

Juan L Barja

List of Publications by Year in descending order

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63
papers

2,233
citations

218677

26
h-index

223800

46
g-index

63
all docs

63
docs citations

63
times ranked

1622
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic activity of epiphytic bacteria isolated from intertidal seaweeds. <i>Microbial Ecology</i> , 1985, 11, 149-163.	2.8	194
2	Pasteurellosis in cultured gilthead seabream (<i>Sparus aurata</i>): first report in Spain. <i>Aquaculture</i> , 1991, 99, 1-15.	3.5	143
3	Modified Medium for the Oxidation-Fermentation Test in the Identification of Marine Bacteria. <i>Applied and Environmental Microbiology</i> , 1985, 49, 1541-1543.	3.1	117
4	New Insights into Pathogenic Vibrios Affecting Bivalves in Hatcheries: Present and Future Prospects. <i>Frontiers in Microbiology</i> , 2017, 8, 762.	3.5	102
5	Review of probiotics for use in bivalve hatcheries. <i>Veterinary Microbiology</i> , 2010, 145, 187-197.	1.9	95
6	16S rRNA Gene Sequence Analysis of <i>Photobacterium damsela</i> and Nested PCR Method for Rapid Detection of the Causative Agent of Fish Pasteurellosis. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2942-2946.	3.1	94
7	Specificity of slide agglutination test for detecting bacterial fish pathogens. <i>Aquaculture</i> , 1987, 61, 81-97.	3.5	90
8	Pathogenic bacteria isolated from disease outbreaks in shellfish hatcheries. First description of <i>Vibrio neptunius</i> as an oyster pathogen. <i>Diseases of Aquatic Organisms</i> , 2005, 67, 209-215.	1.0	77
9	Virulence factors of bacteria pathogenic for coldwater fish. <i>Annual Review of Fish Diseases</i> , 1993, 3, 5-36.	1.0	73
10	Comparison between the bacterial flora associated with fingerling rainbow trout cultured in two different hatcheries in the North-West of Spain. <i>Aquaculture</i> , 1984, 42, 193-206.	3.5	72
11	Haemagglutinating, haemolytic and cytotoxic activities of <i>Vibrio anguillarum</i> and related vibrios isolated from striped bass on the Atlantic Coast. <i>FEMS Microbiology Letters</i> , 1983, 18, 257-262.	1.8	71
12	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
13	Association of <i>Aeromonas hydrophila</i> and <i>Vibrio alginolyticus</i> with Larval Mortalities of Scallop (<i>Argopecten purpuratus</i>). <i>Journal of Invertebrate Pathology</i> , 1996, 67, 213-218.	3.2	67
14	Adherence and invasive capacities of the fish pathogen <i>Pasteurella piscicida</i> . <i>FEMS Microbiology Letters</i> , 1996, 138, 29-34.	1.8	57
15	Population dynamics of heterotrophic bacterial communities associated with <i>Fucus vesiculosus</i> and <i>Ulva rigida</i> in an estuary. <i>Microbial Ecology</i> , 1988, 15, 345-357.	2.8	55
16	Inhibitory activity of <i>Phaeobacter</i> strains against aquaculture pathogenic bacteria. <i>International Microbiology</i> , 2009, 12, 107-114.	2.4	51
17	Toxicity of the extracellular products of <i>Vibrio damsela</i> isolated from diseased fish. <i>Current Microbiology</i> , 1993, 27, 341-347.	2.2	48
18	Characterization of pathogenic vibrios isolated from bivalve hatcheries in Galicia, NW Atlantic coast of Spain. Description of <i>Vibrio tubiashii</i> subsp. <i>europaensis</i> subsp. nov. <i>Systematic and Applied Microbiology</i> , 2015, 38, 26-29.	2.8	38

