

Giuseppe Scapigliati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2265518/publications.pdf>

Version: 2024-02-01

134
papers

6,033
citations

57758

44
h-index

82547

72
g-index

138
all docs

138
docs citations

138
times ranked

5137
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The African coelacanth genome provides insights into tetrapod evolution. <i>Nature</i> , 2013, 496, 311-316. | 27.8 | 612 |
| 2 | Teleost intestinal immunology. <i>Fish and Shellfish Immunology</i> , 2011, 31, 616-626. | 3.6 | 467 |
| 3 | Short- and long-term effects of a dietary yeast β -glucan (Macrogard) and alginic acid (Ergosan) preparation on immune response in sea bass (<i>Dicentrarchus labrax</i>). <i>Fish and Shellfish Immunology</i> , 2005, 18, 311-325. | 3.6 | 242 |
| 4 | Phylogeny and ontogeny of fish leucocytes. <i>Fish and Shellfish Immunology</i> , 2005, 19, 441-455. | 3.6 | 195 |
| 5 | Functional characterisation of the recombinant tumor necrosis factors in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Developmental and Comparative Immunology</i> , 2003, 27, 813-822. | 2.3 | 185 |
| 6 | Early treatment with <i>Lactobacillus delbrueckii</i> strain induces an increase in intestinal T-cells and granulocytes and modulates immune-related genes of larval <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 2009, 26, 368-376. | 3.6 | 180 |
| 7 | The production and bioactivity of rainbow trout (<i>Oncorhynchus mykiss</i>) recombinant IL-1 β . <i>Veterinary Immunology and Immunopathology</i> , 2001, 81, 1-14. | 1.2 | 172 |
| 8 | Phylogeny of cytokines: molecular cloning and expression analysis of sea bass <i>Dicentrarchus labrax</i> interleukin-1 β . <i>Fish and Shellfish Immunology</i> , 2001, 11, 711-726. | 3.6 | 140 |
| 9 | Microbiology and immunology of fish larvae. <i>Reviews in Aquaculture</i> , 2013, 5, S1. | 9.0 | 122 |
| 10 | Cell markers and determinants in fish immunology. <i>Fish and Shellfish Immunology</i> , 2008, 25, 326-340. | 3.6 | 96 |
| 11 | Immunohistochemistry of gut-associated lymphoid tissue of the sea bass <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 1997, 7, 235-245. | 3.6 | 81 |
| 12 | Molecular cloning and expression analysis of tumour necrosis factor- α in amoebic gill disease (AGD)-affected Atlantic salmon (<i>Salmo salar</i> L.). <i>Fish and Shellfish Immunology</i> , 2007, 23, 1015-1031. | 3.6 | 81 |
| 13 | Interleukin-18, From Neuroinflammation to Alzheimers Disease. <i>Current Pharmaceutical Design</i> , 2010, 16, 4213-4224. | 1.9 | 80 |
| 14 | Recombinant TNF α as oral vaccine adjuvant protects European sea bass against vibriosis: Insights into the role of the CCL25/CCR9 axis. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1260-1271. | 3.6 | 80 |
| 15 | Monoclonal antibodies against sea bass <i>Dicentrarchus labrax</i> (L.) immunoglobulins: immunolocalisation of immunoglobulin-bearing cells and applicability in immunoassays. <i>Fish and Shellfish Immunology</i> , 1996, 6, 383-401. | 3.6 | 79 |
| 16 | Cellular and molecular immune responses of the sea bass (<i>Dicentrarchus labrax</i>) experimentally infected with betanodavirus. <i>Fish and Shellfish Immunology</i> , 2010, 28, 303-311. | 3.6 | 77 |
| 17 | Production and characterisation of a monoclonal antibody against the thymocytes of the sea bass <i>Dicentrarchus labrax</i> (L.) (<i>Teleostea</i> , <i>Percichthyidae</i>). <i>Fish and Shellfish Immunology</i> , 1995, 5, 393-405. | 3.6 | 74 |
