

Beatriz Magariños

List of Publications by Year in descending order

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93
papers

4,101
citations

109321

35
h-index

128289

60
g-index

93
all docs

93
docs citations

93
times ranked

3352
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the main bacterial fish diseases in mariculture systems. <i>Aquaculture</i> , 2005, 246, 37-61.	3.5	671
2	Tenacibaculosis infection in marine fish caused by <i>Tenacibaculum maritimum</i> : a review. <i>Diseases of Aquatic Organisms</i> , 2006, 71, 255-266.	1.0	215
3	Pasteurellosis in cultured gilthead seabream (<i>Sparus aurata</i>): first report in Spain. <i>Aquaculture</i> , 1991, 99, 1-15.	3.5	143
4	Phenotypic, antigenic, and molecular characterization of <i>Pasteurella piscicida</i> strains isolated from fish. <i>Applied and Environmental Microbiology</i> , 1992, 58, 3316-3322.	3.1	105
5	Characterization of <i>Edwardsiella tarda</i> strains isolated from turbot, <i>Psetta maxima</i> (L.). <i>Journal of Fish Diseases</i> , 2006, 29, 541-547.	1.9	103
6	Acylhomoserine lactone production and degradation by the fish pathogen <i>Tenacibaculum maritimum</i> , a member of the <i>Cytophaga-Flavobacterium-Bacteroides</i> (CFB) group. <i>FEMS Microbiology Letters</i> , 2010, 304, 131-139.	1.8	101
7	Effect of oral administration of glucans on the resistance of gilthead seabream to pasteurellosis. <i>Aquaculture</i> , 2003, 219, 99-109.	3.5	92
8	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.	1.0	85
9	Iron uptake by <i>Pasteurella piscicida</i> and its role in pathogenicity for fish. <i>Applied and Environmental Microbiology</i> , 1994, 60, 2990-2998.	3.1	84
10	Antigenic and Molecular Characterization of <i>Yersinia ruckeri</i> Proposal for a New Intraspecies Classification. <i>Systematic and Applied Microbiology</i> , 1993, 16, 411-419.	2.8	70
11	Phenotypic and pathobiological characteristics of <i>Pasteurella piscicida</i> . <i>Annual Review of Fish Diseases</i> , 1996, 6, 41-64.	1.0	66
12	Contact Lens Hydrophobicity and Roughness Effects on Bacterial Adhesion. <i>Optometry and Vision Science</i> , 2010, 87, E426-E431.	1.2	64
13	Influence of the capsular layer on the virulence of <i>Pasteurella piscicida</i> for fish. <i>Microbial Pathogenesis</i> , 1996, 21, 289-297.	2.9	62
14	Molecular Fingerprinting of Fish-Pathogenic <i>Lactococcus garvieae</i> Strains by Random Amplified Polymorphic DNA Analysis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 751-756.	3.9	62
15	Expressed sequence tags (ESTs) from immune tissues of turbot (<i>Scophthalmus maximus</i>) challenged with pathogens. <i>BMC Veterinary Research</i> , 2008, 4, 37.	1.9	61
16	Effectiveness of a divalent vaccine for sole, <i>Solea senegalensis</i> (Kaup), against <i>Vibrio harveyi</i> and <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Journal of Fish Diseases</i> , 2005, 28, 33-38.	1.9	60
17	Use of hydrogen peroxide against the fish pathogen <i>Tenacibaculum maritimum</i> and its effect on infected turbot (<i>Scophthalmus maximus</i>). <i>Aquaculture</i> , 2006, 257, 104-110.	3.5	60
18	Development of an effective <i>Edwardsiella tarda</i> vaccine for cultured turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2008, 25, 208-212.	3.6	59

