

# F Barros

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,880  
citations

236612

25  
h-index

315357

38  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ghost crabs as a tool for rapid assessment of human impacts on exposed sandy beaches. <i>Biological Conservation</i> , 2001, 97, 399-404.	1.9	121
2	The Influence of Rocky Reefs on Structure of Benthic Macrofauna in Nearby Soft-sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2001, 52, 191-199.	0.9	89
3	Overview of the 20th century impact of trace metal contamination in the estuaries of Todos os Santos Bay: Past, present and future scenarios. <i>Marine Pollution Bulletin</i> , 2012, 64, 2603-2614.	2.3	71
4	Predicting ecological changes on benthic estuarine assemblages through decadal climate trends along Brazilian Marine Ecoregions. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 74-82.	0.9	71
5	The structure of the benthic macrofaunal assemblages and sediments characteristics of the Paraguaçu estuarine system, NE, Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 78, 753-762.	0.9	66
6	Effects of the alien coral <i>Tubastraea tagusensis</i> on native coral assemblages in a southwestern Atlantic coral reef. <i>Marine Biology</i> , 2016, 163, 1.	0.7	66
7	Spatial patterns of macrofaunal assemblages in intermittently closed/open coastal lakes in New South Wales, Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 357-371.	0.9	53
8	Integrated assessment of metal contamination in sediments from two tropical estuaries. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 195-203.	2.9	52
9	Trace metal contamination and benthic assemblages in Subaçu estuarine system, Brazil. <i>Marine Pollution Bulletin</i> , 2006, 52, 982-987.	2.3	48
10	Detection of environmental impacts of shrimp farming through multiple lines of evidence. <i>Environmental Pollution</i> , 2016, 219, 672-684.	3.7	43
11	Functional response of tropical estuarine benthic assemblages to perturbation by Polycyclic Aromatic Hydrocarbons. <i>Ecological Indicators</i> , 2019, 96, 229-240.	2.6	41
12	Subtidal benthic macroinfaunal assemblages in tropical estuaries: Generality amongst highly variable gradients. <i>Marine Environmental Research</i> , 2012, 81, 43-52.	1.1	40
13	The influence of troughs and crests of ripple marks on the structure of subtidal benthic assemblages around rocky reefs. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 60, 781-790.	0.9	39
14	Trace metals and benthic macrofauna distributions in Camamu Bay, Brazil: Sediment quality prior oil and gas exploration. <i>Marine Pollution Bulletin</i> , 2008, 56, 363-370.	2.3	39
15	Macroinfauna of Six Beaches near Guaratuba Bay, Southern Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2001, 44, 351-364.	0.5	38
16	How wave exposure, group size and habitat complexity influence foraging and population densities in fishes of the genus <i>Halichoeres</i> (Perciformes: Labridae) on tropical rocky shores. <i>Marine Biology</i> , 2013, 160, 2383-2394.	0.7	37
17	Do invasive corals alter coral reef processes? An empirical approach evaluating reef fish trophic interactions. <i>Marine Environmental Research</i> , 2018, 138, 19-27.	1.1	35
18	Evaluation of sample preparation (grinding and sieving) of bivalves, coffee and cowpea beans for multi-element analysis. <i>Microchemical Journal</i> , 2008, 89, 123-130.	2.3	33