| 18 | Immunocytochemical detection of thymocyte antigenic determinants in developing lymphoid organs of sea bass <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 1996, 6, 493-505. | 3.6 | 74 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Fish Lymphocytes: An Evolutionary Equivalent of Mammalian Innate-Like Lymphocytes?. <i>Frontiers in Immunology</i> , 2018, 9, 971. | 4.8 | 73 |
| 20 | Characterization of Sex Determination and Sex Differentiation Genes in <i>Latimeria</i> . <i>PLoS ONE</i> , 2013, 8, e56006. | 2.5 | 71 |
| 21 | Expression of lymphocyte antigenic determinants in developing gut-associated lymphoid tissue of the sea bass <i>Dicentrarchus labrax</i> (L.). <i>Anatomy and Embryology</i> , 1997, 196, 457-463. | 1.5 | 69 |
| 22 | Differential binding of IL-1 α and IL-1 β to receptors on B and T cells. <i>FEBS Letters</i> , 1989, 243, 394-398. | 2.8 | 68 |
| 23 | Monoclonal antibodies in fish immunology: identification, ontogeny and activity of T- and B-lymphocytes. <i>Aquaculture</i> , 1999, 172, 3-28. | 3.5 | 64 |
| 24 | Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (<i>Dicentrarchus labrax</i>). <i>Environmental Pollution</i> , 2015, 196, 185-193. | 7.5 | 62 |
| 25 | Immunopurification of T-cells from sea bass <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 2000, 10, 329-341. | 3.6 | 61 |
| 26 | T cell transcripts and T cell activities in the gills of the teleost fish sea bass (<i>Dicentrarchus labrax</i>). <i>Developmental and Comparative Immunology</i> , 2014, 47, 309-318. | 2.3 | 58 |
| 27 | The CD8 α from sea bass (<i>Dicentrarchus labrax</i> L.): Cloning, expression and 3D modelling. <i>Fish and Shellfish Immunology</i> , 2006, 20, 637-646. | 3.6 | 57 |
| 28 | A CD4 homologue in sea bass (<i>Dicentrarchus labrax</i>): Molecular characterization and structural analysis. <i>Molecular Immunology</i> , 2008, 45, 3168-3177. | 2.2 | 57 |
| 29 | A tetrapod-like repertoire of innate immune receptors and effectors for coelacanths. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2014, 322, 415-437. | 1.3 | 57 |
| 30 | Biological Activity of Sea Bass (<i>Dicentrarchus labrax</i> L.) Recombinant Interleukin-1 β . <i>Marine Biotechnology</i> , 2005, 7, 609-617. | 2.4 | 56 |
| 31 | Immunocytochemical detection and cytomorphology of lymphocyte subpopulations in a teleost fish <i>Dicentrarchus labrax</i> . <i>Cell and Tissue Research</i> , 1997, 289, 163-171. | 2.9 | 55 |
| 32 | Immunoglobulin protein and gene transcripts in ovarian follicles throughout oogenesis in the teleost <i>Dicentrarchus labrax</i> . <i>Cell and Tissue Research</i> , 2004, 315, 259-270. | 2.9 | 51 |
| 33 | Molecular cloning, differential expression and 3D structural analysis of the MHC class-II β chain from sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , 2007, 23, 853-866. | 3.6 | 51 |
| 34 | Intestinal T cells of <i>Dicentrarchus labrax</i> (L.): Gene expression and functional studies. <i>Fish and Shellfish Immunology</i> , 2011, 30, 609-617. | 3.6 | 51 |
| 35 | Functional aspects of fish lymphocytes. <i>Developmental and Comparative Immunology</i> , 2013, 41, 200-208. | 2.3 | 51 |
| 36 | The immune system of sea bass, <i>Dicentrarchus labrax</i> , reared in aquaculture. <i>Developmental and Comparative Immunology</i> , 2002, 26, 151-160. | 2.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Compartmentalisation of T cells expressing CD8 α and TCR β in developing thymus of sea bass <i>Dicentrarchus labrax</i> (L.). <i>Developmental and Comparative Immunology</i> , 2008, 32, 92-99. | 2.3 | 49 |
| 38 | In vitro generated mast cells express natural cytotoxicity against tumour cells. <i>Immunology</i> , 1985, 55, 317-24. | 4.4 | 49 |
