

Fernando Villate

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,339
citations

304743

22
h-index

377865

34
g-index

55
all docs

55
docs citations

55
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	Is metabarcoding suitable for estuarine plankton monitoring? A comparative study with microscopy. <i>Marine Biology</i> , 2016, 163, 1.	1.5	101
2	A comparison of anchovy (<i>Engraulis encrasicolus</i>) and sardine (<i>Sardina pilchardus</i>) larvae feeding in the Northwest Mediterranean: influence of prey availability and ontogeny. <i>ICES Journal of Marine Science</i> , 2010, 67, 897-908.	2.5	96
3	Effects of pollution on zooplankton abundance and distribution in two estuaries of the Basque coast (Bay of Biscay). <i>Marine Pollution Bulletin</i> , 2004, 49, 220-228.	5.0	75
4	Anthropogenic influence on the organic fraction of sediments in two contrasting estuaries: A biochemical approach. <i>Marine Pollution Bulletin</i> , 2006, 52, 404-414.	5.0	74
5	The role of oceanographic conditions and plankton availability in larval fish assemblages off the Catalan coast (NW Mediterranean). <i>Fisheries Oceanography</i> , 2010, 19, 209-229.	1.7	61
6	Trophic ecology of bullet tuna <i>Auxis rochei</i> larvae and ontogeny of feeding-related organs. <i>Marine Ecology - Progress Series</i> , 2008, 353, 243-254.	1.9	55
7	Plankton responses to hydrological changes induced by Freshets in a shallow mesotidal estuary. <i>Estuarine, Coastal and Shelf Science</i> , 1992, 35, 425-434.	2.1	39
8	Diet of round sardinella, <i>Sardinella aurita</i> , larvae in relation to plankton availability in the NW Mediterranean. <i>Journal of Plankton Research</i> , 2008, 30, 807-816.	1.8	39
9	Feeding selectivity in larvae of the European hake (<i>Merluccius merluccius</i>) in relation to ontogeny and visual capabilities. <i>Marine Biology</i> , 2011, 158, 1349-1361.	1.5	39
10	Dissolved oxygen in the rehabilitation phase of an estuary: Influence of sewage pollution abatement and hydro-climatic factors. <i>Marine Pollution Bulletin</i> , 2013, 70, 234-246.	5.0	37
11	Differences in the abundance and distribution of copepods in two estuaries of the Basque coast (Bay) Tj ETQq1 1 0,784314 rgBT /Over	1.8	36
12	Microzooplankton grazing in the Estuary of Mundaka, Spain, and its impact on phytoplankton distribution along the salinity gradient. <i>Aquatic Microbial Ecology</i> , 1998, 14, 281-288.	1.8	34
13	Zooplankton communities in two contrasting Basque estuaries (1999-2001): reporting changes associated with ecosystem health. <i>Journal of Plankton Research</i> , 2009, 31, 739-752.	1.8	33
14	Response of <i>Acartia</i> populations to environmental variability and effects of invasive congeners in the estuary of Bilbao, Bay of Biscay. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 621-628.	2.1	33
15	Health status of the Bilbao estuary: A review of data from a multidisciplinary approach. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 179, 124-134.	2.1	33
16	Day-to-day variability in the plankton community of a coastal shallow embayment in response to changes in river runoff and water turbulence. <i>Estuarine, Coastal and Shelf Science</i> , 1990, 31, 217-229.	2.1	28
17	Mesozooplankton community indicates climate changes in a shelf area of the inner Bay of Biscay throughout 1988 to 1990. <i>Journal of Plankton Research</i> , 1997, 19, 1617-1636.	1.8	28
18	Annual cycle of zooplankton community in the Abra Harbour (Bay of Biscay): abundance, composition and size spectra. <i>Journal of Plankton Research</i> , 1991, 13, 691-706.	1.8	27