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19	Structural and functional approaches to describe polychaete assemblages: ecological implications for estuarine ecosystems. <i>Marine and Freshwater Research</i> , 2011, 62, 918.	0.7	33
20	Impacts of shrimp farming cultivation cycles on macrobenthic assemblages and chemistry of sediments. <i>Environmental Pollution</i> , 2016, 211, 307-315.	3.7	32
21	Blue carbon stocks, accumulation rates, and associated spatial variability in Brazilian mangroves. <i>Limnology and Oceanography</i> , 2021, 66, 321-334.	1.6	32
22	Spatial patterns in meiobenthic assemblages in intermittently open/closed coastal lakes in New South Wales, Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 62, 575-593.	0.9	28
23	The influence of structural complexity and reef habitat types on flight initiation distance and escape behaviors in labrid fishes. <i>Marine Biology</i> , 2015, 162, 493-499.	0.7	28
24	Benthic estuarine communities in Brazil: moving forward to long term studies to assess climate change impacts. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 81-96.	0.6	28
25	Reef fishes captured by recreational spearfishing on reefs of Bahia State, northeast Brazil. <i>Biota Neotropica</i> , 2012, 12, 179-185.	1.0	27
26	Latitudinal patterns of species diversity on South American rocky shores: Local processes lead to contrasting trends in regional and local species diversity. <i>Journal of Biogeography</i> , 2020, 47, 1966-1979.	1.4	26
27	MACROFAUNA BENTÔNICA INTRODUZIDA NO BRASIL: LISTA DE ESPÉCIES MARINHAS E DULCÍCOLAS E DISTRIBUIÇÃO ATUAL. <i>Oecologia Australis</i> , 2011, 15, 326-344.	0.1	26
28	Evaluating the importance of predation on subtidal benthic assemblages in sandy habitats around rocky reefs. <i>Acta Oecologica</i> , 2005, 27, 211-223.	0.5	25
29	A framework for investigating general patterns of benthic $H^2$ -diversity along estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 223-231.	0.9	24
30	Tidal migration and cross-habitat movements of fish assemblage within a mangrove ecotone. <i>Marine Biology</i> , 2016, 163, 1.	0.7	24
31	Drivers of benthic metacommunity structure along tropical estuaries. <i>Scientific Reports</i> , 2020, 10, 1739.	1.6	24
32	Are there general spatial patterns of mangrove structure and composition along estuarine salinity gradients in Todos os Santos Bay?. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 83-91.	0.9	23
33	Analysis of sampling methods of estuarine benthic macrofaunal assemblages: sampling gear, mesh size, and taxonomic resolution. <i>Hydrobiologia</i> , 2015, 743, 157-174.	1.0	23
34	Plastic debris collars: An underreported stressor in tropical reef fishes. <i>Marine Pollution Bulletin</i> , 2018, 129, 802-805.	2.3	23
35	Ghost fishing impacts on hydrocorals and associated reef fish assemblages. <i>Marine Environmental Research</i> , 2020, 161, 105129.	1.1	23
36	Impact of invasive corals <i>Tubastrea</i> spp. on native coral recruitment. <i>Marine Ecology - Progress Series</i> , 2018, 605, 125-133.	0.9	21

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37	Global trends on reef fishes' ecology of fear: Flight initiation distance for conservation. <i>Marine Environmental Research</i> , 2018, 136, 153-157.	1.1	20
38	Intertidal benthic macrofaunal assemblages: changes in structure along entire tropical estuarine salinity gradients. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 5-15.	0.4	19
39	Physical habitat structure in marine ecosystems: the meaning of complexity and heterogeneity. <i>Hydrobiologia</i> , 2017, 797, 1-9.	1.0	19
40	Brazil policy invites marine invasive species. <i>Science</i> , 2020, 368, 481-481.	6.0	19
41	Land-based noise pollution impairs reef fish behavior: A case study with a Brazilian carnival. <i>Biological Conservation</i> , 2021, 253, 108910.	1.9	19
42	Community structure of shallow rocky shore fish in a tropical bay of the southwestern Atlantic. <i>Brazilian Journal of Oceanography</i> , 2015, 63, 379-396.	0.6	18
43	Structural complexity but not territory sizes influences flight initiation distance in a damselfish. <i>Marine Biology</i> , 2019, 166, 1.	0.7	18
44	Is <i>Ocypode quadrata</i> (Fabricius, 1787) a useful tool for exposed sandy beaches management in Bahia State (Northeast Brazil)? <i>Brazilian Journal of Oceanography</i> , 2009, 57, 149-152.	0.6	18
45	Invasion-mediated effects on marine trophic interactions in a changing climate: positive feedbacks favour kelp persistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182866.	1.2	17
46	DEGRADAÇÃO E BIORREMEDIAÇÃO DE COMPOSTOS DO PETRÓLEO POR BACTÉRIAS: REVISÃO. <i>Oecologia Australis</i> , 2010, 14, 1010-1020.	0.1	17
47	Evaluating shellfish gathering ( <i>Lucina pectinata</i> ) in a tropical mangrove system. <i>Journal of Sea Research</i> , 2010, 64, 401-407.	0.6	16
48	Manipulating habitat complexity to understand its influence on benthic macrofauna. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 489, 48-57.	0.7	15
49	New records of the alien cup-corals ( <i>Tubastraea</i> spp.) within estuarine and reef systems in Todos os Santos Bay, Southwestern Atlantic. <i>Marine Biodiversity Records</i> , 2016, 9, .	1.2	14
50	Moon and tide effects on fish capture in a tropical tidal flat. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 735-743.	0.4	12
51	Effects of a red tide on the structure of estuarine fish assemblages in northeastern Brazil. <i>International Review of Hydrobiology</i> , 2012, 97, 389-404.	0.5	12
52	Are Abrolhos no-take area sites of naïve fish? An evaluation using flight initiation distance of labrids. <i>Neotropical Ichthyology</i> , 2016, 14, .	0.5	12
53	Desafios da carcinicultura: aspectos legais, impactos ambientais e alternativas mitigadoras. <i>Journal of Integrated Coastal Zone Management</i> , 2014, 14, 365-383.	0.2	12
54	A preliminary analysis of the structure of benthic assemblages of surf zones on two morphodynamic types of beach. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 353-357.	0.4	10

