

# Rodrigo L Moura

## List of Publications by Year in descending order

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119  
papers

5,829  
citations

108046

37  
h-index

93651

72  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coral growth bands recorded trace elements associated with the Fundão dam collapse. <i>Science of the Total Environment</i> , 2022, 807, 150880.	3.9	8
2	Benthic Cyanobacterial Diversity and Antagonistic Interactions in Abrolhos Bank: Allelopathy, Susceptibility to Herbivory, and Toxicity. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	7
3	Spatial distribution patterns of coral reefs in the Abrolhos region (Brazil, South Atlantic ocean). <i>Continental Shelf Research</i> , 2022, 246, 104808.	0.9	5
4	First year after the Brumadinho tailings dam collapse: Spatial and seasonal variation of trace elements in sediments, fishes and macrophytes from the Paraopeba River, Brazil. <i>Environmental Research</i> , 2021, 193, 110526.	3.7	33
5	Tropical rhodolith beds are a major and belittled reef fish habitat. <i>Scientific Reports</i> , 2021, 11, 794.	1.6	34
6	Decadal (2006-2018) dynamics of Southwestern Atlantic's largest turbid zone reefs. <i>PLoS ONE</i> , 2021, 16, e0247111.	1.1	15
7	<p><strong>Bryozoa from the reefs off the Amazon River mouth: checklist, thirteen new species, and notes on their ecology and distribution</strong></p> . <i>Zootaxa</i> , 2021, 4950, 1-45.	0.2	0
8	Growing at the limit: Reef growth sensitivity to climate and oceanographic changes in the South Western Atlantic. <i>Global and Planetary Change</i> , 2021, 201, 103479.	1.6	11
9	Temporal Variability of Air-Sea CO <sub>2</sub> flux in the Western Tropical North Atlantic Influenced by the Amazon River Plume. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006798.	1.9	6
10	Growing industrialization and poor conservation planning challenge natural resources' management in the Amazon Shelf off Brazil. <i>Marine Policy</i> , 2021, 128, 104465.	1.5	15
11	Mechanisms of dispersal and establishment drive a stepping stone community assembly on seamounts and oceanic islands. <i>Marine Biology</i> , 2021, 168, 1.	0.7	16
12	Environmental controls on holocene reef development along the eastern brazilian margin. <i>Coral Reefs</i> , 2021, 40, 1321-1337.	0.9	1
13	A new species of viviparous brotula genus <i>Pseudogilbia</i> (Ophidiiformes: Dinematchthyidae) from Brazilian reefs, with an updated diagnosis of the genus. <i>Journal of Fish Biology</i> , 2021, 99, 1292-1298.	0.7	1
14	Effects of marine protected areas under different management regimes in a hot spot of biodiversity and cumulative impacts from SW Atlantic. <i>Regional Studies in Marine Science</i> , 2021, 47, 101951.	0.4	10
15	Calcium carbonate production in the southernmost subtropical Atlantic coral reef. <i>Marine Environmental Research</i> , 2021, 172, 105490.	1.1	5
16	Submerged reefs in the Abrolhos Shelf: morphology and habitat distribution. , 2020, , 519-532.		4
17	Heterogeneity of rhodolith beds expressed in backscatter data. <i>Marine Geology</i> , 2020, 423, 106136.	0.9	15
18	<i>Erythropodium caribaeorum</i> (Duchassaing and Michelotti, 1860) (Cnidaria: Alcyonacea), an additional alien coral in the Southwestern Atlantic. <i>Zootaxa</i> , 2020, 4822, zootaxa.4822.2.2.	0.2	10

