Sergio R Floeter

List of Publications by Year
in descending order

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139 papers	6,404 citations	66343 42 h-index	76900 74 g-index
141 all docs	141 docs citations	141 times ranked	5038 citing authors

#	Article	IF	Citations
1	Functional over-redundancy and high functional vulnerability in global fish faunas on tropical reefs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13757-13762.	7.1	391
2	Atlantic reef fish biogeography and evolution. Journal of Biogeography, 2008, 35, 22-47.	3.0	295
3	Trophic structure patterns of Brazilian reef fishes: a latitudinal comparison. Journal of Biogeography, 2004, 31, 1093-1106.	3.0	252
4	Geographical gradients of marine herbivorous fishes: patterns and processes. Marine Biology, 2005, 147, 1435-1447.	1.5	201
5	Global Biogeography of Reef Fishes: A Hierarchical Quantitative Delineation of Regions. PLoS ONE, 2013, 8, e81847.	2.5	181
6	Ecological traits influencing range expansion across large oceanic dispersal barriers: insights from tropical Atlantic reef fishes. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1033-1040.	2.6	177
7	Adult and larval traits as determinants of geographic range size among tropical reef fishes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16498-16502.	7.1	157
8	Effects of fishing and protection on Brazilian reef fishes. Biological Conservation, 2006, 128, 391-402.	4.1	156
9	Reef fish community structure on coastal islands of the southeastern Brazil: the influence of exposure and benthic cover. Environmental Biology of Fishes, 2007, 78, 147-160.	1.0	155
10	Southâ€western Atlantic reef fishes: Zoogeographical patterns and ecological drivers reveal a secondary biodiversity centre in the Atlantic Ocean. Diversity and Distributions, 2018, 24, 951-965.	4.1	142
11	Local Ecological Knowledge and Scientific Data Reveal Overexploitation by Multigear Artisanal Fisheries in the Southwestern Atlantic. PLoS ONE, 2014, 9, e110332.	2.5	137
12	Functional diversity responses to changing species richness in reef fish communities. Marine Ecology - Progress Series, 2008, 364, 147-156.	1.9	133
13	Geographic variation in reef-fish assemblages along the Brazilian coast. Global Ecology and Biogeography, 2001, 10, 423-431.	5.8	131
14	Global patterns and predictors of tropical reef fish species richness. Ecography, 2013, 36, 1254-1262.	4.5	124
15	Distributions of Indo-Pacific lionfishes Pterois spp. in their native ranges: implications for the Atlantic invasion. Marine Ecology - Progress Series, 2012, 446, 189-205.	1.9	115
16	The southwestern Atlantic reef fish fauna: composition and zoogeographic patterns. Journal of Fish Biology, 2000, 56, 1099-1114.	1.6	114
17	Marine Ornamental Trade in Brazil. Biodiversity and Conservation, 2005, 14, 2883-2899.	2.6	105
18	Latitudinal gradients in Atlantic reef fish communities: trophic structure and spatial use patterns. Journal of Fish Biology, 2004, 64, 1680-1699.	1.6	104

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19	First Record of Invasive Lionfish (Pterois volitans) for the Brazilian Coast. PLoS ONE, 2015, 10, e0123002.	2.5	101
20	The shore fishes of Trindade Island, western South Atlantic. Journal of Natural History, 2001, 35, 1639-1656.	0.5	98
21	Biogeography of tropical reef fishes: the South Atlantic puzzle. Journal of Biogeography, 2008, 28, 831-841.	3.0	98
22	Fish Biodiversity of the VitÃ³ria-Trindade Seamount Chain, Southwestern Atlantic: An Updated Database. PLoS ONE, 2015, 10, e0118180.	2.5	95
23	The biogeography of tropical reef fishes: endemism and provinciality through time. Biological Reviews, 2017, 92, 2112-2130.	10.4	91
