Ronaldo Sousa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5249078/publications.pdf

Version: 2024-02-01

134	8,078	81900	56724
papers	citations	39 h-index	83 g-index

134	134	134	7047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting climatic threats to an endangered freshwater mussel in Europe: The need to account for fish hosts. Freshwater Biology, 2022, 67, 842-856.	2.4	9
2	Combined perâ€¢capita and abundance effects of an invasive species on native invertebrate diversity and a key ecosystem process. Freshwater Biology, 2022, 67, 828-841.	2.4	11
3	Dimension and impact of biases in funding for species and habitat conservation. Biological Conservation, 2022, 272, 109636.	4.1	23
4	A global synthesis of ecosystem services provided and disrupted by freshwater bivalve molluscs. Biological Reviews, 2022, 97, 1967-1998.	10.4	28
5	Temperature and interspecific competition alter the impacts of two invasive crayfish species on a key ecosystem process. Biological Invasions, 2022, 24, 3757-3768.	2.4	1
6	Sensitivity of Pseudunio auricularius to metals and ammonia: first evaluation. Hydrobiologia, 2021, 848, 2977-2992.	2.0	10
7	Effects of an extreme drought on the endangered pearl mussel Margaritifera margaritifera: a before/after assessment. Hydrobiologia, 2021, 848, 3003-3013.	2.0	14
8	Assessment of a terrestrial protected area for the conservation of freshwater biodiversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 520-530.	2.0	18
9	Intraspecific Variation in the Common Pea Clam, Pisidium casertanum (Poli, 1791) (Bivalvia: Sphaeriidae): A Geometric Morphometric Analysis. Malacologia, 2021, 63, .	0.4	1
10	The role of anthropogenic habitats in freshwater mussel conservation. Global Change Biology, 2021, 27, 2298-2314.	9.5	24
11	Trophic niche overlap between native freshwater mussels (Order: Unionida) and the invasive <scp>Corbicula fluminea</scp>. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 2058-2071.	2.0	16
12	Major shortfalls impairing knowledge and conservation of freshwater molluscs. Hydrobiologia, 2021, 848, 2831-2867.	2.0	34
13	Alarming decline of freshwater trigger species in western Mediterranean key biodiversity areas. Conservation Biology, 2021, 35, 1367-1379.	4.7	12
14	Mitogenomic phylogeny and fossil-calibrated mutation rates for all F- and M-type mtDNA genes of the largest freshwater mussel family, the Unionidae (Bivalvia). Zoological Journal of the Linnean Society, 2021, 193, 1088-1107.	2.3	20
15	Microcondylaea bonellii, a Testimonial for Neglected Endangered Species. , 2021, , .		0
16	LIVRO DE RESUMOS DO X SIMPÃ“SIO IBÃ‰RICO SOBRE A BACIA HIDROGRÃFICA DO RIO MINHO. Environmental Smoke, 2021, , .	0.1	0
17	Mesozoic mitogenome rearrangements and freshwater mussel (Bivalvia: Unionoidea) macroevolution. Heredity, 2020, 124, 182-196.	2.6	27
18	Setting the stage for new ecological indicator species: A holistic case study on the Iberian dolphin freshwater mussel Unio delphinus Spengler, 1793. Ecological Indicators, 2020, 111, 105987.	6.3	17

#	Article	IF	Citations
19	In situ and low-cost monitoring of particles falling from freshwater animals: from microplastics to parasites. , 2020, 8, coaa088.		4
20	Towards a taxonomically unbiased European Union biodiversity strategy for 2030. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202166.	2.6	69
21	Origin and history of Phoxinus (Cyprinidae) introductions in the Douro Basin (Iberian Peninsula): an update inferred from genetic data. Biological Invasions, 2020, 22, 2409-2419.	2.4	10
22	Time travelling through local ecological knowledge regarding an endangered species. Science of the Total Environment, 2020, 739, 140047.	8.0	7
