

Maria K. Dahle

List of Publications by Year in descending order

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236925

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#	ARTICLE	IF	CITATIONS
1	Peptidoglycan and Lipoteichoic Acid in Gram-Positive Bacterial Sepsis: Receptors, Signal Transduction, Biological Effects, and Synergism. <i>Shock</i> , 2003, 20, 402-414.	2.1	133
2	Piscine orthoreovirus (PRV) infects Atlantic salmon erythrocytes. <i>Veterinary Research</i> , 2014, 45, 35.	3.0	92
3	Piscine orthoreovirus (PRV) replicates in Atlantic salmon (<i>Salmo salar</i> L.) erythrocytes ex vivo. <i>Veterinary Research</i> , 2015, 46, 26.	3.0	86
4	Transcriptome analyses of Atlantic salmon (<i>Salmo salar</i> L.) erythrocytes infected with piscine orthoreovirus (PRV). <i>Fish and Shellfish Immunology</i> , 2015, 45, 780-790.	3.6	84
5	Infection with purified Piscine orthoreovirus demonstrates a causal relationship with heart and skeletal muscle inflammation in Atlantic salmon. <i>PLoS ONE</i> , 2017, 12, e0183781.	2.5	83
6	ACTIVATION OF THE LIVER X RECEPTOR PROTECTS AGAINST HEPATIC INJURY IN ENDOTOXEMIA BY SUPPRESSING KUPFFER CELL ACTIVATION. <i>Shock</i> , 2006, 25, 141-146.	2.1	66
7	Peptidoglycan of <i>Staphylococcus aureus</i> causes inflammation and organ injury in the rat*. <i>Critical Care Medicine</i> , 2004, 32, 546-552.	0.9	59
8	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. <i>Infection and Immunity</i> , 2004, 72, 5704-5711.	2.2	56
9	Anti-inflammatory properties of enamel matrix derivative in human blood. <i>Journal of Periodontal Research</i> , 2006, 41, 208-213.	2.7	55
10	Sequence Analysis of the Genome of Piscine Orthoreovirus (PRV) Associated with Heart and Skeletal Muscle Inflammation (HSMI) in Atlantic Salmon (<i>Salmo salar</i>). <i>PLoS ONE</i> , 2013, 8, e70075.	2.5	55
11	Differences in gene expression in Atlantic salmon parr and smolt after challenge with Piscine orthoreovirus (PRV). <i>Molecular Immunology</i> , 2016, 73, 138-150.	2.2	48
12	Hypoxia tolerance and responses to hypoxic stress during heart and skeletal muscle inflammation in Atlantic salmon (<i>Salmo salar</i>). <i>PLoS ONE</i> , 2017, 12, e0181109.	2.5	48
13	Mechanisms of FOXO2- and FOXO1-mediated Regulation of the R α Subunit of cAMP-dependent Protein Kinase Include Release of Transcriptional Repression and Activation by Protein Kinase B α and cAMP. <i>Journal of Biological Chemistry</i> , 2002, 277, 22902-22908.	3.4	46
14	LIVER X RECEPTOR IS A KEY REGULATOR OF CYTOKINE RELEASE IN HUMAN MONOCYTES. <i>Shock</i> , 2008, 29, 468-474.	2.1	44
15	Infection experiments with novel Piscine orthoreovirus from rainbow trout (<i>Oncorhynchus mykiss</i>) in salmonids. <i>PLoS ONE</i> , 2017, 12, e0180293.	2.5	44
16	LIVER X RECEPTOR AGONIST GW3965 DOSE-DEPENDENTLY REGULATES LPS-MEDIATED LIVER INJURY AND MODULATES POSTTRANSCRIPTIONAL TNF- α PRODUCTION AND P38 MITOGEN-ACTIVATED PROTEIN KINASE ACTIVATION IN LIVER MACROPHAGES. <i>Shock</i> , 2009, 32, 548-553.	2.1	39
17	Molecular and Antigenic Characterization of Piscine orthoreovirus (PRV) from Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Viruses</i> , 2018, 10, 170.	3.3	38
18	Isoform-Specific Regulation of the CCAAT/Enhancer-Binding Protein Family of Transcription Factors by 3 α ,5 α -Cyclic Adenosine Monophosphate in Sertoli Cells*. <i>Endocrinology</i> , 1999, 140, 835-843.	2.8	36