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19	Following the infection process of vibriosis in Manila clam (<i>Ruditapes philippinarum</i>) larvae through GFP-tagged pathogenic <i>Vibrio</i> species. <i>Journal of Invertebrate Pathology</i> , 2016, 133, 27-33.	3.2	38
20	Development of a PCR protocol for the detection of <i>Aeromonas salmonicida</i> in fish by amplification of the <i>fstA</i> (ferric siderophore receptor) gene. <i>Veterinary Microbiology</i> , 2008, 128, 386-394.	1.9	37
21	Optimization of an inactivated vaccine against a scuticociliate parasite of turbot: Effect of antigen, formalin and adjuvant concentration on antibody response and protection against the pathogen. <i>Aquaculture</i> , 2008, 278, 22-26.	3.5	37
22	Antiviral activity of antibiotic-producing marine bacteria. <i>Canadian Journal of Microbiology</i> , 1982, 28, 231-238.	1.7	36
23	Evaluation of Different Assay Systems for Identification of Environmental <i>Aeromonas</i> Strains. <i>Applied and Environmental Microbiology</i> , 1986, 51, 652-656.	3.1	32
24	Cell-Surface-Associated Properties of Fish Pathogenic Bacteria. <i>Journal of Aquatic Animal Health</i> , 1991, 3, 297-301.	1.4	30
25	Relationships among virulence for fish, enterotoxigenicity, and phenotypic characteristics of motile <i>Aeromonas</i> . <i>Aquaculture</i> , 1987, 67, 29-39.	3.5	29
26	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
27	<i>N</i> -Acyl Dehydrotyrosines, Tyrosinase Inhibitors from the Marine Bacterium <i>Thalassotalea</i> sp. PP2-459. <i>Journal of Natural Products</i> , 2016, 79, 447-450.	3.0	29
28	Mechanism of poliovirus inactivation by cell-free filtrates of marine bacteria. <i>Canadian Journal of Microbiology</i> , 1983, 29, 1481-1486.	1.7	27
29	<i>Vibrio ostreicida</i> sp. nov., a new pathogen of bivalve larvae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1641-1646.	1.7	26
30	Persistence of Antibiotic Resistant <i>Vibrio</i> spp. in Shellfish Hatchery Environment. <i>Microbial Ecology</i> , 2016, 72, 851-860.	2.8	26
31	<i>Vibrio bivalvicida</i> sp. nov., a novel larval pathogen for bivalve molluscs reared in a hatchery. <i>Systematic and Applied Microbiology</i> , 2016, 39, 8-13.	2.8	26
32	Presence of phospholipase-D (<i>dly</i>) gene coding for damselysin production is not a pre-requisite for pathogenicity in <i>Photobacterium damsela</i> subsp. <i>damsela</i> . <i>Microbial Pathogenesis</i> , 2000, 28, 119-126.	2.9	25
33	<i>Aliivibrio finisterrensis</i> sp. nov., isolated from Manila clam, <i>Ruditapes philippinarum</i> and emended description of the genus <i>Aliivibrio</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 223-228.	1.7	25
34	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.	0.7	23
35	Evolution of drug resistance and minimum inhibitory concentration to enrofloxacin in <i>Tenacibaculum maritimum</i> strains isolated in fish farms. <i>Aquaculture International</i> , 2008, 16, 1-11.	2.2	23
36	Marine environment as reservoir of birnaviruses from poikilothermic animals. <i>Aquaculture</i> , 1993, 115, 183-194.	3.5	22

