

Sonia Dios

List of Publications by Year in descending order

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44
papers

2,499
citations

186265

28
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

3298
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin pigmentation, biogeographical ancestry and admixture mapping. <i>Human Genetics</i> , 2003, 112, 387-399.	3.8	458
2	Admixture in the Hispanics of the San Luis Valley, Colorado, and its implications for complex trait gene mapping. <i>Annals of Human Genetics</i> , 2004, 68, 139-153.	0.8	136
3	The 8818G allele of the agouti signaling protein (ASIP) gene is ancestral and is associated with darker skin color in African Americans. <i>Human Genetics</i> , 2005, 116, 402-406.	3.8	126
4	Nodavirus increases the expression of Mx and inflammatory cytokines in fish brain. <i>Molecular Immunology</i> , 2008, 45, 218-225.	2.2	113
5	New Insights into the Apoptotic Process in Mollusks: Characterization of Caspase Genes in <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2011, 6, e17003.	2.5	107
6	High-Throughput Sequence Analysis of Turbot (<i>Scophthalmus maximus</i>) Transcriptome Using 454-Pyrosequencing for the Discovery of Antiviral Immune Genes. <i>PLoS ONE</i> , 2012, 7, e35369.	2.5	100
7	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.	2.3	94
8	<i>Mytilus galloprovincialis</i> Myticin C: A Chemotactic Molecule with Antiviral Activity and Immunoregulatory Properties. <i>PLoS ONE</i> , 2011, 6, e23140.	2.5	86
9	Melting Curve Analysis of SNPs (McSNP [®]): A Gel-Free and Inexpensive Approach for SNP Genotyping. <i>BioTechniques</i> , 2001, 30, 358-367.	1.8	75
10	Characterisation, expression and ontogeny of interleukin-6 and its receptors in zebrafish (<i>Danio rerio</i>). <i>Developmental and Comparative Immunology</i> , 2010, 34, 107-115.	2.3	69
11	Zebrafish Nk-lysins: First insights about their cellular and functional diversification. <i>Developmental and Comparative Immunology</i> , 2015, 51, 148-159.	2.3	69
12	Antiviral Activity of Myticin C Peptide from Mussel: an Ancient Defense against Herpesviruses. <i>Journal of Virology</i> , 2016, 90, 7692-7702.	3.4	63
13	Nodavirus Infection of Sea Bass (<i>Dicentrarchus labrax</i>) Induces Up-Regulation of Galectin-1 Expression with Potential Anti-Inflammatory Activity. <i>Journal of Immunology</i> , 2009, 183, 6600-6611.	0.8	62
14	Suppression subtraction hybridization (SSH) and microarray techniques reveal differential gene expression profiles in brain of sea bream infected with nodavirus. <i>Molecular Immunology</i> , 2007, 44, 2195-2204.	2.2	59
15	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.	1.0	59
16	Cellular Visualization of Macrophage Pyroptosis and Interleukin-1 β Release in a Viral Hemorrhagic Infection in Zebrafish Larvae. <i>Journal of Virology</i> , 2014, 88, 12026-12040.	3.4	57
17	Evidence of high individual diversity on myticin C in mussel (<i>Mytilus galloprovincialis</i>). <i>Developmental and Comparative Immunology</i> , 2009, 33, 162-170.	2.3	55
18	The Evolution and Appearance of C3 Duplications in Fish Originate an Exclusive Teleost c3 Gene Form with Anti-Inflammatory Activity. <i>PLoS ONE</i> , 2014, 9, e99673.	2.5	54

