

Ysabel Santos

List of Publications by Year in descending order

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83
papers

2,537
citations

159358

30
h-index

223531

46
g-index

85
all docs

85
docs citations

85
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Virulence properties and enterotoxin production of <i>Aeromonas</i> strains isolated from fish. <i>Infection and Immunity</i> , 1988, 56, 3285-3293.	1.0	137
2	Simultaneous Detection of Marine Fish Pathogens by Using Multiplex PCR and a DNA Microarray. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1414-1419.	1.8	115
3	Evaluation of media for the successful culture of <i>Flexibacter maritimus</i> . <i>Journal of Fish Diseases</i> , 1996, 19, 193-197.	0.9	103
4	Response of <i>Pasteurella piscicida</i> and <i>Flexibacter maritimus</i> to skin mucus of marine fish. <i>Diseases of Aquatic Organisms</i> , 1995, 21, 103-108.	0.5	85
5	<i>Tenacibaculum discolor</i> sp. nov. and <i>Tenacibaculum gallaicum</i> sp. nov., isolated from sole (<i>Solea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Evolutionary Microbiology</i> , 2008, 58, 21-25.	0.8	82
6	Pathogenic activities of live cells and extracellular products of the fish pathogen <i>Pasteurella piscicida</i> . <i>Journal of General Microbiology</i> , 1992, 138, 2491-2498.	2.3	78
7	Homology of <i>Vibrio anguillarum</i> strains causing epizootics in turbot, salmon and trout reared on the Atlantic coast of Spain. <i>Aquaculture</i> , 1987, 67, 41-52.	1.7	77
8	<i>Tenacibaculum soleae</i> sp. nov., isolated from diseased sole (<i>Solea senegalensis</i> Kaup). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 881-885.	0.8	72
9	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.	1.6	65
10	Cutaneous immune responses in the common carp detected using transcript analysis. <i>Molecular Immunology</i> , 2007, 44, 1664-1679.	1.0	64
11	<i>Tenacibaculum dicentrarchi</i> sp. nov., a marine bacterium of the family Flavobacteriaceae isolated from European sea bass. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 425-429.	0.8	62
12	Looking for New Targets: Simple Coumarins as Antibacterial Agents. <i>Medicinal Chemistry</i> , 2012, 8, 1140-1145.	0.7	61
13	Synthesis and Structure-Activity Relationships of Novel Amino/Nitro Substituted 3-Arylcoumarins as Antibacterial Agents. <i>Molecules</i> , 2013, 18, 1394-1404.	1.7	59
14	Usefulness of the API-20E system for the identification of bacterial fish pathogens. <i>Aquaculture</i> , 1993, 116, 111-120.	1.7	52
15	Vaccination trials on gilthead seabream (<i>Sparus aurata</i>) against <i>Pasteurella piscicida</i> . <i>Aquaculture</i> , 1994, 120, 201-208.	1.7	50
16	Improved growth of <i>Flavobacterium psychrophilum</i> using a new culture medium. <i>Aquaculture</i> , 2004, 238, 75-82.	1.7	46
17	Non-specific cellular responses of rainbow trout to <i>Vibrio anguillarum</i> and its extracellular products (ECPs). <i>Journal of Fish Biology</i> , 1994, 45, 839-854.	0.7	45
18	Identification and typing of fish pathogenic species of the genus <i>Tenacibaculum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9973-9989.	1.7	45