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19	Drivers of biodiversity associated with rhodolith beds from euphotic and mesophotic zones: Insights for management and conservation. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 37-43.	1.0	16
20	Geomorphometric Seabed Classification and Potential Megahabitat Distribution in the Amazon Continental Margin. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	21
21	Structure of Rhodolith Beds and Surrounding Habitats at the Doce River Shelf (Brazil). <i>Diversity</i> , 2020, 12, 75.	0.7	19
22	Reef Mapping Using Different Seabed Automatic Classification Tools. <i>Geosciences (Switzerland)</i> , 2020, 10, 72.	1.0	17
23	Acidification-induced cellular changes in <i>Symbiodinium</i> isolated from <i>Mussismilia braziliensis</i> . <i>PLoS ONE</i> , 2019, 14, e0220130.	1.1	6
24	Holocene reef growth in the tropical southwestern Atlantic: Evidence for sea level and climate instability. <i>Quaternary Science Reviews</i> , 2019, 218, 365-377.	1.4	16
25	Do managers and stakeholders have congruent perceptions on marine protected area management effectiveness?. <i>Ocean and Coastal Management</i> , 2019, 179, 104865.	2.0	13
26	Along-shelf changes in mixed carbonate-siliciclastic sedimentation patterns. <i>Continental Shelf Research</i> , 2019, 187, 103964.	0.9	31
27	Clathriamide, an hexapeptide isolated from the marine sponge <i>Clathria (Clathria) nicoleae</i> . <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 715-719.	0.6	6
28	The southernmost Atlantic coral reef is off the subtropical island of Queimada Grande (24°S), Brazil. <i>Bulletin of Marine Science</i> , 2019, 95, 277-287.	0.4	26
29	Long-term temporal and spatial patterns in bioeroding sponge distribution at the Abrolhos Bank, Brazil, Southwestern Atlantic. <i>Marine Ecology</i> , 2019, 40, e12531.	0.4	5
30	Sustained mass coral bleaching (2016–2017) in Brazilian turbid-zone reefs: taxonomic, cross-shelf and habitat-related trends. <i>Coral Reefs</i> , 2019, 38, 801-813.	0.9	62
31	Morphology and sedimentology of the shelf-upper slope transition in the Abrolhos continental shelf (east Brazilian margin). <i>Geo-Marine Letters</i> , 2019, 39, 117-134.	0.5	13
32	Benthic reef assemblages of the Fernando de Noronha Archipelago, tropical South-west Atlantic: Effects of depth, wave exposure and cross-shelf positioning. <i>PLoS ONE</i> , 2019, 14, e0210664.	1.1	21
33	A dark side of cleaning symbiosis: manned submersible observations. <i>Marine Biodiversity</i> , 2019, 49, 1037-1041.	0.3	0
34	Parrotfish functional morphology and bioerosion on SW Atlantic reefs. <i>Marine Ecology - Progress Series</i> , 2019, 629, 149-163.	0.9	13
35	Age, growth, reproduction and management of Southwestern Atlantic's largest and endangered herbivorous reef fish, <i>Scarus trispinosus Valenciennes, 1840</i> . <i>PeerJ</i> , 2019, 7, e7459.	0.9	19
36	Southwestern Atlantic reef fishes: Zoogeographical patterns and ecological drivers reveal a secondary biodiversity centre in the Atlantic Ocean. <i>Diversity and Distributions</i> , 2018, 24, 951-965.	1.9	142

