016, 6, 25096.	1.6	12
68	Th17 master transcription factors RORÎ± and RORÎ³ regulate the expression of IL-17C, IL-17D and IL-17F in Cynoglossus semilaevis. Developmental and Comparative Immunology, 2016, 55, 169-178.	1.0	12
69	Vaccination of Atlantic lumpfish (Cyclopterus lumpus L.) at a low temperature leads to a low antibody response against Aeromonas salmonicida. Journal of Fish Diseases, 2018, 41, 613-623.	0.9	12
70	Studies on the effects of <scp>LPS</scp>, ÃŸâ€glucan and metabolic inhibitors on the respiratory burst and gene expression in Atlantic salmon macrophages. Journal of Fish Diseases, 2018, 41, 1117-1127.	0.9	11
71	Intramuscular vaccination of Atlantic lumpfish (Cyclopterus lumpus L.) induces inflammatory reactions and local immunoglobulin M production at the vaccine administration site. Journal of Fish Diseases, 2019, 42, 1731-1743.	0.9	11
72	Editorial: Vaccines and Immunostimulants for Finfish. Frontiers in Immunology, 2020, 11, 573771.	2.2	11

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73	Tissue distribution of the immunomodulator aminated Î²1â€“3 polyglucose in Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	9
74	Isolation and characterisation of spotted wolffish (Anarhichas minor Olafsen) macrophages. Fish and Shellfish Immunology, 2005, 18, 381-391.	1.6	9
75	Optimization of Formulation Variables to Increase Antigen Entrapment in PLGA Particles. Polymer-Plastics Technology and Engineering, 2012, 51, 1468-1473.	1.9	8
76	Fluorescence fluctuation-based super-resolution microscopy using multimodal waveguided illumination. Optics Express, 2021, 29, 23368.	1.7	8
77	Adjuvants and Delivery Methods: Current and Novel. Birkhauser Advances in Infectious Diseases, 2016, , 75-103.	0.3	6
78	Overexpression of T-bet, GATA-3 and TGF-ÃŸ Induces IFN-Î³, IL-4/13A, and IL-17A Expression in Atlantic Salmon. Biology, 2020, 9, 82.	1.3	5
79	Scavenger endothelial cells of fish, a review. Journal of Fish Diseases, 2021, 44, 1385-1397.	0.9	5
80	Cell-Mediated Immunity and Vaccines. Journal of Immunology Research, 2014, 2014, 1-2.	0.9	4
81	A New IL6 Isoform in Chinese Soft-Shelled Turtle (Pelodiscus sinesis) Discovered: Its Regulation during Cold Stress and Infection. Biology, 2020, 9, 111.	1.3	4
82	Vaccine Adjuvants Induce Formation of Intraperitoneal Extracellular Traps in Flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	3
83	Developments in adjuvants for fish vaccines. , 2012, , 244-274.		2
84	T-box transcription factor eomesodermin/Tbr2 in Atlantic cod (Gadus morhua L.): Molecular characterization, promoter structure and function analysis. Fish and Shellfish Immunology, 2019, 93, 28-38.	1.6	1
85	Immunostimulant Bathing Influences the Expression of Immune- and Metabolic-Related Genes in Atlantic Salmon Alevins. Biology, 2021, 10, 980.	1.3	1