Maria K. Dahle

List of Publications by Year
in descending order

74 papers	1,996 citations	236925 25 h-index	276875 41 g-index
78 all docs	78 docs citations	78 times ranked	1826 citing authors

#	Article	IF	Citations
1	Immune Response Against Piscine orthoreovirus (PRV) in Salmonids. , 2022, , 445-461.		3
2	Fish Skin and Gill Mucus: A Source of Metabolites for Non-Invasive Health Monitoring and Research. Metabolites, 2022, 12, 28.	2.9	7
3	Piscine Orthoreovirus (PRV)-3, but Not PRV-2, Cross-Protects against PRV-1 and Heart and Skeletal Muscle Inflammation in Atlantic Salmon. Vaccines, 2021, 9, 230.	4.4	7
4	PRV-1 Infected Macrophages in Melanized Focal Changes in White Muscle of Atlantic Salmon (Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	16
5	Mucosal and Systemic Immune Responses to Salmon Gill Poxvirus Infection in Atlantic Salmon Are Modulated Upon Hydrocortisone Injection. Frontiers in Immunology, 2021, 12, 689302.	4.8	7
6	Dynamics of Polarized Macrophages and Activated CD8+ Cells in Heart Tissue of Atlantic Salmon Infected With Piscine Orthoreovirus-1. Frontiers in Immunology, 2021, 12, 729017.	4.8	5
7	Establishment and Characterization of a Novel Gill Cell Line, LG-1, from Atlantic Lumpfish (Cyclopterus lumpus L.). Cells, 2021, 10, 2442.	4.1	2
8	The Atlantic Salmon Gill Transcriptome Response in a Natural Outbreak of Salmon Gill Pox Virus Infection Reveals New Biomarkers of Gill Pathology and Suppression of Mucosal Defense. Frontiers in Immunology, 2020, 11, 2154.	4.8	21
9	Detection of specific Atlantic salmon antibodies against salmonid alphavirus using a bead-based immunoassay. Fish and Shellfish Immunology, 2020, 106, 374-383.	3.6	8
10	Piscine Orthoreovirus-1 Isolates Differ in Their Ability to Induce Heart and Skeletal Muscle Inflammation in Atlantic Salmon (Salmo salar). Pathogens, 2020, 9, 1050.	2.8	28
11	First record of experimentally induced salmon gill poxvirus disease (SGPVD) in Atlantic salmon (Salmo salar L.). Veterinary Research, 2020, 51, 63.	3.0	12
12	Genotyping of Salmon Gill Poxvirus Reveals One Main Predominant Lineage in Europe, Featuring Fjord- and Fish Farm-Specific Sub-Lineages. Frontiers in Microbiology, 2020, 11, 1071.	3.5	8
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	Inactivation of Piscine orthoreovirus. Journal of Fish Diseases, 2020, 43, 1039-1048.	1.9	3
15	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
16	Detection of Salmonid IgM Specific to the Piscine Orthoreovirus Outer Capsid Spike Protein Sigma 1 Using Lipid-Modified Antigens in a Bead-Based Antibody Detection Assay. Frontiers in Immunology, 2019, 10, 2119.	4.8	11
17	Evolution of the Piscine orthoreovirus Genome Linked to Emergence of Heart and Skeletal Muscle Inflammation in Farmed Atlantic Salmon (Salmo salar). Viruses, 2019, 11, 465.	3.3	24
18	Antiviral defense in salmonids â€“ Mission made possible?. Fish and Shellfish Immunology, 2019, 87, 421-437.	3.6	34

