Paulo Y G Sumida

List of Publications by Year
in descending order

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Version: 2024-02-01

88 papers	2,664 citations	201674 27 h-index	223800 46 g-index
92 all docs	92 docs citations	92 times ranked	2631 citing authors

#	Article	IF	Citations
1	Rhodolith Beds Are Major CaCO3 Bio-Factories in the Tropical South West Atlantic. PLoS ONE, 2012, 7, e35171.	2.5	230
2	Spatial patterns of benthic megahabitats and conservation planning in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 109-117.	1.8	167
3	Dynamics of Coral Reef Benthic Assemblages of the Abrolhos Bank, Eastern Brazil: Inferences on Natural and Anthropogenic Drivers. PLoS ONE, 2013, 8, e54260.	2.5	141
4	Seabed pockmarks associated with deepwater corals off SE Brazilian continental slope, Santos Basin. Marine Geology, 2004, 207, 159-167.	2.1	114
5	Macrofaunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 708-723.	1.4	103
6	Trophic structure on the West Antarctic Peninsula shelf: Detritivory and benthic inertia revealed by Î´13C and Î´15N analysis. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2502-2514.	1.4	96
7	South Atlantic Coral Reefs Are Major Global Warming Refugia and Less Susceptible to Bleaching. Frontiers in Marine Science, 2020, 7, .	2.5	68
8	Reef fish and benthic assemblages of the Trindade and Martin Vaz Island group, southwestern Atlantic. Brazilian Journal of Oceanography, 2011, 59, 201-212.	0.6	65
9	Mesophotic reef fish assemblages of the remote St. Peter and St. Paulâ€™s Archipelago, Mid-Atlantic Ridge, Brazil. Coral Reefs, 2016, 35, 113-123.	2.2	59
10	Benthic response to upwelling events off the SE Brazilian coast. Marine Ecology - Progress Series, 2005, 291, 35-42.	1.9	57
11	Deep-sea whale fall fauna from the Atlantic resembles that of the Pacific Ocean. Scientific Reports, 2016, 6, 22139.	3.3	56
12	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
13	Lipid biomarkers in surface sediments from an unusual coastal upwelling area from the SW Atlantic Ocean. Organic Geochemistry, 2008, 39, 1385-1399.	1.8	53
14	An extensive pockmark field on the upper Atlantic margin of Southeast Brazil: spatial analysis and its relationship with salt diapirism. Heliyon, 2017, 3, e00257.	3.2	52
15	Deep-sea mining on the Rio Grande Rise (Southwestern Atlantic): A review on environmental baseline, ecosystem services and potential impacts. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 145, 31-58.	1.4	50
16	A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. Frontiers in Marine Science, 2020, 7, .	2.5	45
17	Buracas: Novel and unusual sinkhole-like features in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 118-125.	1.8	43
18	A decade to study deep-sea life. Nature Ecology and Evolution, 2021, 5, 265-267.	7.8	43

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19	Macrofaunal abundance and composition on the West Antarctic Peninsula continental shelf: Evidence for a sediment â€˜food bankâ€™ and similarities to deep-sea habitats. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2491-2501.	1.4	42
20	In situ shifts of predominance between autotrophic and heterotrophic feeding in the reef-building coral Mussismilia hispida: an approach using fatty acid trophic markers. Coral Reefs, 2018, 37, 677-689.	2.2	42
21	Benthic Associations of the Shelfbreak and Upper Slope off Ubatuba-SP, South-eastern Brazil. Estuarine, Coastal and Shelf Science, 1997, 44, 779-784.	2.1	41
22	Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2465-2477.	1.4	40
23	Low coral mortality during the most intense bleaching event ever recorded in subtropical Southwestern Atlantic reefs. Coral Reefs, 2020, 39, 515-521.	2.2	38
24	Carbon mineralization pathways and bioturbation in coastal Brazilian sediments. Scientific Reports, 2015, 5, 16122.	3.3	34
25	Production in Giant Clam Aquaculture: Trends and Challenges. Reviews in Fisheries Science and Aquaculture, 2017, 25, 286-296.	9.1	33
26	Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 35-44.	1.4	32
27	Marine Invertebrate Larvae Associated with Symbiodinium: A Mutualism from the Start?. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	32
28	Burrow morphology and mating behaviour of the thalassinidean shrimp Upogebia noronhensis. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 799-803.	0.8	31
29	Expression of a symbiosis-specific gene in Symbiodinium type A1 associated with coral, nudibranch and giant clam larvae. Royal Society Open Science, 2017, 4, 170253.	2.4	31
30	Reproduction, dispersal and settlement of the bathyal ophiuroid Ophiocten gracilis in the NE Atlantic Ocean. Marine Biology, 2000, 137, 623-630.	1.5	29
31	Bone-eating Osedax worms (Annelida: Siboglinidae) regulate biodiversity of deep-sea whale-fall communities. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 4-12.	1.4	27
32	Early development, survival and growth rates of the giant clam Tridacna crocea (Bivalvia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (	0.6	26
33	Macrofaunal community structure and biodiversity patterns based on a wood-fall experiment in the deep South-west Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 145, 73-82.	1.4	26
34	Postlarval development in shallow and deep-sea ophiuroids (Echinodermata: Ophiuroidea) of the NE Atlantic Ocean. Zoological Journal of the Linnean Society, 1998, 124, 267-300.	2.3	25
35	Early juvenile development of deep-sea asteroids of the NE Atlantic Ocean, with notes on juvenile bathymetric distributions. Acta Zoologica, 2001, 82, 11-40.	0.8	25
36	Effects of coastal upwelling on the structure of macrofaunal communities in SE Brazil. Journal of Marine Systems, 2015, 143, 120-129.	2.1	25

