Natividade R Vieira

List of Publications by Year
in descending order

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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	Microplastic pollution in commercial salt for human consumption: A review. Estuarine, Coastal and Shelf Science, 2019, 219, 161-168.	0.9	205
2	The Cenozoic vegetation of the Iberian Peninsula: A synthesis. Review of Palaeobotany and Palynology, 2010, 162, 382-402.	0.8	116
3	Disruption of zebrafish (Danio rerio) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. Aquatic Toxicology, 2009, 95, 330-338.	1.9	102
4	Imposex in Nucella lapillus, a bioindicator for TBT contamination: re-survey along the Portuguese coast to monitor the effectiveness of EU regulation. Journal of Sea Research, 2002, 48, 217-223.	0.6	70
5	The unpredictable effects of mixtures of androgenic and estrogenic chemicals on fish early life. Environment International, 2011, 37, 418-424.	4.8	49
6	Triphenyltin and tributyltin, single and in combination, promote imposex in the gastropod Bolinus brandaris. Ecotoxicology and Environmental Safety, 2006, 64, 155-162.	2.9	45
7	Organotin levels in seafood from Portuguese markets and the risk for consumers. Chemosphere, 2009, 75, 661-666.	4.2	43
8	Artisanal salt production in Aveiro/Portugal - an ecofriendly process. Saline Systems, 2011, 7, 3.	2.0	42
9	New insights into the mechanism of imposex induction in the dogwhelk Nucella lapillus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 101-109.	1.3	40
10	Organotin contamination in the Atlantic Ocean off the Iberian Peninsula in relation to shipping. Chemosphere, 2006, 64, 1100-1108.	4.2	39
11	Reproductive migrations of the sex role reversed pipefish Nerophis lumbriciformis(Pisces;) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	38
12	Cytochrome P450 differences in normal and imposex-affected female whelk Buccinum undatum from the open North Sea. Marine Environmental Research, 2002, 54, 661-665.	1.1	36
13	implications of different brood pouch structures in syngnathid reproduction. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 1235-1241.	0.4	36
14	Imposex and butyltin contamination off the Oporto Coast (NW Portugal): a possible effect of the discharge of dredged material. Environment International, 2004, 30, 793-798.	4.8	35
15	Diet preference reflects the ontogenetic shift in microhabitat use in Lipophrys pholis. Journal of Fish Biology, 2005, 67, 102-113.	0.7	34
16	Toxicity of atmospheric particle-bound PAHs: an environmental perspective. Environmental Science and Pollution Research, 2014, 21, 11623-11633.	2.7	33
17	Differential embryotoxicity of the organic pollutants in rural andÂurban air particles. Environmental Pollution, 2015, 206, 535-542.	3.7	33
18	Determination of water quality, toxicity and estrogenic activity in a nearshore marine environment in Rio de Janeiro, Southeastern Brazil. Ecotoxicology and Environmental Safety, 2018, 149, 197-202.	2.9	33

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19	The courtship behaviour of the pipefish Nerophis lumbriciformis : reflections of an adaptation to intertidal life. Acta Ethologica, 2002, 4, 109-111.	0.4	32
20	Measuring lysosomal stability as an effective tool for marine coastal environmental monitoring. Marine Environmental Research, 2004, 58, 741-745.	1.1	30
21	The effect of temperature on mate preferences and femaleâ€“female interactions in Syngnathus abaster. Animal Behaviour, 2007, 74, 1525-1533.	0.8	30
22	Phylogeography of the shanny Lipophrys pholis (Pisces: Blenniidae) in the NE Atlantic records signs of major expansion event older than the last glaciation. Journal of Experimental Marine Biology and Ecology, 2011, 403, 14-20.	0.7	30
23	Uptake and effects of different concentrations of spherical polymer microparticles on Artemia franciscana. Ecotoxicology and Environmental Safety, 2019, 176, 211-218.	2.9	30
24	Bioremediation of an Iron-Rich Mine Effluent byLemna minor. International Journal of Phytoremediation, 2014, 16, 1228-1240.	1.7	29
25	Reproductive behaviour of the black-striped pipefish Syngnathus abaster (Pisces; Syngnathidae). Journal of Fish Biology, 2006, 69, 1860-1869.	0.7	27
26	Reversing sex role reversal: compete only when you must. Animal Behaviour, 2010, 79, 885-893.	0.8	26
27	Rapid-behaviour responses as a reliable indicator of estrogenic chemical toxicity in zebrafish juveniles. Chemosphere, 2011, 85, 1543-1547.	4.2	26
28	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. Science of the Total Environment, 2016, 545-546, 163-170.	3.9	26
29	Early life history of Syngnathus abaster. Journal of Fish Biology, 2006, 68, 80-86.	0.7	25
30	The last frontier: Coupling technological developments with scientific challenges to improve hazard assessment of deep-sea mining. Science of the Total Environment, 2018, 627, 1505-1514.	3.9	25
31	Imposex in the Dogwhelk Nucella lapillus (L.) along the Portuguese Coast. Marine Pollution Bulletin, 2000, 40, 643-646.	2.3	24
32	The breeding ecology of the pipefish Nerophis lumbriciformis and its relation to latitude and water temperature. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 1031-1033.	0.4	24
33	Early life history of the pipefish Nerophis lumbriciformis (Pisces: Syngnathidae). Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 1179-1182.	0.4	24
34	Phylogeography and demographic history of Atherina presbyter (Pisces: Atherinidae) in the North-eastern Atlantic based on mitochondrial DNA. Marine Biology, 2009, 156, 1421-1432.	0.7	24
35	Spatial and temporal variability of water quality and zooplankton in an artisanal salina. Journal of Sea Research, 2011, 65, 293-303.	0.6	22
36	Toxicological impact of cadmium-based quantum dots towards aquatic biota: Effect of natural sunlight exposure. Aquatic Toxicology, 2016, 176, 197-207.	1.9	21