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19	Piscine orthoreovirus subtype 3 (PRV-3) causes heart inflammation in rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Over	3.0	25
20	Piscine orthoreovirus infection in Atlantic salmon (Salmo salar) protects against subsequent challenge with infectious hematopoietic necrosis virus (IHNV). Veterinary Research, 2018, 49, 30.	3.0	22
21	DNA vaccine expressing the non-structural proteins of Piscine orthoreovirus delay the kinetics of PRV infection and induces moderate protection against heart -and skeletal muscle inflammation in Atlantic salmon (Salmo salar). Vaccine, 2018, 36, 7599-7608.	3.8	16
22	Molecular and Antigenic Characterization of Piscine orthoreovirus (PRV) from Rainbow Trout (Oncorhynchus mykiss). Viruses, 2018, 10, 170.	3.3	38
23	Inactivated Piscine orthoreovirus vaccine protects against heart and skeletal muscle inflammation in Atlantic salmon. Journal of Fish Diseases, 2018, 41, 1411-1419.	1.9	27
24	Antiviral Responses and Biological Concequences of Piscine orthoreovirus Infection in Salmonid Erythrocytes. Frontiers in Immunology, 2018, 9, 3182.	4.8	14
25	A bead based multiplex immunoassay detects Piscine orthoreovirus specific antibodies in Atlantic salmon (Salmo salar). Fish and Shellfish Immunology, 2017, 63, 491-499.	3.6	24
26	Immunological interactions between Piscine orthoreovirus and Salmonid alphavirus infections in Atlantic salmon. Fish and Shellfish Immunology, 2017, 64, 308-319.	3.6	20
27	Infection with purified Piscine orthoreovirus demonstrates a causal relationship with heart and skeletal muscle inflammation in Atlantic salmon. PLoS ONE, 2017, 12, e0183781.	2.5	83
28	Viral Protein Kinetics of Piscine Orthoreovirus Infection in Atlantic Salmon Blood Cells. Viruses, 2017, 9, 49.	3.3	34
29	Infection experiments with novel Piscine orthoreovirus from rainbow trout (Oncorhynchus mykiss) in salmonids. PLoS ONE, 2017, 12, e0180293.	2.5	44
30	Hypoxia tolerance and responses to hypoxic stress during heart and skeletal muscle inflammation in Atlantic salmon (Salmo salar). PLoS ONE, 2017, 12, e0181109.	2.5	48
31	Piscine orthoreovirus can infect and shed through the intestine in experimentally challenged Atlantic salmon (Salmo salar L.). Veterinary Research, 2016, 47, 57.	3.0	20
32	Experimental Piscine orthoreovirus infection mediates protection against pancreas disease in Atlantic salmon (Salmo salar). Veterinary Research, 2016, 47, 107.	3.0	36
33	Differences in gene expression in Atlantic salmon parr and smolt after challenge with Piscine orthoreovirus (PRV). Molecular Immunology, 2016, 73, 138-150.	2.2	48
34	The non-structural protein Î¼NS of piscine orthoreovirus (PRV) forms viral factory-like structures. Veterinary Research, 2016, 47, 5.	3.0	26
35	Transcriptome analyses of Atlantic salmon (Salmo salar L.) erythrocytes infected with piscine orthoreovirus (PRV). Fish and Shellfish Immunology, 2015, 45, 780-790.	3.6	84
36	Higher TNFÎ± responses in young males compared to females are associated with attenuation of monocyte adenylyl cyclase expression. Human Immunology, 2015, 76, 427-430.	2.4	12