| 39 | Sex-related variations of serum immunoglobulins during reproduction in gilthead sea bream and evidence for a transfer from the female to the eggs. <i>Journal of Fish Biology</i> , 2001, 59, 1503-1511. | 1.6 | 48 |
| 40 | Molecular characterisation and structural analysis of an interferon homologue in sea bass (<i>Dicentrarchus labrax</i> L.). <i>Molecular Immunology</i> , 2009, 46, 943-952. | 2.2 | 47 |
| 41 | Biological Activity of Cytokines: An Evolutionary Perspective. <i>Current Pharmaceutical Design</i> , 2006, 12, 3071-3081. | 1.9 | 46 |
| 42 | Transcription of T cell-related genes in teleost fish, and the European sea bass (<i>Dicentrarchus labrax</i>) as a model. <i>Fish and Shellfish Immunology</i> , 2011, 31, 655-662. | 3.6 | 46 |
| 43 | Modelling of fish interleukin-1 and its receptor. <i>Developmental and Comparative Immunology</i> , 2004, 28, 429-441. | 2.3 | 45 |
| 44 | Molecular characterization, gene structure and antibacterial activity of a g-type lysozyme from the European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Molecular Immunology</i> , 2014, 62, 10-18. | 2.2 | 45 |
| 45 | Immunoglobulin levels in the teleost sea bass <i>Dicentrarchus labrax</i> (L.) in relation to age, season, and water oxygenation. <i>Aquaculture</i> , 1999, 174, 207-212. | 3.5 | 44 |
| 46 | Expression in <i>Escherichia coli</i> and Purification of Sea Bass (<i>Dicentrarchus labrax</i>) Interleukin 1 β , a Possible Immunoadjuvant in Aquaculture. <i>Marine Biotechnology</i> , 2004, 6, 53-59. | 2.4 | 42 |
| 47 | Interleukin-10 expression by real-time PCR and homology modelling analysis in the European sea bass (<i>Dicentrarchus Labrax</i> L.). <i>Aquaculture</i> , 2007, 270, 512-522. | 3.5 | 42 |
| 48 | A piscidin-like antimicrobial peptide from the icefish <i>Chionodraco hamatus</i> (Perciformes:). <i>Shellfish Immunology</i> , 2012, 33, 1183-1191. | 3.6 | 41 |
| 49 | Diversity, Molecular Characterization and Expression of T Cell Receptor β in a Teleost Fish, the Sea Bass (<i>Dicentrarchus labrax</i> , L.). <i>PLoS ONE</i> , 2012, 7, e47957. | 2.5 | 40 |
| 50 | Immunodetection of Lymphocyte Subpopulations Involved in Allograft Rejection in a Teleost, <i>Dicentrarchus labrax</i> (L.). <i>Cellular Immunology</i> , 1999, 191, 152-160. | 3.0 | 38 |
| 51 | Immunoglobulin T from sea bass (<i>Dicentrarchus labrax</i> L.): molecular characterization, tissue localization and expression after nodavirus infection. <i>BMC Molecular Biology</i> , 2017, 18, 8. | 3.0 | 37 |
| 52 | Analysis of the transcriptome of the Indonesian coelacanth <i>Latimeria menadoensis</i> . <i>BMC Genomics</i> , 2013, 14, 538. | 2.8 | 35 |
| 53 | Immunoglobulin protein and gene transcripts in sea bream (<i>Sparus aurata</i> L.) oocytes. <i>Fish and Shellfish Immunology</i> , 2006, 20, 398-404. | 3.6 | 33 |
| 54 | Qualitative and quantitative analysis of serum immunoglobulins of four Antarctic fish species. <i>Polar Biology</i> , 1997, 18, 209-213. | 1.2 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Production and Characterization of a Continuous Embryonic Cell Line from Sea Bass (<i>Dicentrarchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 2.4 | 32 |
| 56 | A formalin-inactivated immunogen against viral encephalopathy and retinopathy (VER) disease in European sea bass (<i>Dicentrarchus labrax</i>): immunological and protection effects. <i>Veterinary Research</i> , 2016, 47, 89. | 3.0 | 32 |
| 57 | A monoclonal antibody to the IL-1 beta peptide 163-171 blocks adjuvanticity but not pyrogenicity of IL-1 beta in vivo. <i>Journal of Immunology</i> , 1989, 143, 131-4. | 0.8 | 32 |