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19	Genetic studies to re-affiliate <i>Edwardsiella tarda</i> fish isolates to <i>Edwardsiella piscicida</i> and <i>Edwardsiella anguillarum</i> species. <i>Systematic and Applied Microbiology</i> , 2018, 41, 30-37.	2.8	58
20	Adherence and invasive capacities of the fish pathogen <i>Pasteurella piscicida</i> . <i>FEMS Microbiology Letters</i> , 1996, 138, 29-34.	1.8	57
21	Hot melt poly- μ -caprolactone/poloxamine implantable matrices for sustained delivery of ciprofloxacin. <i>Acta Biomaterialia</i> , 2012, 8, 1507-1518.	8.3	57
22	<i>Streptococcus phocae</i> , an emerging pathogen for salmonid culture. <i>Veterinary Microbiology</i> , 2008, 130, 198-207.	1.9	56
23	Usefulness of the API-20E system for the identification of bacterial fish pathogens. <i>Aquaculture</i> , 1993, 116, 111-120.	3.5	52
24	Phenotypic and pathobiological characteristics of <i>Pasteurella piscicida</i> . <i>Annual Review of Fish Diseases</i> , 1996, 6, 41-64.	1.0	52
25	Bactericidal Core-Shell Paramagnetic Nanoparticles Functionalized with Poly(hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	51
26	Vaccination trials on gilthead seabream (<i>Sparus aurata</i>) against <i>Pasteurella piscicida</i> . <i>Aquaculture</i> , 1994, 120, 201-208.	3.5	50
27	Binding of Functionalized Paramagnetic Nanoparticles to Bacterial Lipopolysaccharides And DNA. <i>Langmuir</i> , 2010, 26, 8829-8835.	3.5	48
28	In vitro quenching of fish pathogen <i>Edwardsiella tarda</i> AHL production using marine bacterium <i>Tenacibaculum</i> sp. strain 20J cell extracts. <i>Diseases of Aquatic Organisms</i> , 2014, 108, 217-225.	1.0	48
29	Sequential pathology of experimental pasteurellosis in gilthead seabream <i>Sparus aurata</i> . A light- and electron-microscopic study. <i>Diseases of Aquatic Organisms</i> , 1995, 21, 177-186.	1.0	47
30	Species-specific polymerase chain reaction primer sets for the diagnosis of <i>Tenacibaculum maritimum</i> infection. <i>Diseases of Aquatic Organisms</i> , 2004, 62, 75-83.	1.0	45
31	Acrylic polymer-grafted polypropylene sutures for covalent immobilization or reversible adsorption of vancomycin. <i>International Journal of Pharmaceutics</i> , 2014, 461, 286-295.	5.2	44
32	A challenge model for <i>Tenacibaculum maritimum</i> infection in turbot, <i>Scophthalmus maximus</i> (L.). <i>Journal of Fish Diseases</i> , 2006, 29, 371-374.	1.9	43
33	Silicone rubber films functionalized with poly(acrylic acid) nanobrushes for immobilization of gold nanoparticles and photothermal therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 245-254.	3.0	40
34	Phenotypic characterization and description of two major O-serotypes in <i>Tenacibaculum maritimum</i> strains from marine fishes. <i>Diseases of Aquatic Organisms</i> , 2004, 58, 1-8.	1.0	39
35	Genetic analysis of turbot pathogenic <i>Streptococcus parauberis</i> strains by ribotyping and random amplified polymorphic DNA. <i>FEMS Microbiology Letters</i> , 1999, 179, 297-304.	1.8	38
36	Phenotypic Characteristics and Virulence of <i>Vibrio anguillarum</i> -Related Organisms. <i>Applied and Environmental Microbiology</i> , 1993, 59, 2969-2976.	3.1	38

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37	Use of adjuvanted vaccines to lengthen the protection against lactococcosis in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2006, 251, 153-158.	3.5	37
38	Interactions between peritoneal exudate cells (PECs) of gilthead seabream (<i>Sparus aurata</i>) and <i>Pasteurella piscicida</i> . A morphological study. <i>Aquaculture</i> , 1995, 131, 11-21.	3.5	36
39	Antimicrobial silver-loaded polypropylene sutures modified by radiation-grafting. <i>European Polymer Journal</i> , 2018, 100, 290-297.	5.4	36
40	Existence of two geographically-linked clonal lineages in the bacterial fish pathogen <i>Photobacterium damsela</i> subsp. <i>piscicida</i> evidenced by random amplified polymorphic DNA analysis. <i>Epidemiology and Infection</i> , 2000, 125, 213-219.	2.1	35
41	Effect of temperature on the development of pasteurellosis in carrier gilthead seabream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.5	34
42	Iron Uptake Mechanisms in the Fish Pathogen <i>Tenacibaculum maritimum</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 6947-6953.	3.1	34
43	Evaluation of BIONOR Mono-kits for rapid detection of bacterial fish pathogens. <i>Diseases of Aquatic Organisms</i> , 1995, 21, 25-34.	1.0	31
44	First description of serotype O3 in <i>Vibrio anguillarum</i> strains isolated from salmonids in Chile. <i>Journal of Fish Diseases</i> , 2008, 31, 235-239.	1.9	30
45	Surface properties of <i>Streptococcus phocae</i> strains isolated from diseased Atlantic salmon, <i>Salmo salar</i> L.. <i>Journal of Fish Diseases</i> , 2011, 34, 203-215.	1.9	30
46	Starvation-Survival Processes of the Bacterial Fish Pathogen <i>Yersinia ruckeri</i> . <i>Systematic and Applied Microbiology</i> , 1994, 17, 161-168.	2.8	29
47	Intraspecific diversity of the marine fish pathogen <i>Tenacibaculum maritimum</i> as determined by randomly amplified polymorphic DNA-PCR. <i>Journal of Applied Microbiology</i> , 2004, 96, 871-877.	3.1	29
48	Evaluation of four polymerase chain reaction primer pairs for the detection of <i>Edwardsiella tarda</i> in turbot. <i>Diseases of Aquatic Organisms</i> , 2010, 90, 55-61.	1.0	29
49	Synthetic scaffolds with full pore interconnectivity for bone regeneration prepared by supercritical foaming using advanced biofunctional plasticizers. <i>Biofabrication</i> , 2017, 9, 035002.	7.1	29
50	Dormancy as a survival strategy of the fish pathogen <i>Streptococcus parauberis</i> in the marine environment. <i>Diseases of Aquatic Organisms</i> , 2002, 52, 129-136.	1.0	28
51	Singly and binary grafted poly(vinyl chloride) urinary catheters that elute ciprofloxacin and prevent bacteria adhesion. <i>International Journal of Pharmaceutics</i> , 2015, 488, 20-28.	5.2	28
52	Radiation-grafting of N-vinylimidazole onto silicone rubber for antimicrobial properties. <i>Radiation Physics and Chemistry</i> , 2015, 110, 59-66.	2.8	27
53	Phenotypic and Genetic Characterization of <i>Pseudomonas anguilliseptica</i> Strains Isolated from Fish. <i>Journal of Aquatic Animal Health</i> , 2003, 15, 39-47.	1.4	26
54	Use of microcosms to determine the survival of the fish pathogen <i>Tenacibaculum maritimum</i> in seawater. <i>Environmental Microbiology</i> , 2006, 8, 921-928.	3.8	26