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37	Structure and composition of rhodoliths from the Amazon River mouth, Brazil. <i>Journal of South American Earth Sciences</i> , 2018, 84, 149-159.	0.6	25
38	A habitat-based approach to predict impacts of marine protected areas on fishers. <i>Conservation Biology</i> , 2018, 32, 1096-1106.	2.4	14
39	Reproductive biology and management of two commercially important groupers in the SW Atlantic. <i>Environmental Biology of Fishes</i> , 2018, 101, 79-94.	0.4	13
40	Reef fishes of the Anchieta Island State Park, Southwestern Atlantic, Brazil. <i>Biota Neotropica</i> , 2018, 18, .	0.2	1
41	Metagenomics of Coral Reefs Under Phase Shift and High Hydrodynamics. <i>Frontiers in Microbiology</i> , 2018, 9, 2203.	1.5	10
42	Bird-like complex nesting behaviour by the Brazilian-endemic reef fish <i>Gramma brasiliensis</i> . <i>Marine and Freshwater Research</i> , 2018, 69, 982.	0.7	2
43	Seabed Morphology and Sedimentary Regimes defining Fishing Grounds along the Eastern Brazilian Shelf. <i>Geosciences (Switzerland)</i> , 2018, 8, 91.	1.0	20
44	BURIAL RATE DETERMINES HOLOCENE RHODOLITH DEVELOPMENT ON THE BRAZILIAN SHELF. <i>Palaios</i> , 2018, 33, 464-477.	0.6	17
45	Bryozoan framework composition in the oddly shaped reefs from Abrolhos Bank, Brazil, southwestern Atlantic: taxonomy and ecology. <i>Zootaxa</i> , 2018, 4483, 155-186.	0.2	9
46	Bryozoans are Major Modern Builders of South Atlantic Oddly Shaped Reefs. <i>Scientific Reports</i> , 2018, 8, 9638.	1.6	38
47	Zooplankton From a Reef System Under the Influence of the Amazon River Plume. <i>Frontiers in Microbiology</i> , 2018, 9, 355.	1.5	25
48	Summer micro- and mesozooplankton from the largest reef system of the South Atlantic Ocean (Abrolhos, Brazil): Responses to coast proximity. <i>Journal of Sea Research</i> , 2018, 141, 37-46.	0.6	2
49	Spatial and temporal dynamics of the abundance of crustose calcareous algae on the southernmost coral reefs of the western Atlantic (Abrolhos Bank, Brazil). <i>Algae</i> , 2018, 33, 85-99.	0.9	14
50	Long-term effects of competition and environmental drivers on the growth of the endangered coral <i>Mussismilia braziliensis</i> (Verrill, 1867). <i>PeerJ</i> , 2018, 6, e5419.	0.9	24
51	Modeling abundance, growth, and health of the solitary coral <i>Scolymia wellsii</i> (Mussidae) in turbid SW Atlantic coral reefs. <i>Marine Biology</i> , 2017, 164, 1.	0.7	9
52	Age, growth parameters and fisheries indices for the lane snapper in the Abrolhos Bank, SW Atlantic. <i>Fisheries Research</i> , 2017, 194, 155-163.	0.9	13
53	Reproductive biology of <i>Haemulon plumierii</i> in the southwestern Atlantic Ocean's most extensive reefs: implications for fisheries management. <i>Journal of Fish Biology</i> , 2017, 90, 2111-2124.	0.7	5
54	Massive opisthobranch aggregation in the largest coralline reefs in the South Atlantic Ocean: are mesoherbivores underestimated top-down players?. <i>Bulletin of Marine Science</i> , 2017, 93, 915-916.	0.4	3