| 58 | The effect of adrenalectomy on interleukin-1 release <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 1989, 98, 1137-1142. | 5.4 | 31 |
| 59 | Two Mx genes identified in European sea bass (<i>Dicentrarchus labrax</i>) respond differently to VNNV infection. <i>Veterinary Immunology and Immunopathology</i> , 2013, 153, 240-248. | 1.2 | 31 |
| 60 | State-of-the-Art Vaccine Research for Aquaculture Use: The Case of Three Economically Relevant Fish Species. <i>Vaccines</i> , 2021, 9, 140. | 4.4 | 31 |
| 61 | Interferon inhibits prostaglandin biosynthesis in macrophages: effects on arachidonic acid metabolism. <i>Journal of Immunology</i> , 1984, 132, 1987-92. | 0.8 | 31 |
| 62 | Formation of the egg envelope of a teleost, <i>Dicentrarchus labrax</i> (L.): immunochemical and cytochemical detection of multiple components. <i>Anatomy and Embryology</i> , 2004, 208, 43-53. | 1.5 | 30 |
| 63 | Cellular activities during a mixed leucocyte reaction in the teleost sea bass <i>Dicentrarchus labrax</i> . <i>Fish and Shellfish Immunology</i> , 2006, 20, 739-749. | 3.6 | 30 |
| 64 | New insights into evolution of IgT genes coming from Antarctic teleosts. <i>Marine Genomics</i> , 2015, 24, 55-68. | 1.1 | 29 |
| 65 | Structure-Function Relationships of Pheromones of the Ciliate <i>Euplotes raikovi</i> with Mammalian Growth Factors: Cross-Reactivity between Er-1 and Interleukin-2 Systems. <i>Experimental Cell Research</i> , 1998, 241, 253-259. | 2.6 | 28 |
| 66 | Analysis and characterization of the head kidney transcriptome from the Antarctic fish <i>Trematomus bernacchii</i> (Teleostea, Notothenioidea): A source for immune relevant genes. <i>Marine Genomics</i> , 2015, 20, 13-15. | 1.1 | 27 |
| 67 | Peculiar gene organisation and incomplete splicing of sea bass (<i>Dicentrarchus labrax</i> L.) interleukin-1 β . <i>Cytokine</i> , 2003, 21, 257-264. | 3.2 | 26 |
| 68 | Evolution of Th2 responses: characterization of IL-4/13 in sea bass (<i>Dicentrarchus labrax</i> L.) and studies of expression and biological activity. <i>Scientific Reports</i> , 2017, 7, 2240. | 3.3 | 25 |
| 69 | Ontogenetic onset of immune-relevant genes in the common sole (<i>Solea solea</i>). <i>Fish and Shellfish Immunology</i> , 2016, 57, 278-292. | 3.6 | 24 |
| 70 | Characterization of the main egg envelope proteins of the sea bass <i>Dicentrarchus labrax</i> L. (teleostea,) Tj ETQq0 0 0 rgBT /Overlock 10 T | 2.6 | 22 |
| 71 | Vaccines and immune protection of principal Mediterranean marine fish species. <i>Fish and Shellfish Immunology</i> , 2019, 94, 800-809. | 3.6 | 22 |
| 72 | Amyloid β peptide promotes differentiation of pro-inflammatory human myeloid dendritic cells. <i>Neurobiology of Aging</i> , 2009, 30, 210-221. | 3.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Isolation of a novel gene from <i>Photobacterium damsela</i> subsp. <i>piscicida</i> and analysis of the recombinant antigen as promising vaccine candidate. <i>Vaccine</i> , 2013, 31, 820-826. | 3.8 | 21 |
| 74 | MHC II- β chain gene expression studies define the regional organization of the thymus in the developing bony fish <i>Dicentrarchus labrax</i> (L.). <i>Fish and Shellfish Immunology</i> , 2015, 42, 483-493. | 3.6 | 21 |
| 75 | Immuno-related gene transcription and antibody response in nodavirus (RGNNV and SJNNV)-infected European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , 2018, 78, 270-278. | 3.6 | 21 |
| 76 | Immunopurification of B Lymphocytes from Sea Bass <i>Dicentrarchus labrax</i> (L.).. <i>Marine Biotechnology</i> , 2003, 5, 214-221. | 2.4 | 20 |
