

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
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223800

46
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92
all docs

92
docs citations

92
times ranked

2631
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Thermal plasticity of coral reef symbionts is linked to major alterations in their lipidome composition. <i>Limnology and Oceanography</i> , 2022, 67, 1456-1469. | 3.1 | 6 |
| 2 | Contrasting Modes of Mitochondrial Genome Evolution in Sister Taxa of Wood-Eating Marine Bivalves (Teredinidae and Xylophagaidae). <i>Genome Biology and Evolution</i> , 2022, 14, . | 2.5 | 2 |
| 3 | Chemical characterization of deep-sea corals from the continental slope of Santos Basin (southeastern Brazilian upper margin). <i>Ocean and Coastal Research</i> , 2022, 70, . | 0.6 | 4 |
| 4 | An integrative approach distinguishes three new species of Abyssochrysoidea (Mollusca: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (of the Linnean Society, 2021, 191, 748-771. | 2.3 | 14 |
| 5 | A decade to study deep-sea life. <i>Nature Ecology and Evolution</i> , 2021, 5, 265-267. | 7.8 | 43 |
| 6 | A blueprint for securing Brazil's marine biodiversity and supporting the achievement of global conservation goals. <i>Diversity and Distributions</i> , 2021, 27, 198-215. | 4.1 | 55 |
| 7 | Morphological, molecular and phylogenetic characterization of a new <i>Chloeia</i> (Annelida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 171, 103499. | 1.4 | 3 |
| 8 | Implications of feeding frequency, prey size and condition, and intraspecific competition for the commercial aquaculture of the nudibranch <i>Berghia stephanieae</i> . <i>Journal of the World Aquaculture Society</i> , 2020, 51, 244-254. | 2.4 | 8 |
| 9 | Low coral mortality during the most intense bleaching event ever recorded in subtropical Southwestern Atlantic reefs. <i>Coral Reefs</i> , 2020, 39, 515-521. | 2.2 | 38 |
| 10 | Habitat suitability and environmental niche comparison of cold-water coral species along the Brazilian continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 155, 103147. | 1.4 | 20 |
| 11 | Deep-Sea Habitats and Megafauna on the Slopes of the São Paulo Ridge, SW Atlantic. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 9 |
| 12 | A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 45 |
| 13 | Molecular affinity of Southwest Atlantic <i>Alvinocaris muricola</i> with Atlantic Equatorial Belt populations. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 163, 103343. | 1.4 | 9 |
| 14 | Juvenile <i>Cassiopea andromeda</i> medusae are resistant to multiple thermal stress events. <i>Marine Biology</i> , 2020, 167, 1. | 1.5 | 9 |
| 15 | Distribution and Sediment Selection by the Mud Shrimp <i>Upogebia noronhensis</i> (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Marine Science and Engineering, 2020, 8, 1032. | 2.6 | 3 |
| 16 | South Atlantic Coral Reefs Are Major Global Warming Refugia and Less Susceptible to Bleaching. <i>Frontiers in Marine Science</i> , 2020, 7, . | 2.5 | 68 |
| 17 | Bacterial diversity in deep-sea sediments under influence of asphalt seep at the São Paulo Plateau. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 707-717. | 1.7 | 17 |
| 18 | Improving soil carbon estimates of mudflats in Araçá Bay using spatial models that consider riverine input, wave exposure and biogeochemistry. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 238, 106734. | 2.1 | 13 |

