

Maria M Costa

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,818
citations

257101

24
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

1662
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Characterization of a Nonmammalian IL-21: Rainbow Trout <i>Oncorhynchus mykiss</i> IL-21 Upregulates the Expression of the Th Cell Signature Cytokines IFN- β , IL-10, and IL-22. <i>Journal of Immunology</i> , 2011, 186, 708-721.	0.4	163
2	Bioactivity studies of rainbow trout (<i>Oncorhynchus mykiss</i>) interleukin-6: Effects on macrophage growth and antimicrobial peptide gene expression. <i>Molecular Immunology</i> , 2011, 48, 1903-1916.	1.0	152
3	Functional and molecular immune response of Mediterranean mussel (<i>Mytilus galloprovincialis</i>) haemocytes against pathogen-associated molecular patterns and bacteria. <i>Fish and Shellfish Immunology</i> , 2009, 26, 515-523.	1.6	127
4	First in-depth analysis of the novel Th2-type cytokines in salmonid fish reveals distinct patterns of expression and modulation but overlapping bioactivities. <i>Oncotarget</i> , 2016, 7, 10917-10946.	0.8	104
5	Individual sequence variability and functional activities of fibrinogen-related proteins (FREPs) in the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) suggest ancient and complex immune recognition models in invertebrates. <i>Developmental and Comparative Immunology</i> , 2011, 35, 334-344.	1.0	94
6	Turbot TNF α gene: Molecular characterization and biological activity of the recombinant protein. <i>Molecular Immunology</i> , 2007, 44, 389-400.	1.0	85
7	High sequence variability of myticin transcripts in hemocytes of immune-stimulated mussels suggests ancient host-pathogen interactions. <i>Developmental and Comparative Immunology</i> , 2008, 32, 213-226.	1.0	83
8	Analysis of differentially expressed genes in response to bacterial stimulation in hemocytes of the carpet-shell clam <i>Ruditapes decussatus</i> : Identification of new antimicrobial peptides. <i>Gene</i> , 2007, 406, 134-143.	1.0	78
9	Two copies of the genes encoding the subunits of putative interleukin (IL)-4/IL-13 receptors, IL-4R α 1 and IL-13R α 2, have been identified in rainbow trout (<i>Oncorhynchus mykiss</i>) and have complex patterns of expression and modulation. <i>Immunogenetics</i> , 2011, 63, 235-253.	1.2	73
10	Identification of IL-34 in teleost fish: Differential expression of rainbow trout IL-34, MCSF1 and MCSF2, ligands of the MCSF receptor. <i>Molecular Immunology</i> , 2013, 53, 398-409.	1.0	71
11	Antiviral Activity of Myticin C Peptide from Mussel: an Ancient Defense against Herpesviruses. <i>Journal of Virology</i> , 2016, 90, 7692-7702.	1.5	63
12	Occurrence, seasonality and infectivity of <i>Vibrio</i> strains in natural populations of mussels <i>Mytilus galloprovincialis</i> . <i>Diseases of Aquatic Organisms</i> , 2014, 108, 149-163.	0.5	59
13	Evidence of high individual diversity on myticin C in mussel (<i>Mytilus galloprovincialis</i>). <i>Developmental and Comparative Immunology</i> , 2009, 33, 162-170.	1.0	55
14	Influence of β -glucans on the immune responses of carpet shell clam (<i>Ruditapes decussatus</i>) and Mediterranean mussel (<i>Mytilus galloprovincialis</i>). <i>Fish and Shellfish Immunology</i> , 2008, 24, 498-505.	1.6	52
15	Sequencing of a second interleukin-10 gene in rainbow trout <i>Oncorhynchus mykiss</i> and comparative investigation of the expression and modulation of the paralogues <i>in vitro</i> and <i>in vivo</i> . <i>Fish and Shellfish Immunology</i> , 2011, 31, 107-117.	1.6	51
16	Interferon-Induced Genes of the Expanded IFIT Family Show Conserved Antiviral Activities in Non-Mammalian Species. <i>PLoS ONE</i> , 2014, 9, e100015.	1.1	48
17	Molecular cloning and expression analysis of interferon regulatory factor-1 (IRF-1) of turbot and sea bream. <i>Molecular Immunology</i> , 2006, 43, 882-890.	1.0	46
18	The gamma-chain cytokine/receptor system in fish: More ligands and receptors. <i>Fish and Shellfish Immunology</i> , 2011, 31, 673-687.	1.6	45

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19	Transforming growth factor- β 1b: A second TGF- β 1 paralogue in the rainbow trout (<i>Oncorhynchus mykiss</i>) and Shellfish Immunology, 2013, 34, 420-432.	1.6	43
20	IL-22 is a key player in the regulation of inflammation in fish and involves innate immune cells and PI3K signaling. Developmental and Comparative Immunology, 2013, 41, 746-755.	1.0	42
21	Characterization and gene expression analysis of the two main Th17 cytokines (IL-17A/F and IL-22) in turbot, <i>Scophthalmus maximus</i> . Developmental and Comparative Immunology, 2012, 38, 505-516.	1.0	34
22	Turbot (<i>Scophthalmus maximus</i>) Nk-lysin induces protection against the pathogenic parasite <i>Philasterides dicentrarchi</i> via membrane disruption. Fish and Shellfish Immunology, 2018, 82, 190-199.	1.6	34
23	The first characterization of two type I interferons in turbot (<i>Scophthalmus maximus</i>) reveals their differential role, expression pattern and gene induction. Developmental and Comparative Immunology, 2014, 45, 233-244.	1.0	33
24	Alcanivorax strain detected among the cultured bacterial community from sediments affected by the "Prestige" oil spill. Marine Ecology - Progress Series, 2008, 362, 25-36.	0.9	32
25	β -glucan administration induces metabolic changes and differential survival rates after bacterial or viral infection in turbot (<i>Scophthalmus maximus</i>). Fish and Shellfish Immunology, 2018, 82, 173-182.	1.6	25
26	Cloning and expression analysis of two ROR- γ homologues (ROR- γ 1 and ROR- γ 2) in rainbow trout <i>Oncorhynchus mykiss</i> . Fish and Shellfish Immunology, 2012, 33, 365-374.	1.6	24
27	Transcriptional mechanisms underlying life-history responses to climate change in the three-spined stickleback. Evolutionary Applications, 2017, 10, 718-730.	1.5	24
28	Evaluation of reference genes of <i>Mytilus galloprovincialis</i> and <i>Ruditapes philippinarum</i> infected with three bacteria strains for gene expression analysis. Aquatic Living Resources, 2014, 27, 147-152.	0.5	20
29	The Involvement of Cholesterol in Sepsis and Tolerance to Lipopolysaccharide Highlighted by the Transcriptome Analysis of Zebrafish (<i>Danio rerio</i>). Zebrafish, 2014, 11, 421-433.	0.5	20
30	Molecular characterization and expression analysis of the putative interleukin 6 receptor (IL-6R α) N-terminal Ig domain with variable numbers of two repeats. Immunogenetics, 2012, 64, 229-244.	1.2	14
31	Sex-specific phenotypes and metabolism-related gene expression in juvenile sticklebacks. Behavioral Ecology, 2017, 28, 1553-1563.	1.0	14
32	Abnormal mortalities of the carpet shell clam <i>Ruditapes decussatus</i> (Linnaeus 1756) in natural bed populations: a practical approach. Aquaculture Research, 2014, 45, 1303-1310.	0.9	10