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37	Reclassification of the larval pathogen for marine bivalves <i>Vibrio tubiashii</i> subsp. <i>europaeus</i> as <i>Vibrio europaeus</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4791-4796.	1.7	20
38	ASSOCIATION OF A MORAXELLA SP. AND A REO-LIKE VIRUS WITH MORTALITIES OF STRIPED BASS, MORONE SAXATILIS. , 1990, , 91-99.		18
39	The susceptibility of Irish-grown and Galician-grown Manila clams, <i>Ruditapes philippinarum</i> , to <i>Vibrio tapetis</i> and Brown Ring Disease. Journal of Invertebrate Pathology, 2007, 95, 1-8.	3.2	17
40	Relation of water temperature to infection of <i>Salmo gairdneri</i> with motile <i>Aeromonas</i> .. Fish Pathology, 1985, 20, 99-105.	0.7	17
41	Influence of the growth conditions on the hydrophobicity of <i>Renibacterium salmoninarum</i> evaluated by different methods. FEMS Microbiology Letters, 1989, 60, 71-78.	1.8	15
42	Isolation and Pathogenic Characterization of <i>Vibrio bivalvicida</i> Associated With a Massive Larval Mortality Event in a Commercial Hatchery of Scallop <i>Argopecten purpuratus</i> in Chile. Frontiers in Microbiology, 2019, 10, 855.	3.5	15
43	Encapsulation of live marine bacteria for use in aquaculture facilities and process evaluation using response surface methodology. Applied Microbiology and Biotechnology, 2020, 104, 1993-2006.	3.6	14
44	Replication and morphogenesis of the turbot aquareovirus (TRV) in cell culture. Aquaculture, 1998, 160, 47-62.	3.5	13
45	RELATIONSHIP AMONG PATHOGENIC <i>VIBRIO ANGUILLARUM</i> AND <i>VIBRIO TUBIASHII</i> WITH ENVIRONMENTAL <i>VIBRIOS</i> In memory of J. Bolinches, who died as a result of a car accident during the elaboration of the present work.. , 1990, , 77-89.		11
46	Detection of a Common Antigen among <i>Renibacterium salmoninarum</i> , <i>Corynebacterium aquaticum</i> , and <i>Carnobacterium piscicola</i> by the Western Blot Technique. Journal of Aquatic Animal Health, 1993, 5, 172-176.	1.4	8
47	Genetic transformation of <i>Vibrio anguillarum</i> and <i>Pasteurella piscicida</i> by electroporation. FEMS Microbiology Letters, 1995, 128, 75-80.	1.8	8
48	<i>Vibrio neptunius</i> Produces Piscibactin and Amphibactin and Both Siderophores Contribute Significantly to Virulence for Clams. Frontiers in Cellular and Infection Microbiology, 2021, 11, 750567.	3.9	8
49	The marine bivalve molluscs pathogen <i>Vibrio neptunius</i> produces the siderophore amphibactin, which is widespread in molluscs microbiota. Environmental Microbiology, 2020, 22, 5467-5482.	3.8	7
50	Evaluation of different culture media for the isolation and growth of the fastidious <i>Vibrio tapetis</i> , the causative agent of brown ring disease. Journal of Invertebrate Pathology, 2012, 111, 74-81.	3.2	4
51	First description outside Europe of the emergent pathogen <i>Vibrio europaeus</i> in shellfish aquaculture. Journal of Invertebrate Pathology, 2021, 180, 107542.	3.2	4
52	The Vibriolysin-Like Protease VnpA and the Collagenase ColA Are Required for Full Virulence of the Bivalve Mollusks Pathogen <i>Vibrio neptunius</i> . Antibiotics, 2021, 10, 391.	3.7	4
53	Adherence and invasive capacities of the fish pathogen <i>Pasteurella piscicida</i> . FEMS Microbiology Letters, 1996, 138, 29-34.	1.8	3
54	Detection of a vascular permeability factor in the extracellular products of <i>Renibacterium salmoninarum</i> . Microbial Pathogenesis, 1992, 13, 237-241.	2.9	2

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55	The detection of two antigenic groups among <i>Renibacterium salmoninarum</i> isolates. FEMS Microbiology Letters, 1992, 94, 105-110.	1.8	2
56	Draft Genome Sequence of the New Pathogen for Bivalve Larvae <i>Vibrio bivalvicida</i> . Genome Announcements, 2016, 4, .	0.8	2
57	Draft Genome Sequence of the Emerging Bivalve Pathogen <i>Vibrio tubiashii</i> subsp. <i>europaeus</i> . Genome Announcements, 2016, 4, .	0.8	2
58	Draft Genome Sequence of <i>Vibrio ostreicida</i> Strain PP-203, the Type Strain of a Pathogen That Infects Bivalve Larvae. Microbiology Resource Announcements, 2020, 9, .	0.6	2
59	Draft Genome Sequences of Five <i>Vibrio neptunius</i> Strains Isolated from Hatcheries of Bivalve Mollusks. Microbiology Resource Announcements, 2021, 10, .	0.6	1
60	Electrotransformation of <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . , 2000, , 175-181.		1
61	Comparative Study of Essential Oil Composition, Anti-bacterial And Antioxidant Activities of the Aerial Parts of <i>Thymus vulgaris</i> Grown in Morocco and France. Journal of Essential Oil-bearing Plants: JEOP, 2022, 25, 380-392.	1.9	1
62	Comparison of five fish rotaviruses by crossneutralization tests. Aquaculture, 1992, 107, 131-134.	3.5	0
63	Electrotransformation of <i>Yersinia ruckeri</i> . , 2000, , 127-133.		0