23	Meiofauna metabarcoding in Lima estuary (Portugal) suggests high taxon replacement within a background of network stability. Regional Studies in Marine Science, 2020, 38, 101341.	0.7	8
24	Small-scale spatial variation of meiofaunal communities in Lima estuary (NW Portugal) assessed through metabarcoding. Estuarine, Coastal and Shelf Science, 2020, 238, 106683.	2.1	20
25	Small hydropower plants as a threat to the endangered pearl mussel Margaritifera margaritifera. Science of the Total Environment, 2020, 719, 137361.	8.0	30
26	Microcondylaea bonellii as a new host for the European bitterling Rhodeus amarus. Knowledge and Management of Aquatic Ecosystems, 2020, , 4.	1.1	4
27	From the lab to the river: Determination of ecological hosts of Anodonta anatina. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 988-999.	2.0	7
28	Fish hosts of the freshwater mussel Unio foucauldianus Pallary, 1936. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 2176-2184.	2.0	6
29	Captive breeding of Margaritifera auricularia (Spengler, 1793) and its conservation importance. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1771-1784.	2.0	6
30	Refuge in the sÄ¢ya: Irrigation canals as habitat for one of the world's 100 most threatened species. Biological Conservation, 2019, 238, 108209.	4.1	11
31	Decay and persistence of empty bivalve shells in a temperate riverine system. Science of the Total Environment, 2019, 683, 185-192.	8.0	13
32	The male and female complete mitochondrial genomes of the threatened freshwater pearl mussel Margaritifera margaritifera (Linnaeus, 1758) (Bivalvia: Margaritiferidae). Mitochondrial DNA Part B: Resources, 2019, 4, 1417-1420.	0.4	8
33	Freshwater conservation assessments in (semi-)arid regions: Testing river intermittence and buffer strategies using freshwater mussels (Bivalvia, Unionida) in Morocco. Biological Conservation, 2019, 236, 420-434.	4.1	20
34	Water mill canals as habitat for Margaritifera margaritifera: Stable refuge or an ecological trap?. Ecological Indicators, 2019, 106, 105469.	6.3	11
35	Potential impacts of the invasive species Corbicula fluminea on the survival of glochidia. Science of the Total Environment, 2019, 673, 157-164.	8.0	22
36	Riparian vegetation subsidizes sea lamprey ammocoetes in a nursery area. Aquatic Sciences, 2019, 81, 1.	1.5	9

#	Article	IF	Citations
37	A tale of shells and claws: The signal crayfish as a threat to the pearl mussel Margaritifera margaritifera in Europe. Science of the Total Environment, 2019, 665, 329-337.	8.0	26
38	Mass Mortality Events of Invasive Freshwater Bivalves: Current Understanding and Potential Directions for Future Research. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	25
39	Invasive crayfishes as a threat to freshwater bivalves: Interspecific differences and conservation implications. Science of the Total Environment, 2019, 649, 938-948.	8.0	32
40	The Portuguese Coast. , 2019, , 189-208.		4
41	Research priorities for freshwater mussel conservation assessment. Biological Conservation, 2019, 231, 77-87.	4.1	156
42	Non-native freshwater fauna in Portugal: A review. Science of the Total Environment, 2019, 650, 1923-1934.	8.0	42
43	Physical legacy of freshwater bivalves: Effects of habitat complexity on the taxonomical and functional diversity of invertebrates. Science of the Total Environment, 2018, 634, 1398-1405.	8.0	34
44	Changes and drivers of freshwater mussel diversity and distribution in northern Borneo. Biological Conservation, 2018, 219, 126-137.	4.1	30
45	Conservation of freshwater bivalves at the global scale:Âdiversity, threats and research needs. Hydrobiologia, 2018, 810, 1-14.	2.0	241
46	Expansion and systematics redefinition of the most threatened freshwater mussel family, the Margaritiferidae. Molecular Phylogenetics and Evolution, 2018, 127, 98-118.	2.7	53