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37	Piscine orthoreovirus (PRV) Æ¡3 protein binds dsRNA. Virus Research, 2015, 198, 22-29.	2.2	13
38	Piscine orthoreovirus (PRV) replicates in Atlantic salmon (Salmo salar L.) erythrocytes ex vivo. Veterinary Research, 2015, 46, 26.	3.0	86
39	Piscine orthoreovirus (PRV) infects Atlantic salmon erythrocytes. Veterinary Research, 2014, 45, 35.	3.0	92
40	Multiple sclerosis-associated single-nucleotide polymorphisms in CLEC16A correlate with reduced SOCS1 and DEXI expression in the thymus. Genes and Immunity, 2013, 14, 62-66.	4.1	33
41	Rat Macrophage C-Type Lectin Is an Activating Receptor Expressed by Phagocytic Cells. PLoS ONE, 2013, 8, e57406.	2.5	22
42	Sequence Analysis of the Genome of Piscine Orthoreovirus (PRV) Associated with Heart and Skeletal Muscle Inflammation (HSMI) in Atlantic Salmon (Salmo salar). PLoS ONE, 2013, 8, e70075.	2.5	55
43	Human monocyte responses to lipopolysaccharide and 9-cis retinoic acid after laparoscopic surgery for colon cancer. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 593-601.	1.2	6
44	9-cis Retinoic Acid Inhibits Inflammatory Responses of Adherent Monocytes and Increases Their Ability to Induce Classical Monocyte Migration. Journal of Innate Immunity, 2012, 4, 176-186.	3.8	16
45	Cecal Ligation and Puncture Sepsis Is Associated with Attenuated Expression of Adenylyl Cyclase 9 and Increased Mir142-3p. Shock, 2011, 36, 390-395.	2.1	22
46	Liver X Receptor Protects against Liver Injury in Sepsis Caused by Rodent Cecal Ligation and Puncture. Surgical Infections, 2011, 12, 283-289.	1.4	18
47	Cyclic adenosine monophosphate signaling and organ dysfunction in septic shock. Journal of Organ Dysfunction, 2009, 5, 38-50.	0.3	0
48	The synthetic liver X receptor agonist GW3965 reduces tissue factor production and inflammatory responses in human islets in vitro. Diabetologia, 2009, 52, 1352-1362.	6.3	15
49	LIVER X RECEPTOR AGONIST GW3965 DOSE-DEPENDENTLY REGULATES LPS-MEDIATED LIVER INJURY AND MODULATES POSTTRANSCRIPTIONAL TNF-Î± PRODUCTION AND P38 MITOGEN-ACTIVATED PROTEIN KINASE ACTIVATION IN LIVER MACROPHAGES. Shock, 2009, 32, 548-553.	2.1	39
50	EBV infection renders B cells resistant to growth inhibition via adenylyl cyclase. Cellular Signalling, 2008, 20, 1169-1178.	3.6	7
51	LIVER X RECEPTOR IS A KEY REGULATOR OF CYTOKINE RELEASE IN HUMAN MONOCYTES. Shock, 2008, 29, 468-474.	2.1	44
52	Lipopolysaccharide attenuates mRNA levels of several adenylyl cyclase isoforms in vivo. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 32-39.	3.8	27
53	ACTIVATION OF LIVER X RECEPTOR BY SYNTHETIC AGONIST T0901317 REDUCES THE LIVER INJURY CAUSED BY LIPOPOLYSACCHARIDE IN THE RAT. Shock, 2006, 25, 72.	2.1	0
54	Impaired monocyte Toll-like receptor-4 signaling in trauma and sepsis: Is SIGIRR the answer?*. Critical Care Medicine, 2006, 34, 2498-2500.	0.9	5