24	Large-scale patterns of benthic marine communities in the Brazilian Province. PLoS ONE, 2018, 13, e0198452.	2.5	89
25	Restructuring of the â€˜Macaronesiaâ€™ biogeographic unit: A marine multi-taxon biogeographical approach. Scientific Reports, 2019, 9, 15792.	3.3	88
26	Global mismatch between species richness and vulnerability of reef fish assemblages. Ecology Letters, 2014, 17, 1101-1110.	6.4	78
27	The southwestern Atlantic reef fish fauna: composition and zoogeographic patterns. Journal of Fish Biology, 2000, 56, 1099-1114.	1.6	77
28	Scaling metabolism from individuals to reefâ€fish communities at broad spatial scales. Ecology Letters, 2014, 17, 1067-1076.	6.4	74
29	Reef fish community structure of the Fernando de Noronha Archipelago (Equatorial Western) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 92, 25-40.	1.0	66
30	The reef fish assemblage of the Laje de Santos Marine State Park, Southwestern Atlantic: annotated checklist with comments on abundance, distribution, trophic structure, symbiotic associations, and conservation. Zootaxa, 2008, 1807, 1.	0.5	64
31	Do traditional fishers recognise reef fish species declines? Shifting environmental baselines in <scp>E</scp>astern <scp>B</scp>razil. Fisheries Management and Ecology, 2013, 20, 58-67.	2.0	64
32	Spatial patterns of fish standing biomass across Brazilian reefs. Journal of Fish Biology, 2017, 91, 1642-1667.	1.6	64
33	Trophic interactions across 61 degrees of latitude in the Western Atlantic. Global Ecology and Biogeography, 2019, 28, 107-117.	5.8	64
34	Between-Habitat Variation of Benthic Cover, Reef Fish Assemblage and Feeding Pressure on the Benthos at the Only Atoll in South Atlantic: Rocas Atoll, NE Brazil. PLoS ONE, 2015, 10, e0127176.	2.5	62
35	The macroecology of marine cleaning mutualisms. Journal of Animal Ecology, 2007, 76, 105-111.	2.8	61
36	Herbivory drives largeâ€scale spatial variation in reef fish trophic interactions. Ecology and Evolution, 2014, 4, 4553-4566.	1.9	59

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37	Island biogeography: patterns of marine shallowâ€water organisms in the Atlantic Ocean. Journal of Biogeography, 2015, 42, 1871-1882.	3.0	58
38	Phylogenetic perspectives on reef fish functional traits. Biological Reviews, 2018, 93, 131-151.	10.4	56
39	A blueprint for securing Brazil's marine biodiversity and supporting the achievement of global conservation goals. Diversity and Distributions, 2021, 27, 198-215.	4.1	55
40	Isolation drives taxonomic and functional nestedness in tropical reef fish faunas. Ecography, 2017, 40, 425-435.	4.5	54
41	Large and remote marine protected areas in the South Atlantic Ocean are flawed and raise concerns: Comments on Soares and Lucas (2018). Marine Policy, 2018, 96, 13-17.	3.2	53
42	Coastal Fishes of SÃ£o TomÃ© and PrÃncipe islands, Gulf of Guinea (Eastern Atlantic Ocean)â€”an update. Zootaxa, 2007, 1523, 1-48.	0.5	49
43	Nestedness across biological scales. PLoS ONE, 2017, 12, e0171691.	2.5	44
44	Perspectives for the lionfish invasion in the South Atlantic: Are Brazilian reefs protected by the currents?. Marine Ecology - Progress Series, 2013, 485, 1-7.	1.9	41
45	Diet and Diversification in the Evolution of Coral Reef Fishes. PLoS ONE, 2014, 9, e102094.	2.5	40
46	Recovery of grouper assemblages indicates effectiveness of a marine protected area in Southern Brazil. Marine Ecology - Progress Series, 2014, 514, 207-215.	1.9	40
47	Determinants of reef fish assemblages in tropical Oceanic islands. Ecography, 2019, 42, 77-87.	4.5	40
48	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	5.8	40