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37	Vertical distribution of benthic invertebrate larvae during an upwelling event along a transect off the tropical Brazilian continental margin. Journal of Marine Systems, 2010, 79, 124-133.	2.1	24
38	Sinkhole-like structures as bioproductivity hotspots in the Abrolhos Bank. Continental Shelf Research, 2013, 70, 126-134.	1.8	23
39	A new Capitella polychaete worm (Annelida: Capitellidae) living inside whale bones in the abyssal South Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 108, 23-31.	1.4	22
40	Trophic structure and chemosynthesis contributions to heterotrophic fauna inhabiting an abyssal whale carcass. Marine Ecology - Progress Series, 2018, 596, 1-12.	1.9	21
41	Habitat suitability and environmental niche comparison of cold-water coral species along the Brazilian continental margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 155, 103147.	1.4	20
42	Effect of plankton-derived organic matter on the microbial community of coastal marine sediments. Journal of Experimental Marine Biology and Ecology, 2014, 461, 257-266.	1.5	19
43	Benthopelagic megafauna assemblages of the Rio Grande Rise (SW Atlantic). Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 134, 1-11.	1.4	19
44	Molecular evidence of symbiotic activity between Symbiodinium and Tridacna maxima larvae. Symbiosis, 2017, 72, 13-22.	2.3	18
45	Diversity of bone-eating Osedax worms on the deep Atlantic whale fallsâ€”bathymetric variation and inter-basin distributions. Marine Biodiversity, 2019, 49, 2587-2599.	1.0	18
46	Macrofauna associated with the brown algae Dictyota spp. (Phaeophyceae, Dictyotaceae) in the SebastiÃ£o Gomes Reef and Abrolhos Archipelago, Bahia, Brazil. Continental Shelf Research, 2013, 70, 140-149.	1.8	17
47	Deep-sea dives reveal an unexpected hexactinellid sponge garden on the Rio Grande Rise (SW Atlantic). A mimicking habitat?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 93-100.	1.4	17
48	Multidisciplinary Scientific Cruise to the Rio Grande Rise. Frontiers in Marine Science, 2019, 6, .	2.5	17
49	The Alpha Crucis Carbonate Ridge (ACCR): Discovery of a giant ring-shaped carbonate complex on the SW Atlantic margin. Scientific Reports, 2019, 9, 18697.	3.3	17
50	Bacterial diversity in deep-sea sediments under influence of asphalt seep at the SÃ£o Paulo Plateau. Antonie Van Leeuwenhoek, 2020, 113, 707-717.	1.7	17
51	Temporal, diel and spatial variability of decapod larvae from St Paul's Rocks, an equatorial oceanic island of Brazil. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 1227-1239.	0.8	16
52	Benthic responses to organic matter variation in a subtropical coastal area off SE Brazil. Marine Ecology, 2010, 31, 457-472.	1.1	16
53	Deep risks from offshore development. Science, 2017, 358, 312-312.	12.6	15
54	A new species of xylophilic fireworm (Annelida: Amphinomidae: Cryptonome) from deep-sea wood falls in the SW Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 137, 66-75.	1.4	15

