

Sebastian Boltana

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,598
citations

304701

22
h-index

315719

38
g-index

52
all docs

52
docs citations

52
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Fish Stock Density on Hormone Genes Expression from Brain and Gastrointestinal Tract of <i>Salmo salar</i> . <i>Animals</i> , 2022, 12, 1174.	2.3	2
2	Interferon Gamma Induces the Increase of Cell-Surface Markers (CD80/86, CD83 and MHC-II) in Splenocytes From Atlantic Salmon. <i>Frontiers in Immunology</i> , 2021, 12, 666356.	4.8	8
3	Behavioural Fever Promotes an Inflammatory Reflex Circuit in Ectotherms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8860.	4.1	6
4	Viral Infection Drives the Regulation of Feeding Behavior Related Genes in <i>Salmo salar</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11391.	4.1	2
5	Linking stress coping styles with brain mRNA abundance of selected transcripts for Senegalese sole (<i>Solea senegalensis</i>) juveniles. <i>Physiology and Behavior</i> , 2020, 213, 112724.	2.1	10
6	Parasitic Crustaceans. , 2020, , 401-434.		1
7	Anti-inflammatory mediators and appetite regulatory neuropeptides are affected by chronic stress in <i>Salmo salar</i> . <i>Fish and Shellfish Immunology</i> , 2019, 91, 397.	3.6	0
8	Early transcriptomic responses associated with the membrane-initiated action of cortisol in the skeletal muscle of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Physiological Genomics</i> , 2019, 51, 596-606.	2.3	15
9	Characterization of the European Sea Bass (<i>Dicentrarchus labrax</i>) Gonadal Transcriptome During Sexual Development. <i>Marine Biotechnology</i> , 2019, 21, 359-373.	2.4	28
10	Membrane-initiated cortisol action modulates early pyruvate dehydrogenase kinase 2 (pdk2) expression in fish skeletal muscle. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 233, 24-29.	1.8	15
11	Contribution of Non-canonical Cortisol Actions in the Early Modulation of Glucose Metabolism of Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Frontiers in Endocrinology</i> , 2019, 10, 779.	3.5	15
12	The expression of TRPV channels, prostaglandin E2 and pro-inflammatory cytokines during behavioural fever in fish. <i>Brain, Behavior, and Immunity</i> , 2018, 71, 169-181.	4.1	45
13	Thermal Modulation of Monoamine Levels Influence Fish Stress and Welfare. <i>Frontiers in Endocrinology</i> , 2018, 9, 717.	3.5	5
14	Behavioral Fever Drives Epigenetic Modulation of the Immune Response in Fish. <i>Frontiers in Immunology</i> , 2018, 9, 1241.	4.8	20
15	Iron Overload Is Associated With Oxidative Stress and Nutritional Immunity During Viral Infection in Fish. <i>Frontiers in Immunology</i> , 2018, 9, 1296.	4.8	34
16	Uncovering iron regulation with species-specific transcriptome patterns in Atlantic and coho salmon during a <i>Caligus rogercresseyi</i> infestation. <i>Journal of Fish Diseases</i> , 2017, 40, 1169-1184.	1.9	29
17	The <i>Caligus rogercresseyi</i> miRNome: Discovery and transcriptome profiling during the sea lice ontogeny. <i>Agri Gene</i> , 2017, 4, 8-22.	1.9	12
18	RNA-seq analysis of the head-kidney transcriptome response to handling-stress in the red cusk-eel (<i>Urophycis regia</i>). <i>Journal of Fish Diseases</i> , 2017, 40, 111-117.	1.0	6