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19	Development of a PCR-based method for the detection of <i>Listonella anguillarum</i> in fish tissues and blood samples. <i>Diseases of Aquatic Organisms</i> , 2003, 55, 109-115.	0.5	44
20	<i>Serratia marcescens</i> : a potential pathogen for fish. <i>Journal of Fish Diseases</i> , 1992, 15, 15-26.	0.9	42
21	An extracellular acetylcholinesterase produced by <i>Aeromonas hydrophila</i> is a major lethal toxin for fish. <i>Microbial Pathogenesis</i> , 1991, 11, 101-110.	1.3	41
22	In vitro killing of <i>Pasteurella piscicida</i> by fish macrophages. <i>Diseases of Aquatic Organisms</i> , 1995, 23, 51-57.	0.5	38
23	Efficacy of furunculosis vaccines in turbot, <i>Scophthalmus maximus</i> (L.): evaluation of immersion, oral and injection delivery. <i>Journal of Fish Diseases</i> , 2005, 28, 165-172.	0.9	38
24	Phenotypic Characteristics and Virulence of <i>Vibrio anguillarum</i> -Related Organisms. <i>Applied and Environmental Microbiology</i> , 1993, 59, 2969-2976.	1.4	38
25	Design, synthesis and antibacterial study of new potent and selective coumarin-chalcone derivatives for the treatment of tenacibaculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7045-7052.	1.4	36
26	Development of a SYBR green I real-time PCR assay for specific identification of the fish pathogen <i>Aeromonas salmonicida</i> subspecies <i>salmonicida</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10585-10595.	1.7	36
27	Pathogenicity of live bacteria and extracellular products of motile <i>Aeromonas</i> isolated from eels. <i>Journal of Applied Bacteriology</i> , 1995, 78, 555-562.	1.1	34
28	A proposed serotyping system for <i>Flavobacterium psychrophilum</i> . <i>Letters in Applied Microbiology</i> , 2002, 35, 166-170.	1.0	32
29	Detection of <i>Flexibacter maritimus</i> in fish tissue using nested PCR amplification. <i>Journal of Fish Diseases</i> , 2003, 26, 65-70.	0.9	32
30	Evaluation of Different Assay Systems for Identification of Environmental <i>Aeromonas</i> Strains. <i>Applied and Environmental Microbiology</i> , 1986, 51, 652-656.	1.4	32
31	Eosinophilic granular cell response to intraperitoneal injection with <i>Vibrio anguillarum</i> and its extracellular products in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 1991, 1, 187-194.	1.6	31
32	Fatty acid analysis as a chemotaxonomic tool for taxonomic and epidemiological characterization of four fish pathogenic <i>Tenacibaculum</i> species. <i>Letters in Applied Microbiology</i> , 2008, 46, 548-554.	1.0	31
33	Cell-Surface-Associated Properties of Fish Pathogenic Bacteria. <i>Journal of Aquatic Animal Health</i> , 1991, 3, 297-301.	0.6	30
34	Acute <i>Aeromonas salmonicida</i> infection in turbot (<i>Scophthalmus maximus</i> L.). Histopathological and immunohistochemical studies. <i>Aquaculture</i> , 2014, 430, 79-85.	1.7	30
35	Relationships among virulence for fish, enterotoxigenicity, and phenotypic characteristics of motile <i>Aeromonas</i> . <i>Aquaculture</i> , 1987, 67, 29-39.	1.7	29
36	Protection of turbot, <i>Scophthalmus maximus</i> (L.), and rainbow trout, <i>Oncorhynchus mykiss</i> (Richardson), against vibriosis using two different vaccines. <i>Journal of Fish Diseases</i> , 1991, 14, 407-411.	0.9	29