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37	Contrasts in genetic structure and historical demography of marine and riverine populations of Atherina at similar geographical scales. Estuarine, Coastal and Shelf Science, 2006, 69, 655-661.	0.9	20
38	Pliocene flora from S. Pedro da Torre deposits (Minho, NW Portugal). Geodiversitas, 2011, 33, 71-85.	0.2	20
39	Homing behaviour and individual identification of the pipefish Nerophis lumbriciformis (Pisces;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	17
40	Parabolic variation in sexual selection intensity across the range of a coldâ€water pipefish: implications for susceptibility to climate change. Global Change Biology, 2017, 23, 3600-3609.	4.2	16
41	Combining biomarker and community approaches using benthic macroinvertebrates can improve the assessment of the ecological status of rivers. Hydrobiologia, 2019, 839, 1-24.	1.0	16
42	Portuguese native Artemia parthenogenetica and Artemia franciscana survival under different abiotic conditions. Journal of Experimental Marine Biology and Ecology, 2013, 440, 81-89.	0.7	15
43	Estrogenic chemical effects are independent from the degree of sex role reversal in pipefish. Journal of Hazardous Materials, 2013, 263, 746-753.	6.5	15
44	Female reproductive tactics in a sex-role reversed pipefish: scanning for male quality and number. Behavioral Ecology, 2009, 20, 768-772.	1.0	13
45	Sexing blennies using genital papilla morphology or anoâ€genital distance. Journal of Fish Biology, 2010, 77, 1432-1438.	0.7	13
46	Validating the use of colouration patterns for individual recognition in the worm pipefish using a novel set of microsatellite markers. Molecular Ecology Resources, 2014, 14, 150-156.	2.2	13
47	The lek mating system of the worm pipefish (Nerophis lumbriciformis): a molecular maternity analysis and test of the phenotypeâ€linked fertility hypothesis. Molecular Ecology, 2017, 26, 1371-1385.	2.0	13
48	Occurrence and Impacts of Microplastics in Freshwater Fish. Journal of Aquaculture & Marine Biology, 2017, 5, .	0.2	13
49	The invertebrate benthic community of two solar salt ponds in Aveiro, Portugal. International Journal of Salt Lake Research, 1996, 5, 281-286.	0.1	12
50	Genetic structure and historical demography of the shanny Lipophrys pholis in the Portuguese coast based on mitochondrial DNA analysis. Molecular Phylogenetics and Evolution, 2006, 39, 288-292.	1.2	12
51	Assessing the ecological status of small Mediterranean rivers using benthic macroinvertebrates and macrophytes as indicators. Environmental Monitoring and Assessment, 2019, 191, 596.	1.3	12
52	Can the limited marsupium space be a limiting factor for Syngnathus abaster females? Insights from a population with size-assortative mating. Journal of Animal Ecology, 2008, 77, 390-394.	1.3	11
53	Vitellogenin gene expression in the intertidal blenny Lipophrys pholis: A new sentinel species for estrogenic chemical pollution monitoring in the European Atlantic coast?. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 58-64.	1.3	11
54	Drifting towards the surface: A shift in newborn pipefishâ€™s vertical distribution when exposed to the synthetic steroid ethinylestradiol. Chemosphere, 2011, 84, 618-624.	4.2	10

