

Natividade R Vieira

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,884
citations

218381

26
h-index

301761

39
g-index

82
all docs

82
docs citations

82
times ranked

2426
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of acute exposure of Hg and Zn on survival of native and invasive <i>Artemia</i> from wild populations exposed to different degrees of environmental contamination. <i>Ecological Indicators</i> , 2020, 118, 106739.	2.6	2
2	Assessing the ecological status of a Mediterranean river: benthic invertebrates and diatoms as complementary bioindicators. , 2020, 39, 299-315.		3
3	Assessing the ecological status of fluvial ecosystems employing a macroinvertebrate multi-taxon and multi-biomarker approach. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 503.	1.3	3
4	Assessing the ecological status of small Mediterranean rivers using benthic macroinvertebrates and macrophytes as indicators. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 596.	1.3	12
5	Combining biomarker and community approaches using benthic macroinvertebrates can improve the assessment of the ecological status of rivers. <i>Hydrobiologia</i> , 2019, 839, 1-24.	1.0	16
6	Uptake and effects of different concentrations of spherical polymer microparticles on <i>Artemia franciscana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 211-218.	2.9	30
7	Microplastic pollution in commercial salt for human consumption: A review. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 161-168.	0.9	205
8	The last frontier: Coupling technological developments with scientific challenges to improve hazard assessment of deep-sea mining. <i>Science of the Total Environment</i> , 2018, 627, 1505-1514.	3.9	25
9	High temperatures disrupt <i>Artemia franciscana</i> mating patterns and impact sexual selection intensity. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 209-214.	0.9	5
10	Treatment of a textile effluent by adsorption with cork granules and titanium dioxide nanomaterial. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 524-536.	0.9	9
11	Determination of water quality, toxicity and estrogenic activity in a nearshore marine environment in Rio de Janeiro, Southeastern Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 197-202.	2.9	33
12	River water analysis using a multiparametric approach: Portuguese river as a case study. <i>Journal of Water and Health</i> , 2018, 16, 991-1006.	1.1	4
13	Parabolic variation in sexual selection intensity across the range of a coldâ€water pipefish: implications for susceptibility to climate change. <i>Global Change Biology</i> , 2017, 23, 3600-3609.	4.2	16
14	Toxic potential of organic constituents of submicron particulate matter (PM1) in an urban road site (Barcelona). <i>Environmental Science and Pollution Research</i> , 2017, 24, 15406-15415.	2.7	10
15	Pregnant pipefish with a simple brooding surface loose less weight when carrying heavier eggs: evidence of compensation for low oocyte quality?. <i>Acta Ethologica</i> , 2017, 20, 313-317.	0.4	1
16	The lek mating system of the worm pipefish (<i>Nerophis lumbriciformis</i>): a molecular maternity analysis and test of the phenotypeâ€linked fertility hypothesis. <i>Molecular Ecology</i> , 2017, 26, 1371-1385.	2.0	13
17	Endocrine Disrupting Compounds in Lotic Ecosystems: A Review on Its Occurrence, Sources and Effects on <i>Chironomus riparius</i> . <i>Environment Pollution and Climate Change</i> , 2017, 01, .	0.1	0
18	Occurrence and Impacts of Microplastics in Freshwater Fish. <i>Journal of Aquaculture & Marine Biology</i> , 2017, 5, .	0.2	13

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19	Toxicological impact of cadmium-based quantum dots towards aquatic biota: Effect of natural sunlight exposure. <i>Aquatic Toxicology</i> , 2016, 176, 197-207.	1.9	21
20	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016, 545-546, 163-170.	3.9	26
21	Differential embryotoxicity of the organic pollutants in rural and urban air particles. <i>Environmental Pollution</i> , 2015, 206, 535-542.	3.7	33
22	Validating the use of colouration patterns for individual recognition in the worm pipefish using a novel set of microsatellite markers. <i>Molecular Ecology Resources</i> , 2014, 14, 150-156.	2.2	13
23	Portuguese native <i>Artemia parthenogenetica</i> resisting invasion by <i>Artemia franciscana</i> – Assessing reproductive parameters under different environmental conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 145, 1-8.	0.9	6
24	Bioremediation of an Iron-Rich Mine Effluent by <i>Lemna minor</i> . <i>International Journal of Phytoremediation</i> , 2014, 16, 1228-1240.	1.7	29
25	Toxicity of atmospheric particle-bound PAHs: an environmental perspective. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11623-11633.	2.7	33
26	Portuguese native <i>Artemia parthenogenetica</i> and <i>Artemia franciscana</i> survival under different abiotic conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 81-89.	0.7	15
27	Estrogenic chemical effects are independent from the degree of sex role reversal in pipefish. <i>Journal of Hazardous Materials</i> , 2013, 263, 746-753.	6.5	15
28	Operational sex ratio, reproductive costs, and the potential for intrasexual competition. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 477-484.	0.7	8
29	A real-time PCR assay for differential expression of vitellogenin I and II genes in the liver of the sentinel fish species <i>Lipophrys pholis</i> . <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 591-597.	1.3	2
30	Artisanal Salina ? Unique Wetland Habitats Worth Preserving. <i>Journal of Marine Science: Research & Development</i> , 2013, 4, .	0.4	3
31	Spacial and Temporal Variation of Degradation of Organic Matter by Benthic Macroinvertebrates. <i>Journal of Environmental Protection</i> , 2013, 04, 1-8.	0.3	0
32	Surviving an Invasion: Characterization of One of the Last Refugia for <i>Artemia</i> Diploid Parthenogenetic Strains. <i>Wetlands</i> , 2012, 32, 1079-1090.	0.7	7
33	Can season interfere with diatom ecological quality assessment?. <i>Hydrobiologia</i> , 2012, 695, 223-232.	1.0	9
34	The annual cycle of oogenesis in the shanny, <i>Lipophrys pholis</i> (Pisces: Blenniidae). <i>Scientia Marina</i> , 2012, 76, 273-280.	0.3	6
35	Pliocene flora from S. Pedro da Torre deposits (Minho, NW Portugal). <i>Geodiversitas</i> , 2011, 33, 71-85.	0.2	20
36	Evolution in the provenance of a tectonically controlled Pliocene alluvial system between the Variscan Iberian Massif and the Atlantic margin, Portugal. <i>Chemie Der Erde</i> , 2011, 71, 267-278.	0.8	6