47	Effects of intrapopulation phenotypic traits of invasive crayfish on leaf litter processing. Hydrobiologia, 2018, 819, 67-75.	2.0	5
48	Negative effects of Corbicula fluminea over native freshwater mussels. Hydrobiologia, 2018, 810, 85-95.	2.0	72
49	Palatability of the Asian clam Corbicula fluminea (MÃ¼ller 1774) in an invaded system. Hydrobiologia, 2018, 810, 97-108.	2.0	5
50	Diversity, biogeography and conservation of freshwater mussels (Bivalvia: Unionida) in East and Southeast Asia. Hydrobiologia, 2018, 810, 29-44.	2.0	111
51	Fish and mussels: Importance of fish for freshwater mussel conservation. Fish and Fisheries, 2018, 19, 244-259.	5.3	118
52	Oued Bouhlou: A new hope for the Moroccan pearl mussel. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 247-251.	2.0	13
53	Current and future effects of global change on a hotspot's freshwater diversity. Science of the Total Environment, 2018, 635, 750-760.	8.0	30
54	Dieâ€offs of the endangered pearl mussel <scp>Margaritifera margaritifera</scp> during an extreme drought. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 1244-1248.	2.0	39

#	Article	IF	Citations
55	Conservation status of freshwater mussels in Europe: state of the art and future challenges. Biological Reviews, 2017, 92, 572-607.	10.4	400
56	Salinity tolerance of marbled crayfishProcambarus fallaxf.virginalis. Knowledge and Management of Aquatic Ecosystems, 2017, , 21.	1.1	13
57	Effects of invasive aquatic carrion on soil chemistry and terrestrial microbial communities. Biological Invasions, 2017, 19, 2491-2502.	2.4	9
58	The first Margaritiferidae male (M-type) mitogenome: mitochondrial gene order as a potential character for determining higher-order phylogeny within Unionida (Bivalvia). Journal of Molluscan Studies, 2017, 83, 249-252.	1.2	26
59	Invasive Chinese pond mussel Sinanodonta woodiana threatens native mussel reproduction by inducing crossâ€resistance of host fish. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 1325-1333.	2.0	48
60	Lifting the curtain on the freshwater mussel diversity of the Italian Peninsula and Croatian Adriatic coast. Biodiversity and Conservation, 2017, 26, 3255-3274.	2.6	38
61	Fine-scale determinants of conservation value of river reaches in a hotspot of native and non-native species diversity. Science of the Total Environment, 2017, 574, 455-466.	8.0	28
62	Contrasting morphological and DNA barcode-suggested species boundaries among shallow-water amphipod fauna from the southern European Atlantic coast. Genome, 2017, 60, 147-157.	2.0	34
63	Phylogeny of the most species-rich freshwater bivalve family (Bivalvia: Unionida: Unionidae): Defining modern subfamilies and tribes. Molecular Phylogenetics and Evolution, 2017, 106, 174-191.	2.7	133
64	Effects of invasive clam (Corbicula fluminea) dieâ€offs on the structure and functioning of freshwater ecosystems. Freshwater Biology, 2017, 62, 1908-1916.	2.4	10
65	Freshwater mollusc assemblages and habitat associations in the Danube River drainage, Hungary. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 319-332.	2.0	23
66	Phylogeny, phylogeography, and evolution in the Mediterranean region: News from a freshwater mussel (Potomida, Unionida). Molecular Phylogenetics and Evolution, 2016, 100, 322-332.	2.7	37
67	Factors driving changes in freshwater mussel (Bivalvia, Unionida) diversity and distribution in Peninsular Malaysia. Science of the Total Environment, 2016, 571, 1069-1078.	8.0	81
68	Starting a <scp>DNA</scp> barcode reference library for shallow water polychaetes from the southern European Atlantic coast. Molecular Ecology Resources, 2016, 16, 298-313.	4.8	58