| 77 | Evolution of lymphocytes. Immunoglobulin T of the teleost sea bass (<i>Dicentrarchus labrax</i>): Quantitation of gene expressing and immunoreactive cells. <i>Fish and Shellfish Immunology</i> , 2017, 63, 40-52. | 3.6 | 20 |
| 78 | Evaluation of immunoglobulins produced in vitro by head-kidney leucocytes of sea bass <i>Dicentrarchus labrax</i> by immunoenzymatic assay. <i>Fish and Shellfish Immunology</i> , 2000, 10, 95-99. | 3.6 | 19 |
| 79 | Ultrastructure and proteins of the egg chorion of the antarctic fish <i>Chionodraco hamatus</i> (Teleostei, Notothenioidei). <i>Polar Biology</i> , 2001, 24, 417-421. | 1.2 | 19 |
| 80 | Assessment of DNA vaccine potential for gilthead sea bream (<i>Sparus aurata</i>) by intramuscular injection of a reporter gene. <i>Fish and Shellfish Immunology</i> , 2003, 15, 283-295. | 3.6 | 19 |
| 81 | Binding and internalization of the 163-171 fragment of human IL-1 β . <i>Cytokine</i> , 1992, 4, 201-204. | 3.2 | 18 |
| 82 | Structure and membrane interactions of chionodracine, a piscidin-like antimicrobial peptide from the icefish <i>Chionodraco hamatus</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1285-1293. | 2.6 | 17 |
| 83 | Vaccination and immune responses of European sea bass (<i>Dicentrarchus labrax</i> L.) against betanodavirus. <i>Fish and Shellfish Immunology</i> , 2019, 85, 78-84. | 3.6 | 17 |
| 84 | A Monoclonal Antibody against Chorion Proteins of the Sea Bass <i>Dicentrarchus labrax</i> (Linnaeus.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 60, 783-789. | 2.7 | 16 |
| 85 | Molecular and structural characterisation of a macrophage migration inhibitory factor from sea bass (<i>Dicentrarchus labrax</i> L.). <i>Veterinary Immunology and Immunopathology</i> , 2010, 136, 297-304. | 1.2 | 16 |
| 86 | Quantitative immunoenzymatic detection of viral encephalopathy and retinopathy virus (betanodavirus) in sea bass <i>Dicentrarchus labrax</i> . <i>Journal of Fish Diseases</i> , 2016, 39, 821-831. | 1.9 | 16 |
| 87 | Identification, molecular characterization and functional analysis of interleukin (IL)-2 and IL-2like (IL-2L) cytokines in sea bass (<i>Dicentrarchus labrax</i> L.). <i>Cytokine</i> , 2020, 126, 154898. | 3.2 | 16 |
| 88 | Cloning and expression analysis of the co-receptor CD8 β in sea bream (<i>Sparus aurata</i> L.). <i>Aquaculture</i> , 2006, 256, 631-637. | 3.5 | 15 |
| 89 | Searching for immunomodulatory sequences in sea bass (<i>Dicentrarchus labrax</i> L.): Transcripts analysis from thymus. <i>Fish and Shellfish Immunology</i> , 2010, 29, 571-578. | 3.6 | 15 |
| 90 | A CD83-like molecule in sea bass (<i>Dicentrarchus labrax</i>): Molecular characterization and modulation by viral and bacterial infection. <i>Fish and Shellfish Immunology</i> , 2012, 32, 1179-1184. | 3.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Engineered nanoparticles of titanium dioxide (TiO ₂): Uptake and biological effects in a sea bass cell line. <i>Fish and Shellfish Immunology</i> , 2017, 63, 53-67. | 3.6 | 15 |
| 92 | Oestrogen receptor distribution related to functional thymus anatomy of the European sea bass, <i>Dicentrarchus labrax</i> . <i>Developmental and Comparative Immunology</i> , 2017, 77, 106-120. | 2.3 | 15 |
| 93 | Fish-derived antimicrobial peptides: Activity of a chionodracine mutant against bacterial models and human bacterial pathogens. <i>Developmental and Comparative Immunology</i> , 2019, 96, 9-17. | 2.3 | 15 |
| 94 | Fine structure of the chorion and micropyle of the sea bass egg <i>Dicentrarchus labrax</i> (Teleostea, Percichthyidae). <i>Bollettino Di Zoologia</i> , 1994, 61, 129-133. | 0.3 | 14 |
