

Guilherme Muricy

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,181
citations

257450

24
h-index

243625

44
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82
all docs

82
docs citations

82
times ranked

2329
citing authors

#	ARTICLE	IF	CITATIONS
1	Manned submersible dives reveal a singular assemblage of Hexactinellida (Porifera) off the Amazon River mouth, Northern Brazil. <i>Zootaxa</i> , 2022, 5105, 105-130.	0.5	1
2	Distribution, population structure and settlement preference of <i>Tubastraea</i> spp. (Cnidaria) in the Amazon River mouth, Northern Brazil. <i>Regional Studies in Marine Science</i> , 2022, 52, 102245.	0.7	2
3	High reduction of staphylococcal biofilm by aqueous extract from marine sponge-isolated <i>Enterobacter</i> sp.. <i>Research in Microbiology</i> , 2021, 172, 103787.	2.1	7
4	Taxonomy and distribution of <i>Didiscus</i> and <i>Myrmekeioderma</i> (Demospongiae: Axinellida) off the mouths of the two largest rivers in Brazil, with description of four new species. <i>Marine Biodiversity</i> , 2021, 51, 1.	1.0	1
5	Metabolomic fingerprinting of Brazilian marine sponges: a case study of Plakinidae species from Fernando de Noronha Archipelago. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4301-4310.	3.7	2
6	Taxonomy of <i>Geodia</i> and <i>Rhabdastrella</i> from the Brazilian coast: a new species, new synonyms and redescription of <i>Geodia tylastra</i> (Demospongiae: Astrophorina: Geodiidae and Ancorinidae). <i>Zootaxa</i> , 2021, 4995, 281-302.	0.5	1
7	Taxonomy of some Indian and Pacific oceans <i>Corticium</i> , with the description of three new species from Western Australia (Porifera: Homosclerophorida). <i>Zootaxa</i> , 2021, 4981, 4769.	0.5	0
8	Genomic and in silico protein structural analyses provide insights into marine polysaccharide-degrading enzymes in the sponge-derived <i>Pseudoalteromonas</i> sp. PA2MD11. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 973-995.	7.5	1
9	<i>Bacillus</i> Strains Associated to <i>Homoscleromorpha</i> Sponges are Highly Active Against Multidrug Resistant Bacteria. <i>Current Microbiology</i> , 2020, 77, 807-815.	2.2	24
10	Not That Close to Mommy: Horizontal Transmission Seeds the Microbiome Associated with the Marine Sponge <i>Plakina cyanorosea</i> . <i>Microorganisms</i> , 2020, 8, 1978.	3.6	11
11	Taxonomy of <i>Melophlus Thiele</i> , 1899 and <i>Stellettinopsis</i> Carter, 1879, with description of two new species from Brazil (Demospongiae: Astrophorina). <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	2
12	Biodiversity and structure of marine sponge assemblages around a subtropical island. <i>Hydrobiologia</i> , 2020, 847, 1281-1299.	2.0	3
13	Peeling the Layers Away: The Genomic Characterization of <i>Bacillus pumilus</i> 64-1, an Isolate With Antimicrobial Activity From the Marine Sponge <i>Plakina cyanorosea</i> (Porifera, Homoscleromorpha). <i>Frontiers in Microbiology</i> , 2020, 11, 592735.	3.5	9
14	Integrative taxonomy widens our knowledge of the diversity, distribution and biology of the genus <i>Plakina</i> (Homosclerophorida: Plakinidae). <i>Invertebrate Systematics</i> , 2019, , .	1.3	18
15	<i>Ircinia strobilina</i> crude extract as corrosion inhibitor for mild steel in acid medium. <i>Electrochimica Acta</i> , 2019, 312, 137-148.	5.2	120
16	<i>Paraclostridium</i> is the Main Genus of Anaerobic Bacteria Isolated from New Species of the Marine Sponge <i>Plakina</i> in the Brazilian Southeast Coast. <i>Current Microbiology</i> , 2019, 76, 713-722.	2.2	4
17	Taxonomy of <i>Plakina</i> (Porifera: Homoscleromorpha) from Aegean submarine caves, with descriptions of three new species and new characters for the genus. <i>Marine Biodiversity</i> , 2019, 49, 727-747.	1.0	6
18	New sciaphilic plakinids (Porifera, Homoscleromorpha) from the Central-Western Pacific. <i>Zootaxa</i> , 2018, 4466, 8-38.	0.5	3