69	Newly developed microsatellite markers for the panâ€European duck mussel, Anodonta anatina: revisiting the main mitochondrial lineages. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 307-318.	2.0	20
70	Effects of the invasive clam Corbicula fluminea (MÃ¼ller, 1774) on an estuarine microbial community. Science of the Total Environment, 2016, 566-567, 1168-1175.	8.0	21
71	Who lives where? Molecular and morphometric analyses clarify which Unio species (Unionida,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	60
72	The strange case of the tetragenous Anodonta anatina. Journal of Experimental Zoology, 2016, 325, 52-56.	1.2	6

#	Article	IF	Citations
73	Pearl mussels (Margaritifera marocana) in Morocco: Conservation status of the rarest bivalve in African fresh waters. Science of the Total Environment, 2016, 547, 405-412.	8.0	29
74	Is the body condition of the invasive zebra mussel (Dreissena polymorpha) enhanced through attachment to native freshwater mussels (Bivalvia, Unionidae)?. Science of the Total Environment, 2016, 553, 243-249.	8.0	14
75	Inter- and intraspecific variation of carbon and nitrogen stable isotope ratios in freshwater bivalves. Hydrobiologia, 2016, 765, 149-158.	2.0	22
76	Direct and indirect effects of an invasive omnivore crayfish on leaf litter decomposition. Science of the Total Environment, 2016, 541, 714-720.	8.0	16
77	The male and female complete mitochondrial genome sequences of the Endangered freshwater mussel Potomida littoralis (Cuvier, 1798) (Bivalvia: Unionidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3571-3572.	0.7	20
78	Low Genetic Diversity and High Invasion Success of Corbicula fluminea (Bivalvia, Corbiculidae) (MÃ¼ller, 1774) in Portugal. PLoS ONE, 2016, 11, e0158108.	2.5	32
79	Differences in the macrozoobenthic fauna colonising empty bivalve shells before and after invasion by Corbicula fluminea. Marine and Freshwater Research, 2015, 66, 549.	1.3	17
80	Impacts of climate change and land-use scenarios on Margaritifera margaritifera, an environmental indicator and endangered species. Science of the Total Environment, 2015, 511, 477-488.	8.0	101
81	First results on the genetic diversity of the invasive signal crayfish Pacifastacus leniusculus (Dana,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	8
82	First record of the freshwater jellyfish Craspedacusta sowerbii Lankester, 1880 in Greece suggests distinct European invasion events. Limnology, 2015, 16, 171-177.	1.5	10
83	Distribution of Corbicula fluminea (MÃ¼ller, 1774) in the invaded range: a geographic approach with notes on species traits variability. Biological Invasions, 2015, 17, 2087-2101.	2.4	100
84	From water to land: How an invasive clam may function as a resource pulse to terrestrial invertebrates. Science of the Total Environment, 2015, 538, 664-671.	8.0	25
85	Contrasting decay rates of freshwater bivalvesâ€™ shells: Aquatic versus terrestrial habitats. Limnologica, 2015, 51, 8-14.	1.5	25
86	Conservation status of the freshwater pearl mussel Margaritifera margaritifera in Portugal. Limnologica, 2015, 50, 4-10.	1.5	42
87	A massive freshwater mussel bed (Bivalvia: Unionidae) in a small river in Ukraine. Folia Malacologica, 2015, 23, 273-277.	0.2	2
88	Facilitation in the low intertidal: effects of an invasive species on the structure of an estuarine macrozoobenthic assemblage. Marine Ecology - Progress Series, 2015, 522, 157-167.	1.9	18
89	Seasonal changes in fish assemblages in the River Minho tidal freshwater wetlands, NW of the Iberian Peninsula. Annales De Limnologie, 2014, 50, 185-198.	0.6	14
90	Invasive bivalves in fresh waters: impacts from individuals to ecosystems and possible control strategies. Hydrobiologia, 2014, 735, 233-251.	2.0	193