| 95 | Characterization of a Monoclonal Antibody Against a 180 kDa Hemocyte Polypeptide Involved in Cellular Defence Reactions of the Stick Insect <i>Bacillus rossius</i> . <i>Journal of Insect Physiology</i> , 1997, 43, 345-353. | 2.0 | 14 |
| 96 | Lack of in vivo cross-protection of two different betanodavirus species RGNNV and SJNNV in European sea bass <i>Dicentrarchus labrax</i> . <i>Fish and Shellfish Immunology</i> , 2019, 85, 85-89. | 3.6 | 14 |
| 97 | Evolution of cytokine responses: IL-1 β directly affects intracellular Ca ²⁺ concentration of teleost fish leukocytes through a receptor-mediated mechanism. <i>Cytokine</i> , 2006, 34, 9-16. | 3.2 | 13 |
| 98 | Design and characterization of chionodracine-derived antimicrobial peptides with enhanced activity against drug-resistant human pathogens. <i>RSC Advances</i> , 2018, 8, 41331-41346. | 3.6 | 13 |
| 99 | Cytoskeletal alterations as a parameter for assessment of toxicity. <i>Xenobiotica</i> , 1988, 18, 715-724. | 1.1 | 12 |
| 100 | T cell receptor beta chain from sea bream (<i>Sparus aurata</i>): Molecular cloning, expression and modelling of the complexes with MHC class I. <i>Molecular Immunology</i> , 2008, 45, 2017-2027. | 2.2 | 12 |
| 101 | Water Oxygen Content Affects Distribution of T and B Lymphocytes in Lymphoid Tissues of Farmed Sea Bass (<i>Dicentrarchus Labrax</i>). <i>Fishes</i> , 2017, 2, 16. | 1.7 | 12 |
| 102 | The cytokine IL-1 β from the crocodile icefish <i>Chionodraco hamatus</i> (Perciformes: Channichthyidae). <i>Polar Biology</i> , 2006, 29, 1018-1027. | 1.2 | 11 |
| 103 | CD3 β in sea bass (<i>Dicentrarchus labrax</i>): Molecular characterization and expression analysis. <i>Results in Immunology</i> , 2011, 1, 31-35. | 2.2 | 11 |
| 104 | A Cell-Based ELISA to Improve the Serological Analysis of Anti-SARS-CoV-2 IgG. <i>Viruses</i> , 2020, 12, 1274. | 3.3 | 11 |
| 105 | Trematocine, a Novel Antimicrobial Peptide from the Antarctic Fish <i>Trematomus bernacchii</i> : Identification and Biological Activity. <i>Antibiotics</i> , 2020, 9, 66. | 3.7 | 11 |
| 106 | Invertebrate and fish cytokines. <i>European Cytokine Network</i> , 2000, 11, 354-61. | 2.0 | 11 |
| 107 | cDNA cloning and expression analysis of a cyclooxygenase-2 from sea bass (<i>Dicentrarchus labrax</i> L.) after vaccination. <i>Aquaculture</i> , 2005, 245, 301-310. | 3.5 | 10 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Effects of the polycyclic ketone tonalide (AHTN) on some cell viability parameters and transcription of P450 and immunoregulatory genes in rainbow trout RTG-2 cells. <i>Toxicology in Vitro</i> , 2011, 25, 1596-1602. | 2.4 | 10 |
| 110 | Molecular and cellular characterization of European sea bass CD3 ⁺ T lymphocytes and their modulation by microalgal feed supplementation. <i>Cell and Tissue Research</i> , 2021, 384, 149-165. | 2.9 | 10 |
| 111 | A monoclonal antibody for the CD45 receptor in the teleost fish <i>Dicentrarchus labrax</i> . <i>Developmental and Comparative Immunology</i> , 2012, 37, 342-353. | 2.3 | 9 |
| 112 | Identification of an IgD/IgT chimera in the European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , 2020, 105, 224-232. | 3.6 | 9 |
| 113 | Humoral immunity in Antarctic fish: Serum immunoglobulin analysis in seven species and antigen-induced response in <i>Trematomus bernacchii</i> (Teleostea, Notothenioidea). <i>Italian Journal of Zoology</i> , 2000, 67, 79-83. | 0.6 | 8 |
| 114 | An "immunome" gene panel for transcriptomic analysis of immune defence activities in the teleost sea bass (<i>Dicentrarchus labrax</i> L.): a review. <i>Italian Journal of Zoology</i> , 2009, 76, 146-157. | 0.6 | 8 |