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|----|---|-----|-----------|
| 19 | Diversity of bone-eating Osedax worms on the deep Atlantic whale falls—bathymetric variation and inter-basin distributions. <i>Marine Biodiversity</i> , 2019, 49, 2587-2599. | 1.0 | 18 |
| 20 | Diversity, Distribution and Phylogeny of Hesionidae (Annelida) Colonizing Whale Falls: New Species of <i>Sirsoe</i> and Connections Between Ocean Basins. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 12 |
| 21 | Macrofaunal community structure and biodiversity patterns based on a wood-fall experiment in the deep South-west Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 145, 73-82. | 1.4 | 26 |
| 22 | Multidisciplinary Scientific Cruise to the Rio Grande Rise. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 17 |
| 23 | Evidence against mutualism in an aeolid nudibranch associated with Symbiodiniaceae dinoflagellates. <i>Symbiosis</i> , 2019, 79, 183-189. | 2.3 | 12 |
| 24 | A new gastropod associated with a deep-sea whale carcass from São Paulo Ridge, Southwest Atlantic. <i>Zootaxa</i> , 2019, 4568, 347. | 0.5 | 5 |
| 25 | The Alpha Crucis Carbonate Ridge (ACCR): Discovery of a giant ring-shaped carbonate complex on the SW Atlantic margin. <i>Scientific Reports</i> , 2019, 9, 18697. | 3.3 | 17 |
| 26 | Deep-sea mining on the Rio Grande Rise (Southwestern Atlantic): A review on environmental baseline, ecosystem services and potential impacts. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 145, 31-58. | 1.4 | 50 |
| 27 | New species of bone-eating worm <i>Osedax</i> from the abyssal South Atlantic Ocean (Annelida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.4 | 12 |
| 28 | Benthopelagic megafauna assemblages of the Rio Grande Rise (SW Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 134, 1-11. | 1.4 | 19 |
| 29 | Bleaching in reef invertebrate larvae associated with Symbiodinium strains within clades A and F. <i>Marine Biology</i> , 2018, 165, 1. | 1.5 | 12 |
| 30 | A new species of xylophilic fireworm (Annelida: Amphinomidae: <i>Cryptonome</i>) from deep-sea wood falls in the SW Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 137, 66-75. | 1.4 | 15 |
| 31 | In situ shifts of predominance between autotrophic and heterotrophic feeding in the reef-building coral <i>Mussismilia hispida</i> : an approach using fatty acid trophic markers. <i>Coral Reefs</i> , 2018, 37, 677-689. | 2.2 | 42 |
| 32 | Trophic structure and chemosynthesis contributions to heterotrophic fauna inhabiting an abyssal whale carcass. <i>Marine Ecology - Progress Series</i> , 2018, 596, 1-12. | 1.9 | 21 |
| 33 | Molecular evidence of symbiotic activity between Symbiodinium and <i>Tridacna maxima</i> larvae. <i>Symbiosis</i> , 2017, 72, 13-22. | 2.3 | 18 |
| 34 | Production in Giant Clam Aquaculture: Trends and Challenges. <i>Reviews in Fisheries Science and Aquaculture</i> , 2017, 25, 286-296. | 9.1 | 33 |
| 35 | <i>Sphaerodoropsis kitazatoi</i> , a new species and the first record of Sphaerodoridae (Annelida:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 Topical Studies in Oceanography, 2017, 146, 18-26. | 1.4 | 7 |
| 36 | Bone-eating <i>Osedax</i> worms (Annelida: Siboglinidae) regulate biodiversity of deep-sea whale-fall communities. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 4-12. | 1.4 | 27 |

