Sebastian Boltana

List of Publications by Year
in descending order

50	1,598	304743	315739
papers	citations	22 h-index	38 g-index

52	52	52	2100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Fish Stock Density on Hormone Genes Expression from Brain and Gastrointestinal Tract of Salmo salar. Animals, 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. Frontiers in Immunology, 2021, 12, 666356.	4.8	8
3	Behavioural Fever Promotes an Inflammatory Reflex Circuit in Ectotherms. International Journal of Molecular Sciences, 2021, 22, 8860.	4.1	6
4	Viral Infection Drives the Regulation of Feeding Behavior Related Genes in Salmo salar. International Journal of Molecular Sciences, 2021, 22, 11391.	4.1	2
5	Linking stress coping styles with brain mRNA abundance of selected transcripts for Senegalese sole (Solea senegalensis) juveniles. Physiology and Behavior, 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 Salmo salar. Fish and Shellfish Immunology, 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 (Oncorhynchus mykiss). Physiological Genomics, 2019, 51, 596-606.	2.3	15
9	Characterization of the European Sea Bass (Dicentrarchus labrax) Gonadal Transcriptome During Sexual Development. Marine Biotechnology, 2019, 21, 359-373.	2.4	28
10	Membrane-initiated cortisol action modulates early pyruvate dehydrogenase kinase 2 (pdk2) expression in fish skeletal muscle. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 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 (Sparus aurata). Frontiers in Endocrinology, 2019, 10, 779.	3.5	15
12	The expression of TRPV channels, prostaglandin E2 and pro-inflammatory cytokines during behavioural fever in fish. Brain, Behavior, and Immunity, 2018, 71, 169-181.	4.1	45
13	Thermal Modulation of Monoamine Levels Influence Fish Stress and Welfare. Frontiers in Endocrinology, 2018, 9, 717.	3.5	5
14	Behavioral Fever Drives Epigenetic Modulation of the Immune Response in Fish. Frontiers in Immunology, 2018, 9, 1241.	4.8	20
15	Iron Overload Is Associated With Oxidative Stress and Nutritional Immunity During Viral Infection in Fish. Frontiers in Immunology, 2018, 9, 1296.	4.8	34
16	Uncovering iron regulation with speciesâ€specific transcriptome patterns in Atlantic and coho salmon during a Caligus rogercresseyi infestation. Journal of Fish Diseases, 2017, 40, 1169-1184.	1.9	29
17	The Caligus rogercresseyi miRNome: Discovery and transcriptome profiling during the sea lice ontogeny. Agri Gene, 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 () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2017, 24, 111-117.	1.0	6