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19	A new cave-dwelling species of Plakina (Porifera: Homoscleromorpha) from Crete, Greece (South) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	0.5	3
20	Taxonomy of deep-water tetillid sponges (Porifera, Demospongiae, Spirophorina) from Brazil, with description of three new species and new characters. Zootaxa, 2018, 4429, 53.	0.5	3
21	Culturable bacterial communities associated to Brazilian Oscarella species (Porifera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	1.7	20
22	Validation of Tethya samaai Ribeiro & Muricy, 2011, replacement name for the sponge Tethya rubra Samaai & Gibbons, 2005 (Demospongiae, Tethyida, Tethyidae). Zootaxa, 2017, 4347, 592.	0.5	0
23	Taxonomy and phylogeny of calcareous sponges (Porifera: Calcarea: Calcinea) from Brazilian mid-shelf and oceanic islands. Zootaxa, 2017, 4311, .	0.5	18
24	Antibiotic resistance genes detected in the marine sponge Petromica citrina from Brazilian coast. Brazilian Journal of Microbiology, 2016, 47, 617-620.	2.0	12
25	Overview of the biodiversity and distribution of the Class Homoscleromorpha in the Tropical Western Atlantic. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 379-389.	0.8	13
26	Hexactinellid sponges reported from shallow waters in the Oligo-Miocene Pirabas Formation (N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.4	5
27	Thorectinae (Porifera: Demospongiae: Dictyoceratida) from Northeastern Brazil: two new species and transfer of Scalarispongia cincta (Boury-Esnault, 1973) to the genus Thorecta Lendenfeld, 1888. Zootaxa, 2016, 4184, 158.	0.5	1
28	An example of the importance of labels and fieldbooks in scientific collections: A freshwater sponge misunderstood for a marine new genus and species. Zootaxa, 2015, 3974, 447-50.	0.5	4
29	A new species of Haliclona (Demospongiae: Haplosclerida: Chalinidae) from southeastern Brazil and the first record of Haliclona vansoesti from the Brazilian coast. Zootaxa, 2015, 3925, 536-50.	0.5	10
30	Investigation of biotechnological potential of sponge-associated bacteria collected in Brazilian coast. Letters in Applied Microbiology, 2015, 60, 140-147.	2.2	43
31	Marine sponges with contrasting life histories can be complementary biomonitors of heavy metal pollution in coastal ecosystems. Environmental Science and Pollution Research, 2014, 21, 5785-5794.	5.3	43
32	Potential Application in Mercury Bioremediation of a Marine Sponge-Isolated Bacillus cereus strain Pj1. Current Microbiology, 2014, 69, 374-380.	2.2	25
33	Mercury and methylmercury detoxification potential by sponge-associated bacteria. Antonie Van Leeuwenhoek, 2014, 106, 585-590.	1.7	23
34	New records of Catenicella de Blainville, 1830 (Catenicellidae: Cheilostomata: Ascophora) in Rio de Janeiro State, Brazil. Check List, 2014, 10, 170.	0.4	5
35	Characterization of Cultivable Bacteria from Brazilian Sponges. Marine Biotechnology, 2013, 15, 668-676.	2.4	12
36	A new species of Latrunculia (Biannulata) (Porifera: Demospongiae) from Rio de Janeiro, south-eastern Brazil. Marine Biodiversity, 2013, 43, 105-111.	1.0	3