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55	Viability of starved <i>Pasteurella piscicida</i> in seawater monitored by flow cytometry and the effect of antibiotics on its resuscitation. <i>Letters in Applied Microbiology</i> , 1997, 24, 122-126.	2.2	25
56	Comparison of Ribotyping, Randomly Amplified Polymorphic DNA, and Pulsed-Field Gel Electrophoresis for Molecular Typing of <i>Vibrio tapetis</i> . <i>Systematic and Applied Microbiology</i> , 2002, 25, 544-550.	2.8	25
57	Radiation grafting of poly(methyl methacrylate) and poly(vinylimidazole) onto polytetrafluoroethylene films and silver immobilization for antimicrobial performance. <i>Applied Surface Science</i> , 2019, 473, 951-959.	6.1	23
58	Binding of haemin by the fish pathogen <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Diseases of Aquatic Organisms</i> , 2002, 48, 109-115.	1.0	23
59	Applicability of Ribotyping for Intraspecific Classification and Epidemiological Studies of <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Systematic and Applied Microbiology</i> , 1997, 20, 634-639.	2.8	22
60	Antigenic and molecular characterization of <i>Vibrio ordalii</i> strains isolated from Atlantic salmon <i>Salmo salar</i> in Chile. <i>Diseases of Aquatic Organisms</i> , 2008, 79, 27-35.	1.0	21
61	Intraspecific genetic variability of <i>Edwardsiella tarda</i> strains from cultured turbot. <i>Diseases of Aquatic Organisms</i> , 2011, 95, 253-258.	1.0	19
62	Comparative polyphasic characterization of <i>Streptococcus phocae</i> strains with different host origin and description of the subspecies <i>Streptococcus phocae</i> subsp. <i>salmonis</i> subsp. <i>nov.</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1775-1781.	1.7	19
63	Genetic characterization of <i>Streptococcus phocae</i> strains isolated from Atlantic salmon, <i>Salmo salar</i> L., in Chile. <i>Journal of Fish Diseases</i> , 2009, 32, 351-358.	1.9	18
64	Furunculosis in Senegalese sole (<i>Solea senegalensis</i>) cultured in a recirculation system. <i>Veterinary Record</i> , 2011, 168, 431-431.	0.3	18
65	Comparative proteomic study of <i>Edwardsiella tarda</i> strains with different degrees of virulence. <i>Journal of Proteomics</i> , 2015, 127, 310-320.	2.4	18
66	Biofilm development and cell viability: An undervalued mechanism in the persistence of the fish pathogen <i>Tenacibaculum maritimum</i> . <i>Aquaculture</i> , 2019, 511, 734-742.	3.5	18
67	Antioxidant power, bacteriostatic activity, and characterization of white grape pomace extracts by HPLC-MS. <i>European Food Research and Technology</i> , 2009, 230, 291-301.	3.3	17
68	Existence of two O-serotypes in the fish pathogen <i>Pseudomonas anguilliseptica</i> . <i>Veterinary Microbiology</i> , 2003, 94, 325-333.	1.9	16
69	Hydrogels porosity and bacteria penetration: Where is the pore size threshold?. <i>Journal of Membrane Science</i> , 2010, 365, 248-255.	8.2	16
70	First isolation of <i>Tenacibaculum maritimum</i> from wedge sole, <i>Dicologlossa cuneata</i> (Moreau). <i>Journal of Fish Diseases</i> , 2009, 32, 603-610.	1.9	15
71	Molecular characterization of Portuguese strains of <i>Yersinia ruckeri</i> isolated from fish culture systems. <i>Journal of Fish Diseases</i> , 2001, 24, 151-159.	1.9	14
72	Development and Validation of a PCR-based Protocol for the Detection of <i>Pseudomonas anguilliseptica</i> . <i>Fish Pathology</i> , 2004, 39, 33-41.	0.7	13