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19	Influences of thermal environment on fish growth. <i>Ecology and Evolution</i> , 2017, 7, 6814-6825.	1.9	69
20	Behavioural fever in zebrafish larvae. <i>Developmental and Comparative Immunology</i> , 2017, 67, 287-292.	2.3	17
21	Extending Immunological Profiling in the Gilthead Sea Bream, <i>Sparus aurata</i> , by Enriched cDNA Library Analysis, Microarray Design and Initial Studies upon the Inflammatory Response to PAMPs. <i>International Journal of Molecular Sciences</i> , 2017, 18, 317.	4.1	5
22	Evidence for the Induction of Key Components of the NOTCH Signaling Pathway via Deltamethrin and Azamethiphos Treatment in the Sea Louse <i>Caligus rogercresseyi</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 304.	4.1	4
23	Pesticides Drive Stochastic Changes in the Chemoreception and Neurotransmission System of Marine Ectoparasites. <i>International Journal of Molecular Sciences</i> , 2016, 17, 700.	4.1	8
24	Long noncoding RNAs (lncRNAs) dynamics evidence immunomodulation during ISAV-Infected Atlantic salmon (<i>Salmo salar</i>). <i>Scientific Reports</i> , 2016, 6, 22698.	3.3	55
25	Comparative immunity of <i>Salmo salar</i> and <i>Oncorhynchus kisutch</i> during infestation with the sea louse <i>Caligus rogercresseyi</i> : An enrichment transcriptome analysis. <i>Fish and Shellfish Immunology</i> , 2016, 59, 276-287.	3.6	45
26	Density-dependent effects of <i>Caligus rogercresseyi</i> infestation on the immune responses of <i>Salmo salar</i> . <i>Fish and Shellfish Immunology</i> , 2016, 59, 365-374.	3.6	9
27	In-feed additives modulate ionotropic receptor genes from the sea louse <i>Caligus rogercresseyi</i> : A comparative analysis in two host salmonid species. <i>Aquaculture</i> , 2016, 451, 99-105.	3.5	14
28	Influence of Development and Dietary Phospholipid Content and Composition on Intestinal Transcriptome of Atlantic Salmon (<i>Salmo salar</i>). <i>PLoS ONE</i> , 2015, 10, e0140964.	2.5	34
29	High-throughput transcriptome analysis of ISAV-infected Atlantic salmon <i>Salmo salar</i> unravels divergent immune responses associated to head-kidney, liver and gills tissues. <i>Fish and Shellfish Immunology</i> , 2015, 45, 367-377.	3.6	73
30	Fish can show emotional fever: stress-induced hyperthermia in zebrafish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152266.	2.6	51
31	Investigating the underlying mechanisms of temperature-related skin diseases in Atlantic salmon, <i>Salmo salar</i> L., as measured by quantitative histology, skin transcriptomics and composition. <i>Journal of Fish Diseases</i> , 2015, 38, 977-992.	1.9	29
32	Transcriptome Profiles Associated to VHSV Infection or DNA Vaccination in Turbot (<i>Scophthalmus</i>)	2.5	31
33	The Involvement of Cholesterol in Sepsis and Tolerance to Lipopolysaccharide Highlighted by the Transcriptome Analysis of Zebrafish (<i>Danio rerio</i>). <i>Zebrafish</i> , 2014, 11, 421-433.	1.1	20
34	Lipopolysaccharides isolated from <i>Aeromonas salmonicida</i> and <i>Vibrio anguillarum</i> show quantitative but not qualitative differences in inflammatory outcome in <i>Sparus aurata</i> (Gilthead seabream). <i>Fish and Shellfish Immunology</i> , 2014, 39, 475-482.	3.6	18
35	Use of an immune-specific microarray for identifying transcriptome profiles associated to the infection of VHSV or to the protection mechanisms induced by a DNA vaccine encoding the G glycoprotein in turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2013, 34, 1671.	3.6	0
36	Effects of Chronic Cortisol Administration on Global Expression of GR and the Liver Transcriptome in <i>Sparus aurata</i> . <i>Marine Biotechnology</i> , 2013, 15, 104-114.	2.4	34

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37	Combining animal personalities with transcriptomics resolves individual variation within a wild-type zebrafish population and identifies underpinning molecular differences in brain function. <i>Molecular Ecology</i> , 2013, 22, 6100-6115.	3.9	66
38	Behavioural fever is a synergic signal amplifying the innate immune response. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131381.	2.6	104
39	Developments in genomics relevant to disease control in aquaculture. , 2012, , 331-352.		0
40	PAMPs, PRRs and the genomics of gram negative bacterial recognition in fish. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1195-1203.	2.3	93
41	Gene expression and TNF-alpha secretion profile in rainbow trout macrophages following exposures to copper and bacterial lipopolysaccharide. <i>Fish and Shellfish Immunology</i> , 2011, 30, 340-346.	3.6	68
42	Divergent responses to peptidoglycans derived from different E. coli serotypes influence inflammatory outcome in trout, <i>Oncorhynchus mykiss</i> , macrophages. <i>BMC Genomics</i> , 2011, 12, 34.	2.8	18
43	RNA-Seq Reveals an Integrated Immune Response in Nucleated Erythrocytes. <i>PLoS ONE</i> , 2011, 6, e26998.	2.5	130
44	Testing the abundant-centre hypothesis using intertidal porcelain crabs along the Chilean coast: linking abundance and life-history variation. <i>Journal of Biogeography</i> , 2010, 37, 486-498.	3.0	54
45	Peptidoglycan, not endotoxin, is the key mediator of cytokine gene expression induced in rainbow trout macrophages by crude LPS. <i>Molecular Immunology</i> , 2010, 47, 1450-1457.	2.2	91
46	Characterization and expression of NADPH oxidase in LPS-, poly(I:C)- and zymosan-stimulated trout (<i>Oncorhynchus mykiss</i> W.) macrophages. <i>Fish and Shellfish Immunology</i> , 2009, 26, 651-661.	3.6	22
47	Geographic distribution and description of four pelagic barnacles along the south east Pacific coast of Chile - a zoogeographical approximation. <i>Revista Chilena De Historia Natural</i> , 2006, 79, 13.	1.2	41
48	PRESENCE OF SPOROPHYLLS IN FLOATING KELP RAFTS OF MACROCYSTIS SPP. (PHAEOPHYCEAE) ALONG THE CHILEAN PACIFIC COAST1.. <i>Journal of Phycology</i> , 2005, 41, 913-922.	2.3	107
49	Associations between two species of snapping shrimp, <i>Alpheus inca</i> and <i>Alpheopsis chilensis</i> (Decapoda: Caridea: Alpheidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 633-638.	0.8	31
50	Metabolomic Profiling Reveals Changes in Amino Acid and Energy Metabolism Pathways in Liver, Intestine and Brain of Zebrafish Exposed to Different Thermal Conditions. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	2