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55	Feeding ecology of two sympatric species of large-sized groupers (Perciformes: Epinephelidae) on Southwestern Atlantic coralline reefs. <i>Neotropical Ichthyology</i> , 2017, 15, .	0.5	8
56	Carbonate Production by Benthic Communities on Shallow Coralgal Reefs of Abrolhos Bank, Brazil. <i>PLoS ONE</i> , 2016, 11, e0154417.	1.1	16
57	Mesophotic fishes of the Abrolhos Shelf, the largest reef ecosystem in the South Atlantic. <i>Journal of Fish Biology</i> , 2016, 89, 990-1001.	0.7	44
58	Environmental licensing on rhodolith beds: insights from a worm. <i>Natureza A Conservacao</i> , 2016, 14, 137-141.	2.5	14
59	Origin and sedimentary evolution of sinkholes (buracas) in the Abrolhos continental shelf, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 462, 101-111.	1.0	18
60	An extensive reef system at the Amazon River mouth. <i>Science Advances</i> , 2016, 2, e1501252.	4.7	235
61	Mesophotic ecosystems of the unique South Atlantic atoll are composed by rhodolith beds and scattered consolidated reefs. <i>Marine Biodiversity</i> , 2016, 46, 933-936.	0.3	29
62	Mesophotic reef fish assemblages of the remote St. Peter and St. Paul's Archipelago, Mid-Atlantic Ridge, Brazil. <i>Coral Reefs</i> , 2016, 35, 113-123.	0.9	59
63	Macroalgal composition and community structure of the largest rhodolith beds in the world. <i>Marine Biodiversity</i> , 2016, 46, 407-420.	0.3	36
64	BaMBA: towards the integrated management of Brazilian marine environmental data. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav088.	1.4	30
65	Environmental and Sanitary Conditions of Guanabara Bay, Rio de Janeiro. <i>Frontiers in Microbiology</i> , 2015, 6, 1232.	1.5	112
66	Multiple Symbiodinium Strains Are Hosted by the Brazilian Endemic Corals <i>Mussismilia</i> spp.. <i>Microbial Ecology</i> , 2015, 70, 301-310.	1.4	30
67	Microbial community diversity and physical-chemical features of the Southwestern Atlantic Ocean. <i>Archives of Microbiology</i> , 2015, 197, 165-179.	1.0	34
68	Shelf morphology as an indicator of sedimentary regimes: A synthesis from a mixed siliciclastic-carbonate shelf on the eastern Brazilian margin. <i>Journal of South American Earth Sciences</i> , 2015, 63, 125-136.	0.6	68
69	Microbial and sponge loops modify fish production in phase-shifting coral reefs. <i>Environmental Microbiology</i> , 2015, 17, 3832-3846.	1.8	43
70	Changes in benthic communities along a 60 m depth gradient in the remote St. Peter and St. Paul Archipelago (Mid-Atlantic Ridge, Brazil). <i>Bulletin of Marine Science</i> , 2015, 91, 377-396.	0.4	33
71	Brazilian aquatic biodiversity in peril. <i>Science</i> , 2015, 350, 1043-1044.	6.0	39
72	Microbiota of the Major South Atlantic Reef Building Coral <i>Mussismilia</i> . <i>Microbial Ecology</i> , 2015, 69, 267-280.	1.4	26

