

Susana Magadan

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,540
citations

331670

21
h-index

315739

38
g-index

46
all docs

46
docs citations

46
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Methods for Blood Cell Cytotoxic Responses to Inorganic Nanoparticles and Nanoparticle Aggregates. <i>Small</i> , 2008, 4, 2025-2034.	10.0	166
2	The Past, Present, and Future of Immune Repertoire Biology – The Rise of Next-Generation Repertoire Analysis. <i>Frontiers in Immunology</i> , 2013, 4, 413.	4.8	164
3	The Astonishing Diversity of Ig Classes and B Cell Repertoires in Teleost Fish. <i>Frontiers in Immunology</i> , 2013, 4, 28.	4.8	164
4	Novel Teleost CD4-Bearing Cell Populations Provide Insights into the Evolutionary Origins and Primordial Roles of CD4+ Lymphocytes and CD4+ Macrophages. <i>Journal of Immunology</i> , 2016, 196, 4522-4535.	0.8	109
5	Human immunology and immunotherapy: main achievements and challenges. <i>Cellular and Molecular Immunology</i> , 2021, 18, 805-828.	10.5	96
6	Presence of a unique IgT on the IGH locus in three-spined stickleback fish (<i>Gasterosteus aculeatus</i>) and the very recent generation of a repertoire of VH genes. <i>Developmental and Comparative Immunology</i> , 2010, 34, 114-122.	2.3	88
7	Omics in fish mucosal immunity. <i>Developmental and Comparative Immunology</i> , 2017, 75, 99-108.	2.3	72
8	InÂvitro and inÂvivo evaluation of lactic acid bacteria of aquatic origin as probiotics for turbot (<i>Scophthalmus maximus</i> L.) farming. <i>Fish and Shellfish Immunology</i> , 2014, 41, 570-580.	3.6	65
9	Unique Features of Fish Immune Repertoires: Particularities of Adaptive Immunity Within the Largest Group of Vertebrates. <i>Results and Problems in Cell Differentiation</i> , 2015, 57, 235-264.	0.7	52
10	Immunoglobulin heavy chains in medaka (<i>Oryzias latipes</i>). <i>BMC Evolutionary Biology</i> , 2011, 11, 165.	3.2	49
11	IgH loci of American alligator and saltwater crocodile shed light on IgA evolution. <i>Immunogenetics</i> , 2013, 65, 531-541.	2.4	42
12	A long reads-based <i>de-novo</i> assembly of the genome of the Arlee homozygous line reveals chromosomal rearrangements in rainbow trout. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	40
13	The immunoglobulin heavy chain locus in the platypus (<i>Ornithorhynchus anatinus</i>). <i>Molecular Immunology</i> , 2009, 46, 2515-2523.	2.2	38
14	Natural killer (NK) cell-based immunotherapies and the many faces of NK cell memory: A look into how nanoparticles enhance NK cell activity. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113860.	13.7	31
15	Snakes antibodies. <i>Developmental and Comparative Immunology</i> , 2012, 38, 1-9.	2.3	30
16	Immunoglobulin genes of the turtles. <i>Immunogenetics</i> , 2013, 65, 227-237.	2.4	28
17	The immunoglobulin heavy chain locus in the reptile <i>Anolis carolinensis</i> . <i>Molecular Immunology</i> , 2009, 46, 1679-1687.	2.2	27
18	Nasal Vaccination Drives Modifications of Nasal and Systemic Antibody Repertoires in Rainbow Trout. <i>Journal of Immunology</i> , 2019, 203, 1480-1492.	0.8	27