49	Integrated conservation planning for coral reefs: Designing conservation zones for multiple conservation objectives in spatial prioritisation. Global Ecology and Conservation, 2017, 11, 53-68.	2.1	39
50	Feeding macroecology of territorial damselfishes (Perciformes: Pomacentridae). Marine Biology, 2009, 156, 289-299.	1.5	38
51	Evolutionary processes underlying latitudinal differences in reef fish biodiversity. Global Ecology and Biogeography, 2016, 25, 1466-1476.	5.8	38
52	Comparison of remote video and diver's direct observations to quantify reef fishes feeding on benthos in coral and rocky reefs. Journal of Fish Biology, 2012, 81, 1773-1780.	1.6	37
53	Body size, reef area and temperature predict global reefâ€fish species richness across spatial scales. Global Ecology and Biogeography, 2019, 28, 315-327.	5.8	37
54	Biogeographic and species richness patterns of Gastropoda on the southwestern Atlantic. Revista Brasileira De Biologia, 1999, 59, 567-575.	0.3	36

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55	The occurrence of Acanthurus monroviae(Perciformes: Acanthuridae) in the south-western Atlantic, with comments on other eastern Atlantic reef fishes occurring in Brazil. Journal of Fish Biology, 2004, 65, 1173-1179.	1.6	36
56	Biological attributes and major threats as predictors of the vulnerability of species: a case study with Brazilian reef fishes. Oryx, 2013, 47, 259-265.	1.0	36
57	Brazilian tropical fishes in their southern limit of distribution: checklist of Santa Catarinaâ€™s rocky reef ichthyofauna, remarks and new records. Check List, 2015, 11, 1688.	0.4	33
58	Molecular ecology, speciation, and evolution of the reef fish genus Anisotremus. Molecular Phylogenetics and Evolution, 2008, 48, 929-935.	2.7	30
59	Energetic and ecological constraints on population density of reef fishes. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152186.	2.6	30
60	Patterns of shell utilization and selection in two sympatric hermit crabs (Anomura: Diogenidae) in south-eastern Brazil. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 1053-1059.	0.8	27
61	Seafarers or castaways: ecological traits associated with rafting dispersal in tropical reef fishes. Journal of Biogeography, 2015, 42, 2323-2333.	3.0	27
62	Shifting baselines among traditional fishers in SÃ£o TomÃ© and PrÃncipe islands, Gulf of Guinea. Ocean and Coastal Management, 2018, 154, 133-142.	4.4	27
63	Drivers of ecological effectiveness of marine protected areas: A meta-analytic approach from the Southwestern Atlantic Ocean (Brazil). Journal of Environmental Management, 2022, 301, 113889.	7.8	27
64	Biogeographic, historical and environmental influences on the taxonomic and functional structure of <scp>A</scp>tlantic reef fish assemblages. Global Ecology and Biogeography, 2013, 22, 1173-1182.	5.8	25
65	Reef fish hotspots as surrogates for marine conservation in the Brazilian coast. Ocean and Coastal Management, 2014, 102, 88-93.	4.4	25
66	Sparisoma tuiupiranga, a new species of parrotfish (Perciformes: Labroidei: Scaridae) from Brazil, with comments on the evolution of the genus. Zootaxa, 2003, 384, 1.	0.5	24
67	Brazil oil spill response: Protect rhodolith beds. Science, 2020, 367, 156-156.	12.6	24
68	Lifeâ€history traits, geographical range, and conservation aspects of reef fishes from the Atlantic and Eastern Pacific. Ecology, 2021, 102, e03298.	3.2	23
69	Molecular phylogenetics and evolution of Holacanthus angelfishes (Pomacanthidae). Molecular Phylogenetics and Evolution, 2010, 56, 456-461.	2.7	22
70	Multiple lionfish (Pterois spp.) new occurrences along the Brazilian coast confirm the invasion pathway into the Southwestern Atlantic. Biological Invasions, 2021, 23, 3013-3019.	2.4	22