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73	Fish Biodiversity of the Vitória-Trindade Seamount Chain, Southwestern Atlantic: An Updated Database. PLoS ONE, 2015, 10, e0118180.	1.1	95
74	Baseline Assessment of Mesophotic Reefs of the Vitória-Trindade Seamount Chain Based on Water Quality, Microbial Diversity, Benthic Cover and Fish Biomass Data. PLoS ONE, 2015, 10, e0130084.	1.1	81
75	Effects of the sand tilefish <i>Malacanthus plumieri</i> on the structure and dynamics of a rhodolith bed in the Fernando de Noronha Archipelago, tropical West Atlantic. Marine Ecology - Progress Series, 2015, 541, 65-73.	0.9	27
76	Diversity and ecological structure of vibrios in benthic and pelagic habitats along a latitudinal gradient in the Southwest Atlantic Ocean. PeerJ, 2015, 3, e741.	0.9	18
77	Reproductive biology of the lane snapper, <i>Lutjanus synagris</i> , and recommendations for its management on the Abrolhos Shelf, Brazil. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 1711-1720.	0.4	28
78	Sponges and fish facilitate succession from rhodolith beds to reefs. Bulletin of Marine Science, 2014, 91, 45-46.	0.4	23
79	Physiologic and metagenomic attributes of the rhodoliths forming the largest CaCO <sub>3</sub> bed in the South Atlantic Ocean. ISME Journal, 2014, 8, 52-62.	4.4	68
80	Global conservation outcomes depend on marine protected areas with five key features. Nature, 2014, 506, 216-220.	13.7	1,367
81	Reef oases in a seamount chain in the southwestern Atlantic. Coral Reefs, 2014, 33, 1113-1113.	0.9	17
82	An evaluation of the use of branching fire-corals ( <i>Millepora</i> spp.) as refuge by reef fish in the Abrolhos Bank, eastern Brazil. Environmental Biology of Fishes, 2013, 96, 45-55.	0.4	36
83	Traditional Ecological Knowledge and the mapping of benthic marine habitats. Journal of Environmental Management, 2013, 115, 241-250.	3.8	51
84	Metagenomic Analysis of Healthy and White Plague-Affected <i>Mussismilia braziliensis</i> Corals. Microbial Ecology, 2013, 65, 1076-1086.	1.4	103
85	Buracas: Novel and unusual sinkhole-like features in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 118-125.	0.9	43
86	Spatial patterns of benthic megahabitats and conservation planning in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 109-117.	0.9	167
87	Bacterial communities associated with three Brazilian endemic reef corals ( <i>Mussismilia</i> spp.) in a coastal reef of the Abrolhos shelf. Continental Shelf Research, 2013, 70, 135-139.	0.9	4
88	Sinkhole-like structures as bioproductivity hotspots in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 126-134.	0.9	23
89	Fisheries monitoring in Babel: fish ethnotaxonomy in a hotspot of common names. Neotropical Ichthyology, 2013, 11, 467-476.	0.5	35
90	Dynamics of Coral Reef Benthic Assemblages of the Abrolhos Bank, Eastern Brazil: Inferences on Natural and Anthropogenic Drivers. PLoS ONE, 2013, 8, e54260.	1.1	141

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91	The structure of rocky reef fish assemblages across a nearshore to coastal islands' gradient in Southeastern Brazil. <i>Neotropical Ichthyology</i> , 2012, 10, 369-382.	0.5	29
92	Rhodolith Beds Are Major CaCO <sub>3</sub> Bio-Factories in the Tropical South West Atlantic. <i>PLoS ONE</i> , 2012, 7, e35171.	1.1	230
93	Extensive Rhodolith Beds Cover the Summits of Southwestern Atlantic Ocean Seamounts. <i>Journal of Coastal Research</i> , 2012, 279, 261-269.	0.1	60
94	Abrolhos Bank Reef Health Evaluated by Means of Water Quality, Microbial Diversity, Benthic Cover, and Fish Biomass Data. <i>PLoS ONE</i> , 2012, 7, e36687.	1.1	125
95	Age and growth of the dog snapper <i>Lutjanus jocu</i> (Bloch & Schneider, 1801) in Abrolhos Bank, Northeastern Brazil. <i>Neotropical Ichthyology</i> , 2011, 9, 393-401.	0.5	13
96	Reef fish and benthic assemblages of the Trindade and Martin Vaz Island group, southwestern Atlantic. <i>Brazilian Journal of Oceanography</i> , 2011, 59, 201-212.	0.6	65
97	Use of riverine through reef habitat systems by dog snapper ( <i>Lutjanus jocu</i> ) in eastern Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 274-278.	0.9	45
98	Gestão compartilhada do uso de recursos pesqueiros no Brasil: elementos para um programa nacional. <i>Ambiente &amp; Sociedade</i> , 2011, 14, 23-44.	0.5	12
99	Spawning patterns of commercially important reef fish ( <i>Lutjanidae</i> and <i>Serranidae</i> ) in the tropical western South Atlantic. <i>Scientia Marina</i> , 2011, 75, 135-146.	0.3	77
100	Mapeamento acústico do Canal de Abrolhos e seu entorno, Bahia - Brasil. , 2011, , .		0
101	Diversity and pathogenic potential of vibrios isolated from Abrolhos Bank corals. <i>Environmental Microbiology Reports</i> , 2010, 2, 90-95.	1.0	41
102	Bacterial Community Associated with Healthy and Diseased Reef Coral <i>Mussismilia hispida</i> from Eastern Brazil. <i>Microbial Ecology</i> , 2010, 59, 658-667.	1.4	84
103	Foraging activity of roving herbivorous reef fish ( <i>Acanthuridae</i> and <i>Scaridae</i> ) in eastern Brazil: influence of resource availability and interference competition. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 481-492.	0.4	82
104	Predation on the toxic zoanthid <i>Palythoa caribaeorum</i> by reef fishes in the abrolhos bank, eastern Brazil. <i>Brazilian Journal of Oceanography</i> , 2010, 58, 77-79.	0.6	23
105	Seasonal prevalence of white plague like disease on the endemic Brazilian reef coral <i>Mussismilia braziliensis</i> . <i>Latin American Journal of Aquatic Research</i> , 2010, 38, 292-296.	0.2	11
106	Bacterial diversity associated with the Brazilian endemic reef coral <i>Mussismilia braziliensis</i> . <i>Journal of Applied Microbiology</i> , 2009, 106, 1378-1387.	1.4	60
107	Challenges and Prospects of Fisheries Co-Management under a Marine Extractive Reserve Framework in Northeastern Brazil. <i>Coastal Management</i> , 2009, 37, 617-632.	1.0	39
108	Dynamics of fish assemblages on coral reefs subjected to different management regimes in the Abrolhos Bank, eastern Brazil. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 1166-1179.	0.9	141