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37	The unpredictable effects of mixtures of androgenic and estrogenic chemicals on fish early life. <i>Environment International</i> , 2011, 37, 418-424.	4.8	49
38	Spatial and temporal variability of water quality and zooplankton in an artisanal salina. <i>Journal of Sea Research</i> , 2011, 65, 293-303.	0.6	22
39	Phylogeography of the shanny <i>Lipophrys pholis</i> (Pisces: Blenniidae) in the NE Atlantic records signs of major expansion event older than the last glaciation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 403, 14-20.	0.7	30
40	Drifting towards the surface: A shift in newborn pipefish's vertical distribution when exposed to the synthetic steroid ethinylestradiol. <i>Chemosphere</i> , 2011, 84, 618-624.	4.2	10
41	Rapid-behaviour responses as a reliable indicator of estrogenic chemical toxicity in zebrafish juveniles. <i>Chemosphere</i> , 2011, 85, 1543-1547.	4.2	26
42	The annual cycle of spermatogenesis in <i>Lipophrys pholis</i> (Blenniidae), a recently proposed sentinel species for pollution monitoring. <i>Ichthyological Research</i> , 2011, 58, 360-365.	0.5	10
43	Artisanal salt production in Aveiro/Portugal - an ecofriendly process. <i>Saline Systems</i> , 2011, 7, 3.	2.0	42
44	The Cenozoic vegetation of the Iberian Peninsula: A synthesis. <i>Review of Palaeobotany and Palynology</i> , 2010, 162, 382-402.	0.8	116
45	Reversing sex role reversal: compete only when you must. <i>Animal Behaviour</i> , 2010, 79, 885-893.	0.8	26
46	Sexing blennies using genital papilla morphology or ano-genital distance. <i>Journal of Fish Biology</i> , 2010, 77, 1432-1438.	0.7	13
47	Bio-manipulation of Furnas Lake, Azores: effects of repeated fish removal. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2009, 30, 1207-1209.	0.1	1
48	Female reproductive tactics in a sex-role reversed pipefish: scanning for male quality and number. <i>Behavioral Ecology</i> , 2009, 20, 768-772.	1.0	13
49	Phylogeography and demographic history of <i>Atherina presbyter</i> (Pisces: Atherinidae) in the North-eastern Atlantic based on mitochondrial DNA. <i>Marine Biology</i> , 2009, 156, 1421-1432.	0.7	24
50	Vitellogenin gene expression in the intertidal blenny <i>Lipophrys pholis</i> : A new sentinel species for estrogenic chemical pollution monitoring in the European Atlantic coast?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 58-64.	1.3	11
51	Organotin levels in seafood from Portuguese markets and the risk for consumers. <i>Chemosphere</i> , 2009, 75, 661-666.	4.2	43
52	Disruption of zebrafish (<i>Danio rerio</i>) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. <i>Aquatic Toxicology</i> , 2009, 95, 330-338.	1.9	102
53	Can the limited marsupium space be a limiting factor for <i>Syngnathus abaster</i> females? Insights from a population with size-assortative mating. <i>Journal of Animal Ecology</i> , 2008, 77, 390-394.	1.3	11
54	The effect of temperature on mate preferences and female-female interactions in <i>Syngnathus abaster</i> . <i>Animal Behaviour</i> , 2007, 74, 1525-1533.	0.8	30