| 115 | Molecular and Structural Characterization of MHC Class II β Genes Reveals High Diversity in the Cold-Adapted Icefish <i>Chionodraco hamatus</i> . <i>Scientific Reports</i> , 2019, 9, 5523. | 3.3 | 7 |
| 116 | Molecular, Cellular and Functional Analysis of TR β Chain along the European Sea Bass <i>Dicentrarchus labrax</i> Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3376. | 4.1 | 7 |
| 117 | First evidence of in vitro cytotoxic effects of marine microlitter on <i>Merluccius merluccius</i> and <i>Mullus barbatus</i> , two Mediterranean commercial fish species. <i>Science of the Total Environment</i> , 2022, 813, 152618. | 8.0 | 7 |
| 118 | Characterization of purine catabolic pathway genes in coelacanth. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2014, 322, 334-341. | 1.3 | 6 |
| 119 | 3D Modelling of Three Pro-Inflammatory Molecules in Selected Fish Species. <i>Current Pharmaceutical Design</i> , 2010, 16, 4203-4212. | 1.9 | 5 |
| 120 | Immune response of the Antarctic teleost <i>Trematomus bernacchii</i> to immunization with <i>Psychrobacter</i> sp. (TAD1). <i>Fish and Shellfish Immunology</i> , 2016, 56, 192-198. | 3.6 | 5 |
| 121 | Cold Adaptation in Antarctic Notothenioids: Comparative Transcriptomics Reveals Novel Insights in the Peculiar Role of Gills and Highlights Signatures of Cobalamin Deficiency. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1812. | 4.1 | 5 |
| 122 | Evolution of immune defence responses as incremental layers among Metazoa. , 2021, 88, 44-57. | | 5 |
| 123 | Egg envelope organisation in the icefish <i>Chionodraco hamatus</i> . <i>Polar Biology</i> , 2004, 27, 586. | 1.2 | 4 |
| 124 | Biochemical properties of ciliary, flagellar and cytoplasmic dyneins. <i>Symposia of the Society for Experimental Biology</i> , 1982, 35, 339-52. | 0.0 | 4 |
| 125 | Evolution of cell-mediated immune defences: Cloning and structural characterisation of the T cell receptor beta chain from the icefish <i>Chionodraco hamatus</i> (Perciformes: Channichthyidae). <i>Italian Journal of Zoology</i> , 2009, 76, 258-268. | 0.6 | 3 |
| 126 | The sea bass <i>Dicentrarchus labrax</i> as a marine model species in immunology: Insights from basic and applied research. <i>Aquaculture and Fisheries</i> , 2024, 9, 136-143. | 2.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | An Altered Metabolism in Leukocytes Showing in vitro igG Memory From SARS-CoV-2-Infected Patients. <i>Frontiers in Molecular Biosciences</i> , 0, 9, . | 3.5 | 3 |
| 128 | Morphological and flow cytometric characterization of leukocytes from the notothenioid teleosts <i>Dissostichus eleginoides</i> , <i>Notothenia coriiceps</i> , and <i>Trematomus hansonii</i> . <i>Polar Biology</i> , 2006, 29, 872-877. | 1.2 | 2 |
| 129 | Immune Defence Mechanisms in the Sea Bass <i>Dicentrarchus labrax</i> L. , 2009, , 185-219. | | 2 |
| 130 | Prepubertal gonad investment modulates thymus function: evidence in a teleost fish. <i>Journal of Experimental Biology</i> , 2021, 224, . | 1.7 | 1 |
| 131 | The Anti-SARS-CoV-2 Antibody Response in a Centenarian Woman: A Case of Long-Term Memory?. <i>Viruses</i> , 2021, 13, 1704. | 3.3 | 1 |
| 132 | The Evolution of Lymphocytes in Ectothermic Gnathostomata. , 2016, , 69-86. | | 0 |
| 133 | Fish Transcriptomics. , 2016, , 205-214. | | 0 |
| 134 | Transcriptome Analysis Reveals Early Hemocyte Responses upon In Vivo Stimulation with LPS in the Stick Insect <i>Bacillus rossius</i> (Rossi, 1788). <i>Insects</i> , 2022, 13, 645. | 2.2 | 0 |