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55	ACTIVATION OF THE LIVER X RECEPTOR PROTECTS AGAINST HEPATIC INJURY IN ENDOTOXEMIA BY SUPPRESSING KUPFFER CELL ACTIVATION. Shock, 2006, 25, 141-146.	2.1	66
56	Antiâ€inflammatory properties of enamel matrix derivative in human blood. Journal of Periodontal Research, 2006, 41, 208-213.	2.7	55
57	INFLUENCE OF LIVER X RECEPTOR SIGNALING ON SEPTIC PATHOLOGY. Shock, 2006, 26, 9.	2.1	0
58	PEPTIDOGLYCAN OF STAPHYLOCCUS AUREUS INDUCES ENHANCED LEVELS OF MATRIX METALLOPROTEINASE-9 IN HUMAN BLOOD ORIGINATING FROM NEUTROPHILS. Shock, 2005, 24, 214-218.	2.1	36
59	Cytokine Responses to Fungal Pathogens in Kupffer Cells are Toll-like Receptor 4 Independent and Mediated by Tyrosine Kinases. Scandinavian Journal of Immunology, 2005, 62, 148-154.	2.7	20
60	Effects of Forskolin on Kupffer Cell Production of Interleukin-10 and Tumor Necrosis Factor Alpha Differ from Those of Endogenous Adenylyl Cyclase Activators: Possible Role for Adenylyl Cyclase 9. Infection and Immunity, 2005, 73, 7290-7296.	2.2	19
61	ACTIVATION OF THE LIVER X RECEPTOR BY GW3965 PROTECTS AGAINST HEPATIC INJURY IN ENDOTOXEMIA.. Critical Care Medicine, 2005, 33, A138.	0.9	0
62	The Phosphatidylinositol 3-Kinase/Protein Kinase B Signaling Pathway Is Activated by Lipoteichoic Acid and Plays a Role in Kupffer Cell Production of Interleukin-6 (IL-6) and IL-10. Infection and Immunity, 2004, 72, 5704-5711.	2.2	56
63	Organ Injury and Cytokine Release Caused by Peptidoglycan Are Dependent on the Structural Integrity of the Glycan Chain. Infection and Immunity, 2004, 72, 1311-1317.	2.2	22
64	Peptidoglycan of Staphylococcus aureus causes inflammation and organ injury in the rat*. Critical Care Medicine, 2004, 32, 546-552.	0.9	59
65	A Winged Helix Forkhead (FOXD2) Tunes Sensitivity to cAMP in T Lymphocytes through Regulation of cAMP-dependent Protein Kinase RÎ±. Journal of Biological Chemistry, 2003, 278, 17573-17579.	3.4	18
66	Peptidoglycan and Lipoteichoic Acid in Gram-Positive Bacterial Sepsis: Receptors, Signal Transduction, Biological Effects, and Synergism. Shock, 2003, 20, 402-414.	2.1	133
67	Mechanisms of FOXC2- and FOXD1-mediated Regulation of the RÎ± Subunit of cAMP-dependent Protein Kinase Include Release of Transcriptional Repression and Activation by Protein Kinase BÎ± and cAMP. Journal of Biological Chemistry, 2002, 277, 22902-22908.	3.4	46
68	Electrical Muscle Activity Pattern and Transcriptional and Posttranscriptional Mechanisms Regulate PKA Subunit Expression in Rat Skeletal Muscle. Molecular and Cellular Neurosciences, 2002, 19, 125-137.	2.2	8
69	USF2 inhibits C/EBP-mediated transcriptional regulation of the RIIbeta subunit of cAMP-dependent protein kinase. BMC Molecular Biology, 2002, 3, 10.	3.0	11
70	Cyclic AMP regulates expression of the RÎ± subunit of cAMP-dependent protein kinase through an alternatively spliced 5â€² UTR. FEBS Journal, 2001, 268, 5920-5929.	0.2	14
71	Novel alternatively spliced mRNA (1c) of the protein kinase A RIα subunit is implicated in haploid germ cell specific expression. Molecular Reproduction and Development, 2001, 59, 11-16.	2.0	14
72	Isoform-Specific Regulation of the CCAAT/Enhancer-Binding Protein Family of Transcription Factors by 3â€²,5â€²-Cyclic Adenosine Monophosphate in Sertoli Cells*. Endocrinology, 1999, 140, 835-843.	2.8	36

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73	Isoform-Specific Regulation of the CCAAT/Enhancer-Binding Protein Family of Transcription Factors by 3',5'-Cyclic Adenosine Monophosphate in Sertoli Cells. Endocrinology, 1999, 140, 835-843.	2.8	12
74	Tetraploid Ancestry Provided Atlantic Salmon With Two Paralogue Functional T Cell Receptor Beta Regions Whereof One Is Completely Novel. Frontiers in Immunology, 0, 13, .	4.8	4