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19	PEPTIDOGLYCAN OF STAPHYLOCCUS AUREUS INDUCES ENHANCED LEVELS OF MATRIX METALLOPROTEINASE-9 IN HUMAN BLOOD ORIGINATING FROM NEUTROPHILS. <i>Shock</i> , 2005, 24, 214-218.	2.1	36
20	Experimental Piscine orthoreovirus infection mediates protection against pancreas disease in Atlantic salmon (<i>Salmo salar</i>). <i>Veterinary Research</i> , 2016, 47, 107.	3.0	36
21	Viral Protein Kinetics of Piscine Orthoreovirus Infection in Atlantic Salmon Blood Cells. <i>Viruses</i> , 2017, 9, 49.	3.3	34
22	Antiviral defense in salmonids "Mission made possible?". <i>Fish and Shellfish Immunology</i> , 2019, 87, 421-437.	3.6	34
23	Multiple sclerosis-associated single-nucleotide polymorphisms in CLEC16A correlate with reduced SOCS1 and DEXI expression in the thymus. <i>Genes and Immunity</i> , 2013, 14, 62-66.	4.1	33
24	Piscine Orthoreovirus-1 Isolates Differ in Their Ability to Induce Heart and Skeletal Muscle Inflammation in Atlantic Salmon (<i>Salmo salar</i>). <i>Pathogens</i> , 2020, 9, 1050.	2.8	28
25	Lipopolysaccharide attenuates mRNA levels of several adenylyl cyclase isoforms in vivo. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 32-39.	3.8	27
26	Inactivated <i>Piscine orthoreovirus</i> vaccine protects against heart and skeletal muscle inflammation in Atlantic salmon. <i>Journal of Fish Diseases</i> , 2018, 41, 1411-1419.	1.9	27
27	The non-structural protein NS of piscine orthoreovirus (PRV) forms viral factory-like structures. <i>Veterinary Research</i> , 2016, 47, 5.	3.0	26
28	Piscine orthoreovirus subtype 3 (PRV-3) causes heart inflammation in rainbow trout (<i>Oncorhynchus tshawytscha</i>). <i>Journal of Fish Diseases</i> , 2018, 41, 1411-1419.	3.0	25
29	A bead based multiplex immunoassay detects Piscine orthoreovirus specific antibodies in Atlantic salmon (<i>Salmo salar</i>). <i>Fish and Shellfish Immunology</i> , 2017, 63, 491-499.	3.6	24
30	Evolution of the Piscine orthoreovirus Genome Linked to Emergence of Heart and Skeletal Muscle Inflammation in Farmed Atlantic Salmon (<i>Salmo salar</i>). <i>Viruses</i> , 2019, 11, 465.	3.3	24
31	Organ Injury and Cytokine Release Caused by Peptidoglycan Are Dependent on the Structural Integrity of the Glycan Chain. <i>Infection and Immunity</i> , 2004, 72, 1311-1317.	2.2	22
32	Cecal Ligation and Puncture Sepsis Is Associated with Attenuated Expression of Adenylyl Cyclase 9 and Increased Mir142-3p. <i>Shock</i> , 2011, 36, 390-395.	2.1	22
33	Rat Macrophage C-Type Lectin Is an Activating Receptor Expressed by Phagocytic Cells. <i>PLoS ONE</i> , 2013, 8, e57406.	2.5	22
34	Piscine orthoreovirus infection in Atlantic salmon (<i>Salmo salar</i>) protects against subsequent challenge with infectious hematopoietic necrosis virus (IHNV). <i>Veterinary Research</i> , 2018, 49, 30.	3.0	22
35	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. <i>Frontiers in Immunology</i> , 2020, 11, 2154.	4.8	21
36	Cytokine Responses to Fungal Pathogens in Kupffer Cells are Toll-like Receptor 4 Independent and Mediated by Tyrosine Kinases. <i>Scandinavian Journal of Immunology</i> , 2005, 62, 148-154.	2.7	20