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|----|--|------|-----------|
| 37 | Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 35-44. | 1.4 | 32 |
| 38 | An extensive pockmark field on the upper Atlantic margin of Southeast Brazil: spatial analysis and its relationship with salt diapirism. <i>Heliyon</i> , 2017, 3, e00257. | 3.2 | 52 |
| 39 | Dominance of Epsilonproteobacteria associated with a whale fall at a 4204 m depth “ South Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 53-58. | 1.4 | 11 |
| 40 | Production of three symbiosis-related fatty acids by Symbiodinium types in clades A–F associated with marine invertebrate larvae. <i>Coral Reefs</i> , 2017, 36, 1319-1328. | 2.2 | 12 |
| 41 | Deep risks from offshore development. <i>Science</i> , 2017, 358, 312-312. | 12.6 | 15 |
| 42 | Expression of a symbiosis-specific gene in <i>Symbiodinium</i> type A1 associated with coral, nudibranch and giant clam larvae. <i>Royal Society Open Science</i> , 2017, 4, 170253. | 2.4 | 31 |
| 43 | Deep-sea dives reveal an unexpected hexactinellid sponge garden on the Rio Grande Rise (SW Atlantic). A mimicking habitat?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 93-100. | 1.4 | 17 |
| 44 | A new eyeless species of <i>Neanthes</i> (Annelida: Nereididae) associated with a whale-fall community from the deep Southwest Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 27-34. | 1.4 | 13 |
| 45 | Editorial: Rich geo- and bio-diversities exist in the South West Atlantic deep-sea: The first human-occupied submersible Shinkai 6500 dive cruise (lat;pi-na). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 146, 1-3. | 1.4 | 5 |
| 46 | Marine Invertebrate Larvae Associated with Symbiodinium: A Mutualism from the Start?. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, . | 2.2 | 32 |
| 47 | Deep-sea whale fall fauna from the Atlantic resembles that of the Pacific Ocean. <i>Scientific Reports</i> , 2016, 6, 22139. | 3.3 | 56 |
| 48 | A new <i>Capitella</i> polychaete worm (Annelida: Capitellidae) living inside whale bones in the abyssal South Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 108, 23-31. | 1.4 | 22 |
| 49 | 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. | 2.2 | 59 |
| 50 | Carbon mineralization pathways and bioturbation in coastal Brazilian sediments. <i>Scientific Reports</i> , 2015, 5, 16122. | 3.3 | 34 |
| 51 | Pressure tolerance of tadpole larvae of the Atlantic ascidian <i>Polyandrocarpa zorritensis</i> : potential for deep-sea invasion. <i>Brazilian Journal of Oceanography</i> , 2015, 63, 515-520. | 0.6 | 4 |
| 52 | Microbial biomass response to different quantities and sources of organic matter in Brazilian coastal sediments. <i>Marine Ecology</i> , 2015, 36, 766-779. | 1.1 | 4 |
| 53 | Effects of coastal upwelling on the structure of macrofaunal communities in SE Brazil. <i>Journal of Marine Systems</i> , 2015, 143, 120-129. | 2.1 | 25 |
| 54 | VisSed Software as a tool in monitoring programs for benthic data interpretation. <i>Revista Intertox De Toxicologia Risco Ambiental E Sociedade</i> , 2015, 8, . | 0.1 | 0 |

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|----|---|-----|-----------|
| 55 | Effect of plankton-derived organic matter on the microbial community of coastal marine sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 257-266. | 1.5 | 19 |
| 56 | Benthic community structure and organic matter variation in response to oceanographic events on the Brazilian SE inner shelf. <i>Continental Shelf Research</i> , 2014, 85, 106-116. | 1.8 | 10 |
| 57 | Seasonal dynamics of megafauna on the deep West Antarctic Peninsula shelf in response to variable phytodetrital influx. <i>Royal Society Open Science</i> , 2014, 1, 140294. | 2.4 | 11 |
| 58 | Successful spawning and a possible solution for broodstock mortality in giant clams (Tridacnidae): a neurotransmitter injection through the byssal orifice. <i>Aquaculture Research</i> , 2013, 44, 671-676. | 1.8 | 6 |
| 59 | Macrofauna associated with the brown algae <i>Dictyota</i> spp. (Phaeophyceae, Dictyotaceae) in the Sebastião Gomes Reef and Abrolhos Archipelago, Bahia, Brazil. <i>Continental Shelf Research</i> , 2013, 70, 140-149. | 1.8 | 17 |
| 60 | Buracas: Novel and unusual sinkhole-like features in the Abrolhos Bank. <i>Continental Shelf Research</i> , 2013, 70, 118-125. | 1.8 | 43 |
| 61 | Spatial patterns of benthic megahabitats and conservation planning in the Abrolhos Bank. <i>Continental Shelf Research</i> , 2013, 70, 109-117. | 1.8 | 167 |
| 62 | Sinkhole-like structures as bioproductivity hotspots in the Abrolhos Bank. <i>Continental Shelf Research</i> , 2013, 70, 126-134. | 1.8 | 23 |
| 63 | Dynamics of Coral Reef Benthic Assemblages of the Abrolhos Bank, Eastern Brazil: Inferences on Natural and Anthropogenic Drivers. <i>PLoS ONE</i> , 2013, 8, e54260. | 2.5 | 141 |
| 64 | Rhodolith Beds Are Major CaCO ₃ Bio-Factories in the Tropical South West Atlantic. <i>PLoS ONE</i> , 2012, 7, e35171. | 2.5 | 230 |
| 65 | Early development, survival and growth rates of the giant clam <i>Tridacna crocea</i> (Bivalvia): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 | 0.6 | 26 |
| 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 | 30 |
| 67 | 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 |
| 68 | Temporal, diel and spatial variability of decapod larvae from St Paul's Rocks, an equatorial oceanic island of Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1227-1239. | 0.8 | 16 |
| 69 | Vertical distribution of benthic invertebrate larvae during an upwelling event along a transect off the tropical Brazilian continental margin. <i>Journal of Marine Systems</i> , 2010, 79, 124-133. | 2.1 | 24 |
| 70 | Benthic responses to organic matter variation in a subtropical coastal area off SE Brazil. <i>Marine Ecology</i> , 2010, 31, 457-472. | 1.1 | 16 |
| 71 | Macrofaunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 708-723. | 1.4 | 103 |
| 72 | Lipid biomarkers in surface sediments from an unusual coastal upwelling area from the SW Atlantic Ocean. <i>Organic Geochemistry</i> , 2008, 39, 1385-1399. | 1.8 | 53 |