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37	A Comparison of Pathological Changes Caused by <i>Vibrio anguillarum</i> and Its Extracellular Products in Rainbow Trout (<i>Oncorhynchus mykiss</i>).. <i>Fish Pathology</i> , 1994, 29, 79-89.	0.4	29
38	Reelin immunoreactivity in the larval sea lamprey brain. <i>Journal of Chemical Neuroanatomy</i> , 2002, 23, 211-221.	1.0	27
39	<i>Tenacibaculum maritimum</i> infection: Pathology and immunohistochemistry in experimentally challenged turbot (<i>Psetta maxima</i> L.). <i>Microbial Pathogenesis</i> , 2013, 65, 82-88.	1.3	27
40	Susceptibility of turbot (<i>Scophthalmus maximus</i>), coho salmon (<i>Oncorhynchus kisutch</i> , and rainbow Tj ETQq0 0 0 rgBT /Overlock 10 Tf Ichthyology, 1991, 7, 160-167.	0.3	26
41	First isolation of <i>Tenacibaculum soleae</i> from diseased cultured wedge sole, <i>Dicologlossa cuneata</i> (Moreau), and brill, <i>Scophthalmus rhombus</i> (L.). <i>Journal of Fish Diseases</i> , 2010, 33, 273-278.	0.9	26
42	Use of ribosomal proteins as biomarkers for identification of <i>Flavobacterium psychrophilum</i> by MALDI-TOF mass spectrometry. <i>Journal of Proteomics</i> , 2018, 170, 59-69.	1.2	26
43	MICs and MBCs of chemotherapeutic agents against <i>Renibacterium salmoninarum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1991, 35, 1011-1013.	1.4	25
44	First isolation of <i>Aeromonas salmonicida</i> subspecies <i>salmonicida</i> from diseased sea bass, <i>Dicentrarchus labrax</i> (L.), cultured in Spain. <i>Aquaculture Reports</i> , 2016, 4, 36-41.	0.7	25
45	MALDI-TOF mass spectrometry for rapid differentiation of <i>Tenacibaculum</i> species pathogenic for fish. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5377-5390.	1.7	24
46	Biochemical and Serological Characteristics, Drug Resistance and Plasmid Profiles of Spanish Isolates of <i>Aeromonas salmonicida</i> .. <i>Fish Pathology</i> , 1991, 26, 55-60.	0.4	23
47	Comparison of the extracellular biological activities of <i>Vibrio anguillarum</i> and <i>Aeromonas hydrophila</i> . <i>Aquaculture</i> , 1992, 107, 259-270.	1.7	22
48	Vaccination against <i>Aeromonas salmonicida</i> in turbot (<i>Scophthalmus maximus</i> L.): Study of the efficacy, morphological changes and antigen distribution. <i>Aquaculture</i> , 2015, 445, 22-32.	1.7	20
49	Morphopathological features of a severe ulcerative disease outbreak associated with <i>Tenacibaculum maritimum</i> in cultivated sole, <i>Solea senegalensis</i> (L.). <i>Journal of Fish Diseases</i> , 2012, 35, 437-445.	0.9	19
50	Proteomic and molecular fingerprinting for identification and tracking of fish pathogenic <i>Streptococcus</i> . <i>Aquaculture</i> , 2019, 498, 322-334.	1.7	19
51	Effect of serum factors on the survival of <i>Renibacterium salmoninarum</i> within rainbow trout macrophages. <i>Diseases of Aquatic Organisms</i> , 1995, 23, 221-227.	0.5	19
52	Development of a PCR method for the specific identification of the marine fish pathogen <i>Tenacibaculum soleae</i> . <i>Aquaculture</i> , 2011, 319, 1-4.	1.7	18
53	Influence of the growth conditions on the hydrophobicity of <i>Renibacterium salmoninarum</i> evaluated by different methods. <i>FEMS Microbiology Letters</i> , 1989, 60, 71-78.	0.7	15
54	Isolation of <i>Serratia plymuthica</i> as an opportunistic pathogen in rainbow trout, <i>Salmo gairdneri</i> Richardson. <i>Journal of Fish Diseases</i> , 1990, 13, 175-177.	0.9	15