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55	The annual cycle of spermatogenesis in Lipophrys pholis (Blenniidae), a recently proposed sentinel species for pollution monitoring. Ichthyological Research, 2011, 58, 360-365.	0.5	10
56	Toxic potential of organic constituents of submicron particulate matter (PM1) in an urban road site (Barcelona). Environmental Science and Pollution Research, 2017, 24, 15406-15415.	2.7	10
57	Activity rhythms and cyclical changes of microhabitat preferences in the intertidal pipefish Nerophis lumbriciformis (Pisces: Syngnathidae). Acta Ethologica, 2002, 5, 39-43.	0.4	9
58	Can season interfere with diatom ecological quality assessment?. Hydrobiologia, 2012, 695, 223-232.	1.0	9
59	Treatment of a textile effluent by adsorption with cork granules and titanium dioxide nanomaterial. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 524-536.	0.9	9
60	Operational sex ratio, reproductive costs, and the potential for intrasexual competition. Biological Journal of the Linnean Society, 2013, 110, 477-484.	0.7	8
61	Surviving an Invasion: Characterization of One of the Last Refugia for Artemia Diploid Parthenogenetic Strains. Wetlands, 2012, 32, 1079-1090.	0.7	7
62	Temporal patterns of breeding and recruitment in Nerophis lumbriciformis(Pisces; Syngnathidae) related to seawater temperatures. Journal of Fish Biology, 2005, 67, 1475-1480.	0.7	6
63	Development and early life history behaviour of aquarium reared Syngnathus acus (Pisces:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.4	6
64	Evolution in the provenance of a tectonically controlled Plioâ€“Pleistocene alluvial system between the Variscan Iberian Massif and the Atlantic margin, Portugal. Chemie Der Erde, 2011, 71, 267-278.	0.8	6
65	Portuguese native Artemia parthenogenetica resisting invasion by Artemia franciscana â€" Assessing reproductive parameters under different environmental conditions. Estuarine, Coastal and Shelf Science, 2014, 145, 1-8.	0.9	6
66	The annual cycle of oogenesis in the shanny, Lipophrys pholis (Pisces: Blenniidae). Scientia Marina, 2012, 76, 273-280.	0.3	6
67	Fluctuation in the zooplankton community in two solar salt ponds, Aveiro, Portugal. International Journal of Salt Lake Research, 1995, 4, 327-333.	0.1	5
68	High temperatures disrupt Artemia franciscana mating patterns and impact sexual selection intensity. Estuarine, Coastal and Shelf Science, 2018, 207, 209-214.	0.9	5
69	River water analysis using a multiparametric approach: Portuguese river as a case study. Journal of Water and Health, 2018, 16, 991-1006.	1.1	4
70	Variation in chlorophylla concentrations and Margalefâ€™s index of pigment diversity in two solar salt ponds, Aveiro, Portugal. International Journal of Salt Lake Research, 1993, 2, 41-45.	0.1	3
71	Assessing the ecological status of fluvial ecosystems employing a macroinvertebrate multi-taxon and multi-biomarker approach. Environmental Monitoring and Assessment, 2019, 191, 503.	1.3	3
72	Artisanal Salina ? Unique Wetland Habitats Worth Preserving. Journal of Marine Science: Research & Development, 2013, 4, .	0.4	3

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73	Assessing the ecological status of a Mediterranean river: benthic invertebrates and diatoms as complementary bioindicators. , 2020, 39, 299-315.		3
74	A real-time PCR assay for differential expression of vitellogenin I and II genes in the liver of the sentinel fish speciesLipophrys pholis. Toxicology Mechanisms and Methods, 2013, 23, 591-597.	1.3	2
75	Effect of acute exposure of Hg and Zn on survival of native and invasive Artemia from wild populations exposed to different degrees of environmental contamination. Ecological Indicators, 2020, 118, 106739.	2.6	2
76	Bradykinin-potentiating activity in human serum. Agents and Actions, 1973, 3, 275-277.	0.7	1
77	Biomanipulation of Furnas Lake, Azores: effects of repeated fish removal. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2009, 30, 1207-1209.	0.1	1
78	Pregnant pipefish with a simple brooding surface loose less weight when carrying heavier eggs: evidence of compensation for low oocyte quality?. Acta Ethologica, 2017, 20, 313-317.	0.4	1
79	Endocrine Disrupting Compounds in Lotic Ecosystems: A Review on Its Occurrence, Sources and Effects on Chironomus riparius. Environment Pollution and Climate Change, 2017, 01, .	0.1	0
80	Spacial and Temporal Variation of Degradation of Organic Matter by Benthic Macroinvertebrates. Journal of Environmental Protection, 2013, 04, 1-8.	0.3	0