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37	Piscine orthoreovirus can infect and shed through the intestine in experimentally challenged Atlantic salmon (<i>Salmo salar</i> L.). <i>Veterinary Research</i> , 2016, 47, 57.	3.0	20
38	Immunological interactions between Piscine orthoreovirus and Salmonid alphavirus infections in Atlantic salmon. <i>Fish and Shellfish Immunology</i> , 2017, 64, 308-319.	3.6	20
39	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. <i>Infection and Immunity</i> , 2005, 73, 7290-7296.	2.2	19
40	A Winged Helix Forkhead (FOXD2) Tunes Sensitivity to cAMP in T Lymphocytes through Regulation of cAMP-dependent Protein Kinase RI α . <i>Journal of Biological Chemistry</i> , 2003, 278, 17573-17579.	3.4	18
41	Liver X Receptor Protects against Liver Injury in Sepsis Caused by Rodent Cecal Ligation and Puncture. <i>Surgical Infections</i> , 2011, 12, 283-289.	1.4	18
42	Erythroid Progenitor Cells in Atlantic Salmon (<i>Salmo salar</i>) May Be Persistently and Productively Infected with Piscine Orthoreovirus (PRV). <i>Viruses</i> , 2019, 11, 824.	3.3	18
43	9-cis Retinoic Acid Inhibits Inflammatory Responses of Adherent Monocytes and Increases Their Ability to Induce Classical Monocyte Migration. <i>Journal of Innate Immunity</i> , 2012, 4, 176-186.	3.8	16
44	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 (<i>Salmo salar</i>). <i>Vaccine</i> , 2018, 36, 7599-7608.	3.8	16
45	PRV-1 Infected Macrophages in Melanized Focal Changes in White Muscle of Atlantic Salmon (<i>Salmo</i>) Tj ETQq1 1 0,784314 rgBT /Ove	4.8	16
46	The synthetic liver X receptor agonist GW3965 reduces tissue factor production and inflammatory responses in human islets in vitro. <i>Diabetologia</i> , 2009, 52, 1352-1362.	6.3	15
47	Cyclic AMP regulates expression of the RI α subunit of cAMP-dependent protein kinase through an alternatively spliced 5' UTR. <i>FEBS Journal</i> , 2001, 268, 5920-5929.	0.2	14
48	Novel alternatively spliced mRNA ∥ of the protein kinase A RI α subunit is implicated in haploid germ cell specific expression. <i>Molecular Reproduction and Development</i> , 2001, 59, 11-16.	2.0	14
49	Antiviral Responses and Biological Consequences of Piscine orthoreovirus Infection in Salmonid Erythrocytes. <i>Frontiers in Immunology</i> , 2018, 9, 3182.	4.8	14
50	Piscine orthoreovirus (PRV) β 3 protein binds dsRNA. <i>Virus Research</i> , 2015, 198, 22-29.	2.2	13
51	Higher TNF α responses in young males compared to females are associated with attenuation of monocyte adenylyl cyclase expression. <i>Human Immunology</i> , 2015, 76, 427-430.	2.4	12
52	First record of experimentally induced salmon gill poxvirus disease (SGPVD) in Atlantic salmon (<i>Salmo salar</i> L.). <i>Veterinary Research</i> , 2020, 51, 63.	3.0	12
53	Dissemination of Piscine orthoreovirus-1 (PRV-1) in Atlantic Salmon (<i>Salmo salar</i>) during the Early and Regenerating Phases of Infection. <i>Pathogens</i> , 2020, 9, 143.	2.8	12
54	Isoform-Specific Regulation of the CCAAT/Enhancer-Binding Protein Family of Transcription Factors by 3',5'-Cyclic Adenosine Monophosphate in Sertoli Cells. <i>Endocrinology</i> , 1999, 140, 835-843.	2.8	12