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55	Quantitative PCR coupled with melting curve analysis for rapid detection and quantification of <i>Tenacibaculum maritimum</i> in fish and environmental samples. <i>Aquaculture</i> , 2019, 498, 289-296.	1.7	14
56	Development of a real-time PCR assay for detection and quantification of <i>Streptococcus iniae</i> using the lactate permease gene. <i>Journal of Fish Diseases</i> , 2021, 44, 53-61.	0.9	14
57	Effect of Bivalent Vaccines against <i>Vibrio anguillarum</i> and <i>Aeromonas salmonicida</i> Subspecie <i>achromogenes</i> on Health and Survival of Turbot. <i>Vaccines</i> , 2021, 9, 906.	2.1	14
58	COMPARISON OF THE CELL SURFACE HYDROPHOBICITY OF BACTERIAL FISH PATHOGENS BY DIFFERENT PROCEDURES. , 1990, , 101-115.		13
59	The detection of two antigenic groups among <i>Renibacterium salmoninarum</i> isolates. <i>FEMS Microbiology Letters</i> , 1992, 94, 105-110.	0.7	12
60	Influence of the growth conditions on the hydrophobicity of <i>Renibacterium salmoninarum</i> evaluated by different methods. <i>FEMS Microbiology Letters</i> , 1989, 60, 71-77.	0.7	12
61	Presence of high-affinity iron uptake systems in fish-isolated and environmental strains of <i>Vibrio anguillarum</i> serotype O3. <i>FEMS Microbiology Letters</i> , 2001, 202, 79-83.	0.7	10
62	Presence of high-affinity iron uptake systems in fish-isolated and environmental strains of <i>Vibrio anguillarum</i> serotype O3. <i>FEMS Microbiology Letters</i> , 2001, 202, 79-83.	0.7	10
63	Evaluation of the AQUARAPID-Va, AQUAEIA-Va and dot-blot assays for the detection of <i>Vibrio anguillarum</i> in fish tissues. <i>Journal of Fish Diseases</i> , 2004, 27, 617-621.	0.9	10
64	Antigenic characterization of <i>Vibrio anguillarum</i> -related organisms isolated from turbot and cod. <i>Diseases of Aquatic Organisms</i> , 1997, 28, 45-50.	0.5	10
65	Comparative genomics of <i>Streptococcus parauberis</i> : new target for molecular identification of serotype III. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6211-6222.	1.7	9
66	Presence of skin permeability factors in the extracellular products of <i>Yersinia ruckeri</i> . <i>Current Microbiology</i> , 1992, 24, 263-267.	1.0	8
67	Detection of a Common Antigen among <i>Renibacterium salmoninarum</i> , <i>Corynebacterium aquaticum</i> , and <i>Carnobacterium piscicola</i> by the Western Blot Technique. <i>Journal of Aquatic Animal Health</i> , 1993, 5, 172-176.	0.6	8
68	Immunohistochemical diagnosis of tenacibaculosis in paraffin-embedded tissues of <i>Senegal sole</i> and <i>Olea senegalensis</i> . <i>Journal of Fish Diseases</i> , 2014, 37, 959-968.	0.9	8
69	Evaluation of immune response in turbot (<i>Psetta maxima</i> L.) tenacibaculosis: Haematological and immunohistochemical studies. <i>Microbial Pathogenesis</i> , 2014, 76, 1-9.	1.3	7
70	Comparison of serological and molecular typing methods for epidemiological investigation of <i>Tenacibaculum</i> species pathogenic for fish. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2779-2789.	1.7	7
71	Immunological analysis of extracellular products and cell surface components of motile <i>Aeromonas</i> isolated from fish. <i>Journal of Applied Bacteriology</i> , 1996, 81, 585-593.	1.1	6
72	High-throughput identification and quantification of <i>Vagococcus salmoninarum</i> by SYBR Green I-based real-time PCR combined with melting curve analysis. <i>Journal of Fish Diseases</i> , 2019, 42, 1359-1368.	0.9	6

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73	Identification and typing of <i>Vagococcus salmoninarum</i> using genomic and proteomic techniques. <i>Journal of Fish Diseases</i> , 2019, 42, 597-612.	0.9	6
74	Effects of food ration, water flow rate and bacteriological levels of broodstock on the reproductive conditioning of the European flat oyster (<i>Ostrea edulis</i> , Linnaeus 1758). <i>Aquaculture Reports</i> , 2020, 18, 100412.	0.7	6
75	Biochemical and serological analysis of <i>Vibrio anguillarum</i> related organisms. <i>Diseases of Aquatic Organisms</i> , 1996, 26, 67-73.	0.5	6
76	Clonality of <i>Lactococcus garvieae</i> isolated from rainbow trout cultured in Spain: A molecular, immunological, and proteomic approach. <i>Aquaculture</i> , 2021, 545, 737190.	1.7	5
77	Detection of a vascular permeability factor in the extracellular products of <i>Renibacterium salmoninarum</i> . <i>Microbial Pathogenesis</i> , 1992, 13, 237-241.	1.3	2
78	The detection of two antigenic groups among <i>Renibacterium salmoninarum</i> isolates. <i>FEMS Microbiology Letters</i> , 1992, 94, 105-110.	0.7	2
79	Predicting antimicrobial resistance of <i>Lactococcus garvieae</i> : PCR detection of resistance genes versus MALDI-TOF protein profiling. <i>Aquaculture</i> , 2022, 553, 738098.	1.7	2
80	Establishment of different challenge models for <i>Aeromonas salmonicida</i> subsp. <i>achromogenes</i> in turbot and sole. <i>Aquaculture</i> , 2022, 555, 738261.	1.7	2
81	Phenotypic and Molecular Characterization of <i>Lacinutrix venerupis</i> Isolated from Atlantic Horse Mackerel <i>Trachurus trachurus</i> . <i>Journal of Aquatic Animal Health</i> , 2019, 31, 320-327.	0.6	1
82	Molecular and serological typing of <i>Streptococcus mutans</i> strains isolated from young Galician population: relationship with the oral health status. <i>International Microbiology</i> , 2020, 23, 589-596.	1.1	1
83	Usefulness of matrix-assisted laser desorption/ionization/time of flight mass spectrometry for the identification of <i>Streptococcus mutans</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10601-10612.	1.7	0