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55	An integrative approach distinguishes three new species of Abyssochrysoidea (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 of the Linnean Society, 2021, 191, 748-771.	2.3	14
56	A new eyeless species of Neanthes (Annelida: Nereididae) associated with a whale-fall community from the deep Southwest Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 27-34.	1.4	13
57	Improving soil carbon estimates of mudflats in AraÃ§Ã¡ Bay using spatial models that consider riverine input, wave exposure and biogeochemistry. Estuarine, Coastal and Shelf Science, 2020, 238, 106734.	2.1	13
58	Production of three symbiosis-related fatty acids by Symbiodinium types in clades Aâ€“F associated with marine invertebrate larvae. Coral Reefs, 2017, 36, 1319-1328.	2.2	12
59	Bleaching in reef invertebrate larvae associated with Symbiodinium strains within clades Aâ€“F. Marine Biology, 2018, 165, 1.	1.5	12
60	Diversity, Distribution and Phylogeny of Hesionidae (Annelida) Colonizing Whale Falls: New Species of Sirsoe and Connections Between Ocean Basins. Frontiers in Marine Science, 2019, 6, .	2.5	12
61	Evidence against mutualism in an aeolid nudibranch associated with Symbiodiniaceae dinoflagellates. Symbiosis, 2019, 79, 183-189.	2.3	12
62	New species of bone-eating worm Osedax from the abyssal South Atlantic Ocean (Annelida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.1	12
63	Seasonal dynamics of megafauna on the deep West Antarctic Peninsula shelf in response to variable phytodetrital influx. Royal Society Open Science, 2014, 1, 140294.	2.4	11
64	Dominance of Epsilonproteobacteria associated with a whale fall at a 4204 m depth â€“ South Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 53-58.	1.4	11
65	Benthic community structure and organic matter variation in response to oceanographic events on the Brazilian SE inner shelf. Continental Shelf Research, 2014, 85, 106-116.	1.8	10
66	Illustrated key for the identification of the known zoeal stages of brachyuran crabs (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.5	9
67	Deep-Sea Habitats and Megafauna on the Slopes of the SÃ£o Paulo Ridge, SW Atlantic. Frontiers in Marine Science, 2020, 7, .	2.5	9
68	Molecular affinity of Southwest Atlantic Alvinocaris muricola with Atlantic Equatorial Belt populations. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 163, 103343.	1.4	9
69	Juvenile Cassiopea andromeda medusae are resistant to multiple thermal stress events. Marine Biology, 2020, 167, 1.	1.5	9
70	Implications of feeding frequency, prey size and condition, and intraspecific competition for the commercial aquaculture of the nudibranch Berghia stephanieae. Journal of the World Aquaculture Society, 2020, 51, 244-254.	2.4	8
71	The valviferan isopods (Crustacea peracarida) from Bransfield Strait and adjacent waters, Antarctica. Ophelia, 1997, 46, 11-34.	0.3	7
72	Descriptions and Phylogenetic Significance of the Fronto-lateral Gland Pores and Dorsal Lattice Organs of Cyprid Larvae of Seven Species of Barnacles (Cirripedia: Thoracica: Pedunculata). Journal of Crustacean Biology, 2008, 28, 203-215.	0.8	7

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73	Sphaerodoropsis kitazatoi, a new species and the first record of Sphaerodoridae (Annelida:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Topical Studies in Oceanography, 2017, 146, 18-26.	1.4	7
74	Successful spawning and a possible solution for broodstock mortality in giant clams (Tridacnidae): a neurotransmitter injection through the byssal orifice. Aquaculture Research, 2013, 44, 671-676.	1.8	6
75	Thermal plasticity of coral reef symbionts is linked to major alterations in their lipidome composition. Limnology and Oceanography, 2022, 67, 1456-1469.	3.1	6
76	Editorial: Rich geo- and bio-diversities exist in the South West Atlantic deep-sea: The first human-occupied submersible Shinkai 6500 dive cruise (IatÃ¡-piÃºna). Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 1-3.	1.4	5
77	A new gastropod associated with a deep-sea whale carcass from SÃ£o Paulo Ridge, Southwest Atlantic. Zootaxa, 2019, 4568, 347.	0.5	5
78	Descriptions and Phylogenetic Significance of the Fronto-Lateral Gland Pores and Dorsal Lattice Organs of Cyprid Larvae of Seven Species of Barnacles (Cirripedia: Thoracica: Pedunculata). Journal of Crustacean Biology, 2008, 28, 203-215.	0.8	5
79	Ophiuroid growth within deep-sea sediment traps: A problem for carbon flux measurements at continental margins. Limnology and Oceanography, 2002, 47, 571-575.	3.1	4
80	Pressure tolerance of tadpole larvae of the Atlantic ascidian Polyandrocarpa zorritensis: potential for deep-sea invasion. Brazilian Journal of Oceanography, 2015, 63, 515-520.	0.6	4
81	Microbial biomass response to different quantities and sources of organic matter in <scp>B</scp>razilian coastal sediments. Marine Ecology, 2015, 36, 766-779.	1.1	4
82	Giant Clam Aquaculture: a Review on Induced Spawning and Larval Rearing. International Journal of Marine Science, 0, , .	0.0	4
83	Chemical characterization of deep-sea corals from the continental slope of Santos Basin (southeastern Brazilian upper margin). Ocean and Coastal Research, 2022, 70, .	0.6	4
84	Distribution and Sediment Selection by the Mud Shrimp Upogebia noronhensis (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Marine Science and Engineering, 2020, 8, 1032.	2.6	3
85	Morphological, molecular and phylogenetic characterization of a new Chloeia (Annelida:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 171, 103499.	1.4	3
86	Early postâ€metamorphic ontogenesis of deepâ€sea spatangoids (Echinoidea, Spatangoida) of the NE Atlantic Ocean. Invertebrate Biology, 2001, 120, 378-385.	0.9	2
87	Contrasting Modes of Mitochondrial Genome Evolution in Sister Taxa of Wood-Eating Marine Bivalves (Teredinidae and Xylophagaidae). Genome Biology and Evolution, 2022, 14, .	2.5	2
88	VisSed Software as a tool in monitoring programs for benthic data interpretation. Revista Intertox De Toxicologia Risco Ambiental E Sociedade, 2015, 8, .	0.1	0