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55	USF2 inhibits C/EBP-mediated transcriptional regulation of the RIIbeta subunit of cAMP-dependent protein kinase. <i>BMC Molecular Biology</i> , 2002, 3, 10.	3.0	11
56	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. <i>Frontiers in Immunology</i> , 2019, 10, 2119.	4.8	11
57	Electrical Muscle Activity Pattern and Transcriptional and Posttranscriptional Mechanisms Regulate PKA Subunit Expression in Rat Skeletal Muscle. <i>Molecular and Cellular Neurosciences</i> , 2002, 19, 125-137.	2.2	8
58	Detection of specific Atlantic salmon antibodies against salmonid alphavirus using a bead-based immunoassay. <i>Fish and Shellfish Immunology</i> , 2020, 106, 374-383.	3.6	8
59	Genotyping of Salmon Gill Poxvirus Reveals One Main Predominant Lineage in Europe, Featuring Fjord- and Fish Farm-Specific Sub-Lineages. <i>Frontiers in Microbiology</i> , 2020, 11, 1071.	3.5	8
60	EBV infection renders B cells resistant to growth inhibition via adenylyl cyclase. <i>Cellular Signalling</i> , 2008, 20, 1169-1178.	3.6	7
61	Piscine Orthoreovirus (PRV)-3, but Not PRV-2, Cross-Protects against PRV-1 and Heart and Skeletal Muscle Inflammation in Atlantic Salmon. <i>Vaccines</i> , 2021, 9, 230.	4.4	7
62	Mucosal and Systemic Immune Responses to Salmon Gill Poxvirus Infection in Atlantic Salmon Are Modulated Upon Hydrocortisone Injection. <i>Frontiers in Immunology</i> , 2021, 12, 689302.	4.8	7
63	Fish Skin and Gill Mucus: A Source of Metabolites for Non-Invasive Health Monitoring and Research. <i>Metabolites</i> , 2022, 12, 28.	2.9	7
64	Human monocyte responses to lipopolysaccharide and 9-cis retinoic acid after laparoscopic surgery for colon cancer. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 593-601.	1.2	6
65	Impaired monocyte Toll-like receptor-4 signaling in trauma and sepsis: Is SIGIRR the answer?*. <i>Critical Care Medicine</i> , 2006, 34, 2498-2500.	0.9	5
66	Dynamics of Polarized Macrophages and Activated CD8+ Cells in Heart Tissue of Atlantic Salmon Infected With Piscine Orthoreovirus-1. <i>Frontiers in Immunology</i> , 2021, 12, 729017.	4.8	5
67	Tetraploid Ancestry Provided Atlantic Salmon With Two Parologue Functional T Cell Receptor Beta Regions Whereof One Is Completely Novel. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
68	Inactivation of Piscine orthoreovirus. <i>Journal of Fish Diseases</i> , 2020, 43, 1039-1048.	1.9	3
69	Immune Response Against Piscine orthoreovirus (PRV) in Salmonids. , 2022, , 445-461.		3
70	Establishment and Characterization of a Novel Gill Cell Line, LG-1, from Atlantic Lumpfish (<i>Cyclopterus lumpus</i> L.). <i>Cells</i> , 2021, 10, 2442.	4.1	2
71	ACTIVATION OF LIVER X RECEPTOR BY SYNTHETIC AGONIST T0901317 REDUCES THE LIVER INJURY CAUSED BY LIPOPOLYSACCHARIDE IN THE RAT. <i>Shock</i> , 2006, 25, 72.	2.1	0
72	INFLUENCE OF LIVER X RECEPTOR SIGNALING ON SEPTIC PATHOLOGY. <i>Shock</i> , 2006, 26, 9.	2.1	0

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73	Cyclic adenosine monophosphate signaling and organ dysfunction in septic shock. Journal of Organ Dysfunction, 2009, 5, 38-50.	0.3	0
74	ACTIVATION OF THE LIVER X RECEPTOR BY GW3965 PROTECTS AGAINST HEPATIC INJURY IN ENDOTOXEMIA.. Critical Care Medicine, 2005, 33, A138.	0.9	0