#	Article	IF	Citations
91	Impact of Dreissena fouling on the physiological condition of native and invasive bivalves: interspecific and temporal variations. Biological Invasions, 2014, 16, 1373-1386.	2.4	29
92	Influence of the invasive Asian clam Corbicula fluminea (Bivalvia: Corbiculidae) on estuarine epibenthic assemblages. Estuarine, Coastal and Shelf Science, 2014, 143, 12-19.	2.1	46
93	Ecology and conservation of freshwater fish: time to act for a more effective management. Ecology of Freshwater Fish, 2014, 23, 111-113.	1.4	16
94	Biology and conservation of freshwater bivalves: past, present and future perspectives. Hydrobiologia, 2014, 735, 1-13.	2.0	137
95	Genetic diversity of the panâ€European freshwater mussel Anodonta anatina (Bivalvia: Unionoida) based on CO1: new phylogenetic insights and implications for conservation. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 561-574.	2.0	55
96	Assessing the morphological variability of Unio delphinus Spengler, 1783 (Bivalvia: Unionidae) using geometric morphometry. Journal of Molluscan Studies, 2014, 80, 17-23.	1.2	16
97	Empty native and invasive bivalve shells as benthic habitat modifiers in a large river. Limnologica, 2014, 49, 1-9.	1.5	39
98	Massive mortality of invasive bivalves as a potential resource subsidy for the adjacent terrestrial food web. Hydrobiologia, 2014, 735, 253-262.	2.0	46
99	Toward an integrated ecosystem perspective of invasive species impacts. Acta Oecologica, 2014, 54, 131-138.	1.1	39
100	Ecological Status of a Margaritifera margaritifera (Linnaeus, 1758) Population at the Southern Edge of its Distribution (River Paiva, Portugal). Environmental Management, 2013, 52, 1230-1238.	2.7	19
101	Biotic homogenization as a threat to native affiliate species: fish introductions dilute freshwater mussel's host resources. Diversity and Distributions, 2013, 19, 933-942.	4.1	55
102	Reproductive Cycle and Strategy of Anodonta anatina (L., 1758): Notes on Hermaphroditism. Journal of Experimental Zoology, 2013, 319, 378-390.	1.2	39
103	Spatial and temporal dynamics of Corbicula fluminea (Muller, 1774) in relation to environmental variables in the Mondego Estuary (Portugal). Journal of Molluscan Studies, 2013, 79, 302-309.	1.2	9
104	Impacts of biological invasions: what's what and the way forward. Trends in Ecology and Evolution, 2013, 28, 58-66.	8.7	2,304
105	Ecology of southern European pearl mussels (Margaritifera margaritifera): first record of two new populations on the rivers Terva and BeÃ§a (Portugal). Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 374-389.	2.0	34
106	Invasive dynamics of the crayfish Procambarus clarkii (Girard, 1852) in the international section of the River Minho (NW of the Iberian Peninsula). Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 656-666.	2.0	19
107	Development and multiplexing of microsatellite loci for the near threatened freshwater mussel Potomida littoralis (Cuvier, 1798) using 454 sequencing. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 619-623.	2.0	10
108	Massive die-offs of freshwater bivalves as resource pulses. Annales De Limnologie, 2012, 48, 105-112.	0.6	88

#	Article	IF	Citations
109	Secondary production as a tool for better understanding of aquatic ecosystems. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1230-1253.	1.4	112
110	Associated macrozoobenthos with the invasive Asian clam Corbicula fluminea. Journal of Sea Research, 2012, 72, 113-120.	1.6	41
111	Habitat modifications by sea lampreys (Petromyzon marinus) during the spawning season: effects on sediments. Journal of Applied Ichthyology, 2012, 28, 766-771.	0.7	20