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19	Zooplankton recolonization of the inner estuary of Bilbao: influence of pollution abatement, climate and non-indigenous species. <i>Journal of Plankton Research</i> , 2016, 38, 718-731.	1.8	27
20	Dissolved oxygen in contrasting estuaries of the Bay of Biscay: effects of temperature, river discharge and chlorophyll a. <i>Marine Ecology - Progress Series</i> , 2010, 418, 57-71.	1.9	26
21	Egg production of the copepod <i>Acartia bifilosa</i> in two contrasting European estuaries in relation to seston composition. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 274, 1-17.	1.5	24
22	Dissolved Oxygen in a Temperate Estuary: the Influence of Hydro-climatic Factors and Eutrophication at Seasonal and Inter-annual Time Scales. <i>Estuaries and Coasts</i> , 2015, 38, 1000-1015.	2.2	23
23	Axial variability in the relationship of chlorophyll a with climatic factors and the North Atlantic Oscillation in a Basque coast estuary, Bay of Biscay (1997-2006). <i>Journal of Plankton Research</i> , 2008, 30, 1041-1049.	1.8	21
24	Size-related response of zooplankton to hydroclimatic variability and water-quality in an organically polluted estuary of the Basque coast (Bay of Biscay). <i>Journal of Marine Systems</i> , 2012, 94, 87-96.	2.1	20
25	Reproductive response of <i>Euterpina acutifrons</i> in two estuaries of the Basque Country (Bay of Biscay) with contrasting nutritional environment. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 292, 213-230.	1.5	19
26	Influence of the North Atlantic Oscillation (NAO) on climatic factors and estuarine water temperature on the Basque coast (Bay of Biscay): Comparative analysis of three seasonal NAO indices. <i>Continental Shelf Research</i> , 2009, 29, 750-758.	1.8	19
27	Seasonal and axial variations of net water circulation and turnover in the estuary of Bilbao. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 150, 312-324.	2.1	18
28	Egg production of <i>Acartia bifilosa</i> in the small temperate estuary of Mundaka, Spain, in relation to environmental variables and population development. <i>Marine Ecology - Progress Series</i> , 1998, 166, 197-205.	1.9	18
29	WGEUROBUS “ Working Group “Towards a EUROpean OBServatory of the non-indigenous calanoid copepod <i>Pseudodiaptomus marinus</i> ”. <i>Biological Invasions</i> , 2020, 22, 885-906.	2.4	17
30	Zooplankton seasonality across a latitudinal gradient in the Northeast Atlantic Shelves Province. <i>Continental Shelf Research</i> , 2018, 160, 49-62.	1.8	16
31	Size-fractionated seston abundance and biochemical composition, over the anchovy spawning period in the Basque shelf (Bay of Biscay), during years 2000 and 2001. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 341, 45-59.	1.5	15
32	Zooplankton variability at four monitoring sites of the Northeast Atlantic Shelves differing in latitude and trophic status. <i>Journal of Plankton Research</i> , 2017, 39, 891-909.	1.8	15
33	First evidences of <i>Acartia bifilosa</i> resting eggs in sediments of the Urdaibai estuary (Bay of Biscay). <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 39, 1010-1014.	1.0	15
34	Temporal variability of the spatial distribution of the zooplankton community in a coastal embayment of the basque country in relation to physical phenomena. <i>Hydrobiologia</i> , 1994, 288, 79-95.	2.0	14
35	Insights on the origin of invasive copepods colonizing Basque estuaries; a DNA barcoding approach. <i>Marine Biodiversity Records</i> , 2016, 9, .	1.2	14
36	Seasonal and interannual variability of mesozooplankton in two contrasting estuaries of the Bay of Biscay: Relationship to environmental factors. <i>Journal of Sea Research</i> , 2017, 130, 189-203.	1.6	14

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37	Response of copepod communities to ocean warming in three time-series across the North Atlantic and Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2020, 636, 47-61.	1.9	14
38	Biochemical composition and condition in anchovy larvae <i>Engraulis encrasicolus</i> during growth. <i>Marine Ecology - Progress Series</i> , 2008, 361, 227-238.	1.9	13
39	Composition, vertical distribution and age of zooplankton benthic eggs in the sediments of two contrasting estuaries of the Bay of Biscay. <i>Hydrobiologia</i> , 2004, 518, 201-212.	2.0	11
40	Effects of estuarine conditions and organic enrichment on the fecundity and hatching success of <i>Acartia clausi</i> in contrasting systems. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 320, 105-122.	1.5	10
41	Herbivory of nanozooplankton in polyhaline and euhaline zones of a small temperate estuarine system (Estuary of Mundaka): seasonal variations. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 227, 265-279.	1.5	9
42	Zooplankton communities. Elsevier Oceanography Series, 2004, 70, 395-423.	0.1	8
43	Spatial variations in size, weight and condition factor of the females of <i>Acartia clausi</i> (Copepoda: Tj ETQq1 1 0.784314 rgBT /Overload). <i>Hydrobiologia</i> , 2006, 571, 329-339.	2.0	8
44	Growth maximization in early sardine larvae: a metabolic approach. <i>Marine Biology</i> , 2011, 158, 1135-1148.	1.5	8
45	Mesoscale structure of microplankton and mesoplankton assemblages under contrasting oceanographic conditions in the Catalan Sea (NW Mediterranean). <i>Journal of Marine Systems</i> , 2014, 139, 9-26.	2.1	8
46	Latitude, distance offshore and local environmental features as modulators of zooplankton assemblages across the NE Atlantic Shelves Province. <i>Journal of Plankton Research</i> , 2019, 41, 293-308.	1.8	8
47	Differences in the colonization success and impact of non-indigenous and other expanding copepod species on the zooplankton of two contrasting estuaries of the Bay of Biscay. <i>Biological Invasions</i> , 2020, 22, 3239-3267.	2.4	8
48	Assessment of the climate and human impact on estuarine water environments in two estuaries of the Bay of Biscay. <i>Oceanological and Hydrobiological Studies</i> , 2016, 45, 505-523.	0.7	7
49	Biochemical composition and somatic growth of pelagic larvae of three fish species from the Bay of Biscay. <i>Marine Ecology - Progress Series</i> , 2009, 382, 173-183.	1.9	6
50	Diet variability in European anchovy: a comparative analysis between larval populations of the inner Bay of Biscay and the NW Mediterranean. <i>Hydrobiologia</i> , 2017, 790, 49-65.	2.0	5
51	Shifts in neritic copepod communities off the Basque coast (southeastern Bay of Biscay) between 1998 and 2015. <i>ICES Journal of Marine Science</i> , 2022, 79, 830-843.	2.5	5
52	Opposite phenological responses of zooplankton to climate along a latitudinal gradient through the European Shelf. <i>ICES Journal of Marine Science</i> , 2021, 78, 1090-1107.	2.5	4
53	Response of native and non-indigenous zooplankton to inherent system features and management in two Basque estuaries: A niche decomposition approach. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 272, 107878.	2.1	3
54	Editorial: Changing ecosystems: New findings in the Bay of Biscay. <i>Journal of Sea Research</i> , 2017, 130, 1-6.	1.6	1