71	Unusual reef fish biomass and functional richness at Malpelo, a remote island in the Tropical Eastern Pacific. Environmental Biology of Fishes, 2017, 100, 149-162.	1.0	21
72	The global structure of marine cleaning mutualistic networks. Global Ecology and Biogeography, 2018, 27, 1238-1250.	5.8	21

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73	Trophic interactions will expand geographically but be less intense as oceans warm. Global Change Biology, 2020, 26, 6805-6812.	9.5	21
74	Complex origins of the Lusitania biogeographic province and northeastern Atlantic fishes. Frontiers of Biogeography, 2013, 5, .	1.8	21
75	Historical biogeography and speciation in the Creole wrasses (Labridae, Clepticus). Marine Biology, 2009, 156, 679-687.	1.5	19
76	The occurrence of Sparisoma frondosum (Teleostei: Labridae) in the Cape Verde Archipelago, with a summary of expatriated Brazilian endemic reef fishes. Marine Biodiversity, 2014, 44, 173-179.	1.0	19
77	Patterns of variation in behaviour within and among reef fish species on an isolated tropical island: influence of exposure and substratum. Journal of the Marine Biological Association of the United Kingdom, 2011, 91, 1359-1368.	0.8	18
78	The macroecology of reef fish agonistic behaviour. Ecography, 2020, 43, 1278-1290.	4.5	18
79	Biological trade-offs underpin coral reef ecosystem functioning. Nature Ecology and Evolution, 2022, 6, 701-708.	7.8	18
80	A recently extinct parrotfish species from Brazil. Coral Reefs, 2005, 24, 128-128.	2.2	16
81	Phylogeny of Parablennius Miranda Ribeiro, 1915 reveals a paraphyletic genus and recent Indo-Pacific diversification from an Atlantic ancestor. Molecular Phylogenetics and Evolution, 2013, 67, 1-8.	2.7	16
82	Abundance, diet, foraging and nutritional condition of the banded butterflyfish (Chaetodon striatus) along the western Atlantic. Marine Biology, 2016, 163, 1.	1.5	16
83	The recent colonization of south Brazil by the Azores chromis Chromis limbata. Journal of Fish Biology, 2017, 91, 558-573.	1.6	16
84	Resource partitioning by two syntopic sister species of butterflyfish (Chaetodontidae). Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 1767-1773.	0.8	16
85	Going against the flow: Barriers to gene flow impact patterns of connectivity in cryptic coral reef gobies throughout the western Atlantic. Journal of Biogeography, 2021, 48, 427-439.	3.0	16
86	Mechanisms of dispersal and establishment drive a stepping stone community assembly on seamounts and oceanic islands. Marine Biology, 2021, 168, 1.	1.5	16
87	A closer examination of the â€˜abundant centreâ€™ hypothesis for reef fishes. Journal of Biogeography, 2020, 47, 2194-2209.	3.0	15
88	The Lusitania Province as a center of diversification: The phylogeny of the genus Microlipophrys (Pisces: Blenniidae). Molecular Phylogenetics and Evolution, 2011, 58, 409-413.	2.7	14
89	Sea urchin abundance and habitat relationships in different Brazilian reef types. Regional Studies in Marine Science, 2016, 8, 33-40.	0.7	14
90	Habitat use of five key species of reef fish in rocky reef systems of southern Brazil: evidences of MPA effectiveness. Marine Biodiversity, 2019, 49, 1027-1036.	1.0	14

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91	Brazilian endemic reef fishes. Coral Reefs, 2001, 19, 292-292.	2.2	13
92	Cleaning mutualism in Santa Luzia (Cape Verde Archipelago) and SÃ£o TomÃ© Islands, Tropical Eastern Atlantic. Marine Biodiversity Records, 2012, 5, .	1.2	13
93	Spatial patterns and drivers of fish and benthic reef communities at SÃ£o TomÃ© Island, Tropical Eastern Atlantic. Marine Ecology, 2018, 39, e12520.	1.1	13