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109	Diseases leading to accelerated decline of reef corals in the largest South Atlantic reef complex (Abrolhos Bank, eastern Brazil). <i>Marine Pollution Bulletin</i> , 2008, 56, 1008-1014.	2.3	95
110	Nested sampling: an improved visual-census technique for studying reef fish assemblages. <i>Marine Ecology - Progress Series</i> , 2008, 367, 283-293.	0.9	41
111	Evidence for spillover of reef fishes from a no-take marine reserve: An evaluation using the before-after control-impact (BACI) approach. <i>Fisheries Research</i> , 2008, 93, 346-356.	0.9	96
112	Live coral predation by parrotfishes (Perciformes: Scaridae) in the Abrolhos Bank, eastern Brazil, with comments on the classification of species into functional groups. <i>Neotropical Ichthyology</i> , 2008, 6, 191-200.	0.5	46
113	A new species of snapper (Perciformes: Lutjanidae) from Brazil, with comments on the distribution of <i>Lutjanus griseus</i> and <i>L. apodus</i> . <i>Zootaxa</i> , 2007, 1422, .	0.2	54
114	Mechanisms of speciation and faunal enrichment in Atlantic parrotfishes. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 795-807.	1.2	86
115	Daily Cleaning Activity and Diversity of Clients of the Barber Goby, <i>Elacatinus figaro</i> , on Rocky Reefs in Southeastern Brazil. <i>Environmental Biology of Fishes</i> , 2000, 59, 69-77.	0.4	59
116	Shark ( <i>Carcharhinus perezi</i> ), Cleaned by the Goby ( <i>Elacatinus randalli</i> ), at Fernando de Noronha Archipelago, Western South Atlantic. <i>Copeia</i> , 2000, 2000, 297-299.	1.4	36
117	New records and range extensions of reef fishes in the Western South Atlantic, with comments on reef fish distribution along the Brazilian coast. <i>Revista Brasileira De Zoologia</i> , 1999, 16, 513-530.	0.5	28
118	Cleaning Activity of Juvenile Angelfish, <i>Pomacanthus paru</i> , on the Reefs of the Abrolhos Archipelago, Western South Atlantic. <i>Environmental Biology of Fishes</i> , 1999, 56, 399-407.	0.4	56
119	Habitat and Marine Reserve Status Drive Reef Fish Biomass and Functional Diversity in the Largest South Atlantic Coral Reef System (Abrolhos, Brazil). <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	8