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55	Key Issues in Aquatic Ecotoxicology in Brazil: A Critical Review. Journal of the Brazilian Society of Ecotoxicology, 2012, 7, 57-66.	0.3	10
56	Intracolony variation in <i>Siderastrea de Blainville, 1830</i> (Anthozoa, Scleractinia): taxonomy under challenging morphological constraints. Biota Neotropica, 2013, 13, 108-116.	1.0	9
57	Sensitivity of the Invasive Snail <i>Melanoides tuberculatus</i> (Müller, 1774) to Salinity Variations. Malacologia, 2015, 58, 365-369.	0.2	9
58	Demography and foraging ecology of <i>Chelonia mydas</i> on tropical shallow reefs in Bahia, Brazil. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 1295-1304.	0.4	9
59	A tropical bay as a reference area defined by multiple lines of evidences. Marine Pollution Bulletin, 2017, 123, 291-303.	2.3	9
60	Spongivory by Fishes on Southwestern Atlantic Coral Reefs: No Evidence of Top-Down Control on Sponge Assemblages. Frontiers in Marine Science, 2018, 5, .	1.2	9
61	Benthic Habitats in Todos os Santos Bay. Revista Virtual De Quimica, 2012, 4, .	0.1	9
62	New non-native ornamental octocorals threatening a South-west Atlantic reef. Journal of the Marine Biological Association of the United Kingdom, 0, , 1-7.	0.4	9
63	Reef fish antipredator behavior in remote islands does not reflect patterns seen in coastal areas. Ethology Ecology and Evolution, 2019, 31, 557-567.	0.6	8
64	Effects of Tropical Saltmarsh Patches on the Structure of Benthic Macrofaunal Assemblages. Wetlands, 2019, 39, 945-954.	0.7	7
65	Choosing trash instead of nature: Sea urchin covering behavior. Marine Pollution Bulletin, 2020, 155, 111188.	2.3	7
66	Pseudoreplication in ecotoxicology. Integrated Environmental Assessment and Management, 2013, 9, 531-533.	1.6	6
67	Cost/benefit and the effect of sample preservation procedures on quantitative patterns in benthic ecology. Helgoland Marine Research, 2017, 71, .	1.3	6
68	Benthic Estuarine Assemblages of the Eastern Marine Brazilian Ecoregion (EME). Brazilian Marine Biodiversity, 2018, , 95-116.	0.4	6
69	Effects of an experimental oil spill on the structure and function of benthic assemblages with different history of exposure to oil perturbation. Marine Environmental Research, 2019, 152, 104822.	1.1	6
70	Ecological Functions of Polychaetes Along Estuarine Gradients. Frontiers in Marine Science, 2022, 9, .	1.2	6
71	Refuge choice specificity increases with predation risk in a rocky reef fish. Journal of Experimental Marine Biology and Ecology, 2019, 520, 151207.	0.7	4
72	Stationary underwater cameras assess more efficiently clear-water mangrove fish assemblages: A comparison of non-extractive techniques. Marine Ecology, 2020, 41, e12597.	0.4	4

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73	Thirty years of use of multivariate quantitative methods in benthic community ecology of marine and coastal habitats: looking to the past to planning the future. <i>Scientometrics</i> , 2015, 105, 593-610.	1.6	2
74	Distribution and movement of the mangrove gastropod <i>Littoraria angulifera</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107145.	0.9	2
75	Temporal variation in the recruitment of calcareous sponges (Porifera, Calcarea) in Todos os Santos Bay, tropical Brazilian coast. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 1063-1070.	0.4	2
76	Monitoramento de ecossistemas bentônicos estuarinos. , 0, , 134-154.		1
77	Exotic Species. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 311-312.	0.1	1
78	State of the art of Brazilian ecotoxicology. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 690-691.	1.6	0
79	Tropical saltmarshes are important to juvenile fiddler crabs but not as refuges from large predators or high temperatures. <i>Marine Environmental Research</i> , 2020, 161, 105133.	1.1	0
80	Soft Sediment Communities. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 606-606.	0.1	0
81	A reply to "Reviewing the effects of contamination on the biota of Brazilian coastal ecosystems: Scientific challenges for a developing country in a changing world". <i>Science of the Total Environment</i> , 2022, 835, 155545.	3.9	0