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19	Gene expression analysis of clams <i>Ruditapes philippinarum</i> and <i>Ruditapes decussatus</i> following bacterial infection yields molecular insights into pathogen resistance and immunity. <i>Developmental and Comparative Immunology</i> , 2012, 36, 140-149.	2.3	51
20	Interferon-Induced Genes of the Expanded IFIT Family Show Conserved Antiviral Activities in Non-Mammalian Species. <i>PLoS ONE</i> , 2014, 9, e100015.	2.5	48
21	Identification of six novel CC chemokines in gilthead seabream (<i>Sparus aurata</i>) implicated in the antiviral immune response. <i>Molecular Immunology</i> , 2010, 47, 1235-1243.	2.2	44
22	Effect of the temperature during antiviral immune response ontogeny in teleosts. <i>Fish and Shellfish Immunology</i> , 2010, 29, 1019-1027.	3.6	43
23	IL-22 is a key player in the regulation of inflammation in fish and involves innate immune cells and PI3K signaling. <i>Developmental and Comparative Immunology</i> , 2013, 41, 746-755.	2.3	42
24	Immunological responses of turbot (<i>Psetta maxima</i>) to nodavirus infection or polyriboinosinic polyribocytidylic acid (pIC) stimulation, using expressed sequence tags (ESTs) analysis and cDNA microarrays. <i>Fish and Shellfish Immunology</i> , 2009, 26, 91-108.	3.6	41
25	Relation of type 2 diabetes to individual admixture and candidate gene polymorphisms in the Hispanic American population of San Luis Valley, Colorado. <i>Journal of Medical Genetics</i> , 2004, 41, e116-e116.	3.2	40
26	Morphological characterization and functional immune response of the carpet shell clam (<i>Ruditapes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	35
27	The first characterization of two type I interferons in turbot (<i>Scophthalmus maximus</i>) reveals their differential role, expression pattern and gene induction. <i>Developmental and Comparative Immunology</i> , 2014, 45, 233-244.	2.3	33
28	Transcriptome Profiles Associated to VHSV Infection or DNA Vaccination in Turbot (<i>Scophthalmus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	31
29	Interferon-independent antiviral activity of 25-hydroxycholesterol in a teleost fish. <i>Antiviral Research</i> , 2017, 145, 146-159.	4.1	31
30	The warm temperature acclimation protein (Wap65) has an important role in the inflammatory response of turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2014, 41, 80-92.	3.6	29
31	Molecular characterisation of a turbot Mx cDNA. <i>Fish and Shellfish Immunology</i> , 2005, 19, 185-190.	3.6	27
32	Use of Poly(I:C) Stabilized with Chitosan As a Vaccine-Adjuvant Against <i>Viral Hemorrhagic Septicemia Virus</i> Infection in Zebrafish. <i>Zebrafish</i> , 2015, 12, 421-431.	1.1	26
33	Microarray-Based Identification of Differentially Expressed Genes in Families of Turbot (<i>Scophthalmus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2012, 14, 515-529.	2.4	24
34	Rag1 immunodeficiency-induced early aging and senescence in zebrafish are dependent on chronic inflammation and oxidative stress. <i>Aging Cell</i> , 2019, 18, e13020.	6.7	23
35	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
36	Protection and antibody response induced by intramuscular DNA vaccine encoding for viral haemorrhagic septicaemia virus (VHSV) G glycoprotein in turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2012, 32, 1088-1094.	3.6	19

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37	Proinflammatory Caspase A Activation and an Antiviral State Are Induced by a Zebrafish Perforin after Possible Cellular and Functional Diversification from a Myeloid Ancestor. <i>Journal of Innate Immunity</i> , 2016, 8, 43-56.	3.8	19
38	Genomic Resources for Immunology and Disease of Salmonid and Non-Salmonid Fish. <i>Reviews in Fisheries Science</i> , 2008, 16, 119-132.	2.1	10
39	Interaction of the attenuated recombinant rIHNV-Gvhsv GFP virus with macrophages from rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 119-129.	1.2	10
40	Population database of STRs in west Africa: a genetic study of TPOX, HUMVWA31/A, HUMTH01, and CYP19. <i>Genetica</i> , 1998, 104, 77-83.	1.1	6
41	Sub-Saharan Genetic Contribution in Morocco: Microsatellite DNA Analysis. <i>Human Biology</i> , 2001, 73, 675-688.	0.2	5
42	New STR at the D5S373 locus and its relevance in human population studies. <i>American Journal of Human Biology</i> , 2002, 14, 347-350.	1.6	0
43	Molecular Phenotyping of a Trinucleotide Repeat (D5S373) Experimental Conditions. <i>Journal of Forensic Sciences</i> , 2003, 48, 1-4.	1.6	0
44	Population Genetics of Two Tetranucleotide Repeats (UGB and D3S1349): A Preliminary Study in Galicia, Spain. <i>Journal of Forensic Sciences</i> , 1999, 44, 843-845.	1.6	0