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73	Evaluation of different DNA-based fingerprinting methods for typing <i>Photobacterium damsela</i> ssp. <i>piscicida</i> . <i>Biological Research</i> , 2007, 40, 85-92.	3.4	13
74	Estimation of epidemiological cut-off values for disk diffusion susceptibility test data for <i>Streptococcus phocae</i> . <i>Aquaculture</i> , 2011, 314, 44-48.	3.5	13
75	Supercritical CO ₂ technology for one-pot foaming and sterilization of polymeric scaffolds for bone regeneration. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120801.	5.2	13
76	The detection of two antigenic groups among <i>Renibacterium salmoninarum</i> isolates. <i>FEMS Microbiology Letters</i> , 1992, 94, 105-110.	1.8	12
77	Assessment of a magnetic bead-EIA based kit for rapid diagnosis of fish pasteurellosis. <i>Journal of Microbiological Methods</i> , 1999, 38, 147-154.	1.6	12
78	First description of <i>Edwardsiella tarda</i> in Senegalese sole, <i>Solea senegalensis</i> (Kaup). <i>Journal of Fish Diseases</i> , 2012, 35, 79-82.	1.9	12
79	Temperature- and pH-sensitive IPNs grafted onto polyurethane by gamma radiation for antimicrobial drug-eluting insertable devices. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	12
80	Fatty acid profiles of "Pasteurella" <i>piscicida</i> : comparison with other fish pathogenic gram-negative bacteria. <i>Archives of Microbiology</i> , 1995, 163, 211-216.	2.2	12
81	Fatty acid profiles of ?Pasteurella? <i>piscicida</i> : comparison with other fish pathogenic gram-negative bacteria. <i>Archives of Microbiology</i> , 1995, 163, 211-216.	2.2	11
82	Insights into the virulence-related genes of <i>Edwardsiella tarda</i> isolated from turbot in Europe: genetic homogeneity and evidence for vibrioferrin production. <i>Journal of Fish Diseases</i> , 2016, 39, 565-576.	1.9	11
83	Population genetic and evolution analysis of controversial genus <i>Edwardsiella</i> by multilocus sequence typing. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 513-521.	2.7	11
84	A multiplex PCR for the simultaneous detection of <i>Tenacibaculum maritimum</i> and <i>Edwardsiella tarda</i> in aquaculture. <i>International Microbiology</i> , 2014, 17, 111-7.	2.4	10
85	Incidence of <i>Yersinia ruckeri</i> in two farms in Galicia (NW Spain) during a one-year period. <i>Journal of Fish Diseases</i> , 1994, 17, 533-539.	1.9	7
86	Evaluation of the selective and differential ET medium for detection of <i>Edwardsiella tarda</i> in aquaculture systems. <i>Letters in Applied Microbiology</i> , 2011, 53, 114-119.	2.2	7
87	Pathogenic Potential of <i>Edwardsiella tarda</i> Strains Isolated from Turbot. <i>Fish Pathology</i> , 2011, 46, 27-30.	0.7	5
88	First Isolation and Characterization of <i>Tenacibaculum soleae</i> from Sea Bass <i>Dicentrarchus labrax</i> . <i>Fish Pathology</i> , 2014, 49, 16-22.	0.7	5
89	Draft Genome Sequence of <i>Edwardsiella piscicida</i> Strain ACC35.1 Isolated from Diseased Turbot (<i>Scophthalmus maximus</i>) in Europe. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
90	<i>Vibrio mimicus</i> and <i>Vibrio cholerae</i> non-01 Isolated from Wild and Hatchery-Reared Fish.. <i>Fish Pathology</i> , 1993, 28, 15-26.	0.7	4

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91	Adherence and invasive capacities of the fish pathogen <i>Pasteurella piscicida</i> . <i>FEMS Microbiology Letters</i> , 1996, 138, 29-34.	1.8	3
92	Efficacy of Ciprofloxacin, Metronidazole and Minocycline in Ordered Mesoporous Silica against <i>Enterococcus faecalis</i> for Dental Pulp Revascularization: An In-Vitro Study. <i>Materials</i> , 2022, 15, 2266.	2.9	3
93	Draft Genome Sequence of the Fish Strain <i>Edwardsiella tarda</i> NCIMB 2034. <i>Genome Announcements</i> , 2017, 5, .	0.8	1