94	Cryptobenthic reef fishes: depth distribution and correlations with habitat complexity and sea urchins. Journal of Fish Biology, 2012, 80, 852-865.	1.6	12
95	Mob rulers and part-time cleaners: two reef fish associations at the isolated Ascension Island. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 799-811.	0.8	12
96	Phylogeny of the comb-tooth blenny genus Scartella (Blenniiformes: Blenniidae) reveals several cryptic lineages and a trans-Atlantic relationship. Zoological Journal of the Linnean Society, 2020, 190, 54-64.	2.3	12
97	Patterns of taxonomic and functional diversity in the global cleaner reef fish fauna. Journal of Biogeography, 2021, 48, 2469-2485.	3.0	12
98	Habitat and community structure modulate fish interactions in a neotropical clearwater river. Neotropical Ichthyology, 2020, 18, .	1.0	12
99	Global patterns and drivers of beta diversity facets of reef fish faunas. Journal of Biogeography, 2022, 49, 954-967.	3.0	12
100	Following fish feeding associations in marine and freshwater habitats. Marine and Freshwater Research, 2017, 68, 381.	1.3	11
101	Cleaning interactions at the only atoll in the South Atlantic. Environmental Biology of Fishes, 2017, 100, 865-875.	1.0	11
102	Comparative phylogeography of reef fishes indicates seamounts as stepping stones for dispersal and diversification. Coral Reefs, 2022, 41, 551-561.	2.2	11
103	Ecology of Prognathodes obliquus, a butterflyfish endemic to mesophotic ecosystems of St. Peter and St. Paulâ€™s Archipelago. Coral Reefs, 2019, 38, 955-960.	2.2	10
104	The <scp>Amazonâ€Orinoco</scp> Barrier as a driver of reefâ€fish speciation in the Western Atlantic through time. Journal of Biogeography, 2022, 49, 1407-1419.	3.0	10
105	Ten new records of reef fish on the coast of Santa Catarina State, Brazil. Marine Biodiversity Records, 2009, 2, .	1.2	9
106	Interaction Networks in Tropical Reefs. , 2018, , 141-154.		9
107	Reef microhabitats mediate fish feeding intensity and agonistic interactions at PrÃncipe Island Biosphere Reserve, Tropical Eastern Atlantic. Marine Ecology, 2020, 41, e12609.	1.1	9
108	Brazilian marine biogeography: a multi-taxa approach for outlining sectorization. Marine Biology, 2022, 169, 1.	1.5	9

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109	Sargo Amarelo, a traditionally recognized hybrid between two species of Brazilian reef fishes. Marine Biodiversity, 2013, 43, 255-256.	1.0	8
110	Predictive factors of species composition of follower fishes in nuclear-follower feeding associations: a snapshot study. Neotropical Ichthyology, 2014, 12, 913-919.	1.0	8
111	High prevalence of dermal parasites among coral reef fishes of CuraÃ§ao. Marine Biodiversity, 2016, 46, 67-74.	1.0	8
112	Reef fish associations with sea urchins in an Atlantic oceanic island. Marine Biodiversity, 2018, 48, 1833-1839.	1.0	8
113	Mismatches between global, national and local red lists and their consequences for Brazilian reef fish conservation. Endangered Species Research, 2012, 18, 247-254.	2.4	8
114	First record of cleaning by a triplefin blenny in the Tropical Pacific. Coral Reefs, 2010, 29, 909-909.	2.2	7
115	Unusual colour patterns of territorial damselfish (Pomacentridae: Stegastes) in the south-western Atlantic. Marine Biodiversity Records, 2011, 4, .	1.2	7
116	Cleaning interactions at the southern limit of tropical reef fishes in the Western Atlantic. Environmental Biology of Fishes, 2018, 101, 1195-1204.	1.0	7
117	Reef fish and benthic community structures of the Santa Luzia Marine Reserve in the Cabo Verde islands, eastern central Atlantic Ocean. African Journal of Marine Science, 2019, 41, 177-190.	1.1	7