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19	Molecular characterization of B-cell epitopes for the major fish allergen, parvalbumin, by shotgun proteomics, protein-based bioinformatics and IgE-reactive approaches. <i>Journal of Proteomics</i> , 2019, 200, 123-133.	2.4	26
20	Different impact of heat-inactivated and viable lactic acid bacteria of aquatic origin on turbot (<i>Scophthalmus maximus</i> L.) head-kidney leucocytes. <i>Fish and Shellfish Immunology</i> , 2015, 44, 214-223.	3.6	25
21	Standardized IMCTA® Nomenclature of Salmonidae IGH Genes, the Paradigm of Atlantic Salmon and Rainbow Trout: From Genomics to Repertoires. <i>Frontiers in Immunology</i> , 2019, 10, 2541.	4.8	25
22	Production of Antigen-Specific Human Monoclonal Antibodies: Comparison of Mice Carrying IgH/Î ^g or IgH/Î ^g /Î ^g Transloci. <i>BioTechniques</i> , 2002, 33, 680-690.	1.8	23
23	Origin of Public Memory B Cell Clones in Fish After Antiviral Vaccination. <i>Frontiers in Immunology</i> , 2018, 9, 2115.	4.8	21
24	Feeding strategies of the copepod <i>Acartia clausi</i> on single and mixed diets of toxic and non-toxic strains of the dinoflagellate <i>Alexandrium minutum</i> . <i>Marine Ecology - Progress Series</i> , 2006, 316, 115-125.	1.9	20
25	Development and validation of a molecular tool for assessing triploidy in turbot (<i>Scophthalmus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 3.5 17		
26	Rearrangement of only one human IGHV gene is sufficient to generate a wide repertoire of antigen specific antibody responses in transgenic mice. <i>Molecular Immunology</i> , 2006, 43, 1827-1835.	2.2	15
27	Nanoparticles and trained immunity: Glimpse into the future. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113821.	13.7	10
28	Immunoglobulin light chains in medaka (<i>Oryzias latipes</i>). <i>Immunogenetics</i> , 2013, 65, 387-396.	2.4	9
29	From IgZ to IgT: A Call for a Common Nomenclature for Immunoglobulin Heavy Chain Genes of Ray-Finned Fish. <i>Zebrafish</i> , 2021, 18, 343-345.	1.1	9
30	The use of transgenic mice for the production of a human monoclonal antibody specific for human CD69 antigen. <i>Journal of Immunological Methods</i> , 2003, 282, 147-158.	1.4	8
31	Genomic analysis of a second rainbow trout line (Arlee) leads to an extended description of the IGH VDJ gene repertoire. <i>Developmental and Comparative Immunology</i> , 2021, 118, 103998.	2.3	7
32	Generation of a human IgM monoclonal antibody directed against HLA class II molecules: a potential agent in the treatment of haematological malignancies. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 351-360.	4.2	6
33	Sequential Immunization With Heterologous Viruses Does Not Result in Attrition of the B Cell Memory in Rainbow Trout. <i>Frontiers in Immunology</i> , 2019, 10, 2687.	4.8	6
34	Profiling the T Cell Receptor Alpha/Delta Locus in Salmonids. <i>Frontiers in Immunology</i> , 2021, 12, 753960.	4.8	6
35	Surface expression of trout CD4-1 and CD4-2 defines novel populations of functionally distinct CD4+ T cells in teleost fish. <i>Fish and Shellfish Immunology</i> , 2016, 53, 88.	3.6	5
36	Adaptive immune receptor repertoires, an overview of this exciting field. <i>Immunology Letters</i> , 2020, 221, 49-55.	2.5	4

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37	Clonotypic IgH Response against Systemic Viral infection in Pronephros and Spleen of a Teleost Fish. <i>Journal of Immunology</i> , 2022, 208, 2573-2582.	0.8	3
38	Production of Antigen-Specific Human Monoclonal Antibodies: Comparison of Mice Carrying IgH/Î ^g or IgH/Î ^g /Î ^l Transloci. <i>BioTechniques</i> , 2002, 33, 680-690.	1.8	2
39	Proteomics for Development of Food Allergy Vaccines. <i>Methods in Molecular Biology</i> , 2022, 2410, 673-689.	0.9	2
40	Immunoglobulin genes in medaka. No IgT and only one light chain isotype. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1664.	3.6	1
41	Comparison of clonal complexity of primary and secondary trout IGM and IGT response using deep sequencing.. <i>Fish and Shellfish Immunology</i> , 2016, 53, 85.	3.6	0