#	Article	IF	Citations
19	Influences of thermal environment on fish growth. Ecology and Evolution, 2017, 7, 6814-6825.	1.9	69
20	Behavioural fever in zebrafish larvae. Developmental and Comparative Immunology, 2017, 67, 287-292.	2.3	17
21	Extending Immunological Profiling in the Gilthead Sea Bream, Sparus aurata, by Enriched cDNA Library Analysis, Microarray Design and Initial Studies upon the Inflammatory Response to PAMPs. International Journal of Molecular Sciences, 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 Caligus rogercresseyi. International Journal of Molecular Sciences, 2016, 17, 304.	4.1	4
23	Pesticides Drive Stochastic Changes in the Chemoreception and Neurotransmission System of Marine Ectoparasites. International Journal of Molecular Sciences, 2016, 17, 700.	4.1	8
24	Long noncoding RNAs (lncRNAs) dynamics evidence immunomodulation during ISAV-Infected Atlantic salmon (Salmo salar). Scientific Reports, 2016, 6, 22698.	3.3	55
25	Comparative immunity of Salmo salar and Oncorhynchus kisutch during infestation with the sea louse Caligus rogercresseyi : An enrichment transcriptome analysis. Fish and Shellfish Immunology, 2016, 59, 276-287.	3.6	45
26	Density-dependent effects of Caligus rogercresseyi infestation on the immune responses of Salmo salar. Fish and Shellfish Immunology, 2016, 59, 365-374.	3.6	9
27	In-feed additives modulate ionotropic receptor genes from the sea louse Caligus rogercresseyi: A comparative analysis in two host salmonid species. Aquaculture, 2016, 451, 99-105.	3.5	14
28	Influence of Development and Dietary Phospholipid Content and Composition on Intestinal Transcriptome of Atlantic Salmon (Salmo salar). PLoS ONE, 2015, 10, e0140964.	2.5	34
29	High-throughput transcriptome analysis of ISAV-infected Atlantic salmon Salmo salar unravels divergent immune responses associated to head-kidney, liver and gills tissues. Fish and Shellfish Immunology, 2015, 45, 367-377.	3.6	73
30	Fish can show emotional fever: stress-induced hyperthermia in zebrafish. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152266.	2.6	51
31	Investigating the underlying mechanisms of temperatureâ€related skin diseases in <scp>A</scp>tlantic salmon, <scp>S</scp>almo salar <scp>L</scp>., as measured by quantitative histology, skin transcriptomics and composition. Journal of Fish Diseases, 2015, 38, 977-992.	1.9	29
32	Transcriptome Profiles Associated to VHSV Infection or DNA Vaccination in Turbot (Scophthalmus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	31
33	The Involvement of Cholesterol in Sepsis and Tolerance to Lipopolysaccharide Highlighted by the Transcriptome Analysis of Zebrafish (Danio rerio). Zebrafish, 2014, 11, 421-433.	1.1	20
34	Lipopolysaccharides isolated from Aeromonas salmonicida and Vibrio anguillarum show quantitative but not qualitative differences in inflammatory outcome in Sparus aurata (Gilthead seabream). Fish and Shellfish Immunology, 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 (Scophthalmus maximus). Fish and Shellfish Immunology, 2013, 34, 1671.	3.6	0
36	Effects of Chronic Cortisol Administration on Global Expression of GR and the Liver Transcriptome in Sparus aurata. Marine Biotechnology, 2013, 15, 104-114.	2.4	34

#	Article	IF	Citations
37	Combining animal personalities with transcriptomics resolves individual variation within a wildâ€type zebrafish population and identifies underpinning molecular differences in brain function. Molecular Ecology, 2013, 22, 6100-6115.	3.9	66
38	Behavioural fever is a synergic signal amplifying the innate immune response. Proceedings of the Royal Society B: Biological Sciences, 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. Developmental and Comparative Immunology, 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. Fish and Shellfish Immunology, 2011, 30, 340-346.	3.6	68
42	Divergent responses to peptidoglycans derived from different E. coli serotypes influence inflammatory outcome in trout, Oncorhynchus mykiss, macrophages. BMC Genomics, 2011, 12, 34.	2.8	18
43	RNA-Seq Reveals an Integrated Immune Response in Nucleated Erythrocytes. PLoS ONE, 2011, 6, e26998.	2.5	130
44	Testing the abundantâ€centre hypothesis using intertidal porcelain crabs along the Chilean coast: linking abundance and lifeâ€history variation. Journal of Biogeography, 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 LPSâ˜†. Molecular Immunology, 2010, 47, 1450-1457.	2.2	91
46	Characterization and expression of NADPH oxidase in LPS-, poly(I:C)- and zymosan-stimulated trout (Oncorhynchus mykiss W.) macrophages. Fish and Shellfish Immunology, 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. Revista Chilena De Historia Natural, 2006, 79, 13.	1.2	41
48	PRESENCE OF SPOROPHYLLS IN FLOATING KELP RAFTS OF MACROCYSTIS SPP. (PHAEOPHYCEAE) ALONG THE CHILEAN PACIFIC COAST1.. Journal of Phycology, 2005, 41, 913-922.	2.3	107
49	Associations between two species of snapping shrimp, Alpheus inca and Alpheopsis chilensis (Decapoda: Caridea: Alpheidae). Journal of the Marine Biological Association of the United Kingdom, 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. Frontiers in Marine Science, 0, 9, .	2.5	2