118	Spatiotemporal variations in density and biomass of rocky reef fish in a biogeographic climatic transition zone: trends over 9â€‰years, inside and outside the only nearshore noâ€take marineâ€protected area on the southern Brazilian coast. Journal of Fish Biology, 2020, 97, 845-859.	1.6	7
119	Island Biogeography of Marine Shallow-Water Organisms. , 2020, , 61-75.		7
120	The Use of Non-reef Habitats by Brazilian Reef Fish Species: Considerations for the Design of Marine Protected Areas. Natureza A Conservacao, 2011, 9, 79-86.	2.5	7
121	Phylogeography of the banded butterflyfish, Chaetodon striatus, indicates high connectivity between biogeographic provinces and ecosystems in the western Atlantic. Neotropical Ichthyology, 2020, 18, .	1.0	7
122	Parrotfishes of the genus Scarus in southwestern Atlantic oceanic reef environments: occasional pulse or initial colonization?. Marine Biodiversity, 2019, 49, 555-561.	1.0	6
123	Population expansion of the invasive Pomacentridae Chromis limbata (Valenciennes, 1833) in southern Brazilian coast: longâ€term monitoring, fundamental niche availability and new records. Journal of Fish Biology, 2020, 97, 362-373.	1.6	6
124	Conservation status of the southernmost reef of the Amazon Reef System: the Parcel de Manuel LuÃs. Coral Reefs, 2021, 40, 165-185.	2.2	6
125	Coral reef fishes reveal strong divergence in the prevalence of traits along the global diversity gradient. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211712.	2.6	6
126	First record of predation on reproductive Palythoa caribaeorum (Anthozoa: Sphenopidae): insights on the trade-off between chemical defences and nutritional value. Marine Biodiversity Records, 2012, 5, .	1.2	5

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127	First record of the green alga Halimeda (Bryopsidales: Chlorophyta) at Rocas Atollâ€"natural dispersion or anthropogenic causes?. Marine Biodiversity Records, 2014, 7, .	1.2	5
128	The Ecology of Parrotfishes in Marginal Reef Systems. , 2018, , 276-301.		5
129	An updated phylogeny of the redlip blenny genus Ophioblennius. Journal of Fish Biology, 2018, 93, 411-414.	1.6	4
130	A safe haven for potential reproductive aggregations of the critically endangered <scp>Brazilian</scp> guitarfish (<scp>Pseudobatos horkelii</scp>). Journal of Fish Biology, 2021, 99, 2030-2034.	1.6	4
131	Solving the South Atlantic puzzle requires more data, not more speculation. Journal of Biogeography, 2003, 30, 1461-1463.	3.0	3
132	Complex origins of the Lusitania biogeographic province and northeastern Atlantic fishes. Frontiers of Biogeography, 2013, 5, .	1.8	3
133	Archipelago Los Roques: A potential baseline for reef fish assemblages in the southern Caribbean. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 1116-1132.	2.0	3
134	The influence of species abundance, diet and phylogenetic affinity on the co-occurrence of butterflyfishes. Marine Biology, 2020, 167, 1.	1.5	3
135	Predicting the effects of body size, temperature and diet on animal feeding rates. Functional Ecology, 2021, 35, 2229-2240.	3.6	2
136	Syntopic cryptobenthic fishes can coexist with overlapping niches. Marine Biology, 2022, 169, 1.	1.5	2
137	Marine island biogeography. Response to comment on â€˜Island biogeography: patterns of marine shallowâ€water organismsâ€™. Journal of Biogeography, 2016, 43, 2517-2519.	3.0	1
138	REEF FISH FORAGING ASSOCIATIONS AT MALPELO ISLAND, COLOMBIA (TROPICAL EASTERN PACIFIC). Boletin De Investigaciones Marinas Y Costeras, 2016, 43, .	0.1	0
139	Why Are There More Species Packed In Some Places Than Others, And Why Does It Matter?. , 2018, , .		0