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55	Organotin contamination in the Atlantic Ocean off the Iberian Peninsula in relation to shipping. <i>Chemosphere</i> , 2006, 64, 1100-1108.	4.2	39
56	Triphenyltin and tributyltin, single and in combination, promote imposex in the gastropod <i>Bolinus brandaris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2006, 64, 155-162.	2.9	45
57	Reproductive behaviour of the black-striped pipefish <i>Syngnathus abaster</i> (Pisces; Syngnathidae). <i>Journal of Fish Biology</i> , 2006, 69, 1860-1869.	0.7	27
58	Early life history of <i>Syngnathus abaster</i> . <i>Journal of Fish Biology</i> , 2006, 68, 80-86.	0.7	25
59	Reproductive migrations of the sex role reversed pipefish <i>Nerophis lumbriciformis</i> (Pisces; Syngnathidae). <i>Journal of Fish Biology</i> , 2006, 69, 1860-1869.	0.7	38
60	Genetic structure and historical demography of the shanny <i>Lipophrys pholis</i> in the Portuguese coast based on mitochondrial DNA analysis. <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 288-292.	1.2	12
61	Contrasts in genetic structure and historical demography of marine and riverine populations of <i>Atherina</i> at similar geographical scales. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 655-661.	0.9	20
62	Development and early life history behaviour of aquarium reared <i>Syngnathus acus</i> (Pisces; Syngnathidae). <i>Journal of Fish Biology</i> , 2006, 69, 1860-1869.	0.4	6
63	Diet preference reflects the ontogenetic shift in microhabitat use in <i>Lipophrys pholis</i> . <i>Journal of Fish Biology</i> , 2005, 67, 102-113.	0.7	34
64	Temporal patterns of breeding and recruitment in <i>Nerophis lumbriciformis</i> (Pisces; Syngnathidae) related to seawater temperatures. <i>Journal of Fish Biology</i> , 2005, 67, 1475-1480.	0.7	6
65	Homing behaviour and individual identification of the pipefish <i>Nerophis lumbriciformis</i> (Pisces; Syngnathidae). <i>Journal of Fish Biology</i> , 2005, 67, 102-113.	0.9	17
66	Implications of different brood pouch structures in syngnathid reproduction. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1235-1241.	0.4	36
67	New insights into the mechanism of imposex induction in the dogwhelk <i>Nucella lapillus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 101-109.	1.3	40
68	Imposex and butyltin contamination off the Oporto Coast (NW Portugal): a possible effect of the discharge of dredged material. <i>Environment International</i> , 2004, 30, 793-798.	4.8	35
69	Measuring lysosomal stability as an effective tool for marine coastal environmental monitoring. <i>Marine Environmental Research</i> , 2004, 58, 741-745.	1.1	30
70	Early life history of the pipefish <i>Nerophis lumbriciformis</i> (Pisces; Syngnathidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 1179-1182.	0.4	24
71	Imposex in <i>Nucella lapillus</i> , a bioindicator for TBT contamination: re-survey along the Portuguese coast to monitor the effectiveness of EU regulation. <i>Journal of Sea Research</i> , 2002, 48, 217-223.	0.6	70
72	Cytochrome P450 differences in normal and imposex-affected female whelk <i>Buccinum undatum</i> from the open North Sea. <i>Marine Environmental Research</i> , 2002, 54, 661-665.	1.1	36

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73	Activity rhythms and cyclical changes of microhabitat preferences in the intertidal pipefish <i>Nerophis lumbriciformis</i> (Pisces: Syngnathidae). <i>Acta Ethologica</i> , 2002, 5, 39-43.	0.4	9
74	The courtship behaviour of the pipefish <i>Nerophis lumbriciformis</i> : reflections of an adaptation to intertidal life. <i>Acta Ethologica</i> , 2002, 4, 109-111.	0.4	32
75	The breeding ecology of the pipefish <i>Nerophis lumbriciformis</i> and its relation to latitude and water temperature. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 1031-1033.	0.4	24
76	Imposex in the Dogwhelk <i>Nucella lapillus</i> (L.) along the Portuguese Coast. <i>Marine Pollution Bulletin</i> , 2000, 40, 643-646.	2.3	24
77	The invertebrate benthic community of two solar salt ponds in Aveiro, Portugal. <i>International Journal of Salt Lake Research</i> , 1996, 5, 281-286.	0.1	12
78	Fluctuation in the zooplankton community in two solar salt ponds, Aveiro, Portugal. <i>International Journal of Salt Lake Research</i> , 1995, 4, 327-333.	0.1	5
79	Variation in chlorophylla concentrations and Margalef's index of pigment diversity in two solar salt ponds, Aveiro, Portugal. <i>International Journal of Salt Lake Research</i> , 1993, 2, 41-45.	0.1	3
80	Bradykinin-potentiating activity in human serum. <i>Agents and Actions</i> , 1973, 3, 275-277.	0.7	1