112	S204 MIA-INDUCED OSTEOARTHRITIS SHOWS DOSE-DEPENDENT EXPRESSION OF NEURONAL INJURY MARKERS. European Journal of Pain Supplements, 2011, 5, 224-224.	0.0	0
113	Rapid decline of the greater European peaclam at the periphery of its distribution. Annales De Limnologie, 2011, 47, 211-219.	0.6	24
114	Spatial distribution of bivalves in relation to environmental conditions (middle Danube catchment,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	20
115	Fouling of European freshwater bivalves (Unionidae) by the invasive zebra mussel (Dreissena) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.4	77
116	Biological invasions and ecosystem functioning: time to merge. Biological Invasions, 2011, 13, 1055-1058.	2.4	52
117	Massive mortality of the Asian clam Corbicula fluminea in a highly invaded area. Biological Invasions, 2011, 13, 277-280.	2.4	66
118	Ecological quality assessment of the lower Lima Estuary. Marine Pollution Bulletin, 2010, 61, 234-239.	5.0	23
119	Factors influencing epibenthic assemblages in the Minho Estuary (NW Iberian Peninsula). Marine Pollution Bulletin, 2010, 61, 240-246.	5.0	30
120	Non-indigenous invasive bivalves as ecosystem engineers. Biological Invasions, 2009, 11, 2367-2385.	2.4	331
121	Factors Affecting Pisidium amnicum (MÃ¼ller, 1774; Bivalvia: Sphaeriidae) Distribution in the River Minho Estuary: Consequences for its Conservation. Estuaries and Coasts, 2008, 31, 1198-1207.	2.2	17
122	Abiotic impacts on spatial and temporal distribution of Corbicula fluminea (MÃ¼ller, 1774) in the River Minho estuary, Portugal. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 98-110.	2.0	96
123	Subtidal macrozoobenthic assemblages along the River Minho estuarine gradient (northâ€west Iberian) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	81
124	Growth and production of Pisidium amnicum in the freshwater tidal area of the River Minho estuary. Estuarine, Coastal and Shelf Science, 2008, 79, 467-474.	2.1	14
125	Growth and extremely high production of the non-indigenous invasive species Corbicula fluminea (MÃ¼ller, 1774): Possible implications for ecosystem functioning. Estuarine, Coastal and Shelf Science, 2008, 80, 289-295.	2.1	103
126	Ecology of the invasive Asian clam Corbicula fluminea (MÃ¼ller, 1774) in aquatic ecosystems: an overview. Annales De Limnologie, 2008, 44, 85-94.	0.6	259

#	Article	IF	Citations
127	Minho River tidal freshwater wetlands: threats to faunal biodiversity. Aquatic Biology, 2008, 3, 237-250.	1.4	76
128	Species composition and monthly variation of the Molluscan fauna in the freshwater subtidal area of the River Minho estuary. Estuarine, Coastal and Shelf Science, 2007, 75, 90-100.	2.1	63
129	Genetic and shell morphological variability of the invasive bivalve Corbicula fluminea (MÃ¼ller, 1774) in two Portuguese estuaries. Estuarine, Coastal and Shelf Science, 2007, 74, 166-174.	2.1	62
130	Factors influencing the occurrence and distribution of Corbicula fluminea (MÃ¼ller, 1774) in the River Lima estuary. Annales De Limnologie, 2006, 42, 165-171.	0.6	44
131	Spatial Subtidal Macrobenthic Distribution in Relation to Abiotic Conditions in the Lima Estuary, NW of Portugal. Hydrobiologia, 2006, 559, 135-148.	2.0	63
132	Molluscan fauna in the freshwater tidal area of the River Minho estuary, NW of Iberian Peninsula. Annales De Limnologie, 2005, 41, 141-147.	0.6	100
133	Spatio-temporal and intra-specific variations in the physiological and biochemical condition of the invasive bivalve Corbicula fluminea. Hydrobiologia, 0, , 1.	2.0	3
134	Preliminary data on fish hosts and their conservation importance for the critically endangered Pseudunio marocanus (Pallary, 1918). Aquatic Conservation: Marine and Freshwater Ecosystems, 0, , .	2.0	2