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|----|--|-----|-----------|
| 73 | Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2465-2477. | 1.4 | 40 |
| 74 | Macrofaunal abundance and composition on the West Antarctic Peninsula continental shelf: Evidence for a sediment "food bank" and similarities to deep-sea habitats. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2491-2501. | 1.4 | 42 |
| 75 | Trophic structure on the West Antarctic Peninsula shelf: Detritivory and benthic inertia revealed by $\delta^{13}C$ and $\delta^{15}N$ analysis. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2502-2514. | 1.4 | 96 |
| 76 | 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). <i>Journal of Crustacean Biology</i> , 2008, 28, 203-215. | 0.8 | 7 |
| 77 | 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). <i>Journal of Crustacean Biology</i> , 2008, 28, 203-215. | 0.8 | 5 |
| 78 | Benthic response to upwelling events off the SE Brazilian coast. <i>Marine Ecology - Progress Series</i> , 2005, 291, 35-42. | 1.9 | 57 |
| 79 | Seabed pockmarks associated with deepwater corals off SE Brazilian continental slope, Santos Basin. <i>Marine Geology</i> , 2004, 207, 159-167. | 2.1 | 114 |
| 80 | Ophiuroid growth within deep-sea sediment traps: A problem for carbon flux measurements at continental margins. <i>Limnology and Oceanography</i> , 2002, 47, 571-575. | 3.1 | 4 |
| 81 | Early juvenile development of deep-sea asteroids of the NE Atlantic Ocean, with notes on juvenile bathymetric distributions. <i>Acta Zoologica</i> , 2001, 82, 11-40. | 0.8 | 25 |
| 82 | Burrow morphology and mating behaviour of the thalassinidean shrimp <i>Upogebia noronhensis</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 799-803. | 0.8 | 31 |
| 83 | Early postmetamorphic ontogenesis of deep-sea spatangoids (Echinoidea, Spatangoida) of the NE Atlantic Ocean. <i>Invertebrate Biology</i> , 2001, 120, 378-385. | 0.9 | 2 |
| 84 | Reproduction, dispersal and settlement of the bathyal ophiuroid <i>Ophiocten gracilis</i> in the NE Atlantic Ocean. <i>Marine Biology</i> , 2000, 137, 623-630. | 1.5 | 29 |
| 85 | Postlarval development in shallow and deep-sea ophiuroids (Echinodermata: Ophiuroidea) of the NE Atlantic Ocean. <i>Zoological Journal of the Linnean Society</i> , 1998, 124, 267-300. | 2.3 | 25 |
| 86 | The valviferan isopods (Crustacea peracarida) from Bransfield Strait and adjacent waters, Antarctica. <i>Ophelia</i> , 1997, 46, 11-34. | 0.3 | 7 |
| 87 | Benthic Associations of the Shelfbreak and Upper Slope off Ubatuba-SP, South-eastern Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 1997, 44, 779-784. | 2.1 | 41 |
| 88 | Giant Clam Aquaculture: a Review on Induced Spawning and Larval Rearing. <i>International Journal of Marine Science</i> , 0, , . | 0.0 | 4 |