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37	Appraisal of Antiophidic Potential of Marine Sponges against <i>Bothrops jararaca</i> and <i>Lachesis muta</i> Venom. <i>Toxins</i> , 2013, 5, 1799-1813.	3.4	8
38	Diet of the queen angelfish <i>Holocanthus ciliaris</i> (Pomacanthidae) in São Pedro e São Paulo Archipelago, Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 453-460.	0.8	8
39	Antifouling activity of twelve demosponges from Brazil. <i>Brazilian Journal of Biology</i> , 2013, 73, 501-506.	0.9	8
40	Four new species of Plakinidae (Porifera: Homoscleromorpha) from Brazil. <i>Zootaxa</i> , 2013, 3718, 530.	0.5	11
41	Antibacterial activity and cytotoxicity analysis of halistanol trisulphate from marine sponge <i>Petromica citrina</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2396-2400.	3.0	15
42	Three new species of <i>Strongylacidon</i> (Chondropsidae: Poecilosclerida: Demospongiae) from north-east Brazil, with new morphological characters for the family. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 859-867.	0.8	4
43	Antimicrobial activity of marine sponges against coagulase-negative staphylococci isolated from bovine mastitis. <i>Veterinary Microbiology</i> , 2012, 155, 362-368.	1.9	20
44	High intraspecific variation in the diet of the french angelfish <i>Pomacanthus paru</i> in the south-western Atlantic. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 449-454.	0.6	16
45	Taxonomic revision of some lepraliomorph cheilostome bryozoans (Bryozoa: Lepraliomorpha) from Rio de Janeiro State, Brazil. <i>Journal of Natural History</i> , 2011, 45, 767-798.	0.5	24
46	Oroidin Inhibits the Activity of the Multidrug Resistance Target Pdr5p from Yeast Plasma Membranes. <i>Journal of Natural Products</i> , 2011, 74, 279-282.	3.0	16
47	Evaluation of Marine Brown Algae and Sponges from Brazil as Anticoagulant and Antiplatelet Products. <i>Marine Drugs</i> , 2011, 9, 1346-1358.	4.6	17
48	Diversity of Indo-Australian Plakortis (Demospongiae: Plakinidae), with description of four new species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 303-319.	0.8	19
49	Taxonomic revision of Brazilian <i>Tethya</i> (Porifera: Hadromerida) with description of four new species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 1511-1528.	0.8	4
50	Environmental Shaping of Sponge Associated Archaeal Communities. <i>PLoS ONE</i> , 2010, 5, e15774.	2.5	84
51	Antibiotic-resistant bacteria inhibited by extracts and fractions from Brazilian marine sponges. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 267-275.	1.4	15
52	A new species of <i>Thorecta</i> (Porifera: Demospongiae) from the western Atlantic, with remarks on the taxonomy of the genus. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 775-782.	0.8	2
53	Insights into Chemistry of Biological Materials: Newly Discovered Silica-Aragonite-Chitin Biocomposites in Demosponges. <i>Chemistry of Materials</i> , 2010, 22, 1462-1471.	6.7	112
54	Three-dimensional chitin-based scaffolds from Verongida sponges (Demospongiae: Porifera). Part I. Isolation and identification of chitin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 132-140.	7.5	144

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55	Three-dimensional chitin-based scaffolds from Verongida sponges (Demospongiae: Porifera). Part II: Biomimetic potential and applications. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 141-145.	7.5	104
56	Isolation, characterization and phylogeny of sponge-associated bacteria with antimicrobial activities from Brazil. <i>Research in Microbiology</i> , 2010, 161, 604-612.	2.1	96
57	Taxonomy of calcareous sponges (Porifera, Calcarea) from Potiguar Basin, NE Brazil. <i>Zootaxa</i> , 2009, 1973, 1-27.	0.5	12
58	Marine <i>Pseudomonas putida</i> : a potential source of antimicrobial substances against antibiotic-resistant bacteria. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 678-682.	1.6	40
59	Marine Sponges: Potential Sources of New Antimicrobial Drugs. <i>Current Pharmaceutical Biotechnology</i> , 2009, 10, 86-105.	1.6	229
60	Bacterial communities of the marine sponges <i>Hymeniacion heliophila</i> and <i>Polymastia janeirensis</i> and their environment in Rio de Janeiro, Brazil. <i>Marine Biology</i> , 2008, 155, 135-146.	1.5	25
61	Chemical variability within the marine sponge <i>Aplysina fulva</i> . <i>Biochemical Systematics and Ecology</i> , 2008, 36, 283-296.	1.3	39
62	A new species of <i>Stoeba</i> (Demospongiae: Astrophorida) from oceanic islands off north-eastern Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1387-1393.	0.8	8
63	Antibiotic, cytotoxic and enzyme inhibitory activity of crude extracts from Brazilian marine invertebrates. <i>Revista Brasileira De Farmacognosia</i> , 2007, 17, 287-318.	1.4	40
64	A new species of <i>Stelletta</i> (Demospongiae, Astrophorida) without microscleres from Abrolhos Archipelago, northeastern Brazil. <i>Zootaxa</i> , 2005, 1006, 43-52.	0.5	2
65	Four new sympatric species of <i>Tethya</i> (Demospongiae: Hadromerida) from Abrolhos Archipelago (Bahia) Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1073-1084.	0.5	9
66	Patterns of sponge distribution in Cagarras Archipelago, Rio de Janeiro, Brazil. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 681-687.	0.8	22
67	Chemical divergence between two sibling species of <i>Oscarella</i> (Porifera) from the Mediterranean Sea. <i>Biochemical Systematics and Ecology</i> , 2004, 32, 893-899.	1.3	14
68	Challenges and Rewards of Research in Marine Natural Products Chemistry in Brazil#. <i>Journal of Natural Products</i> , 2004, 67, 510-522.	3.0	58
69	Macrofauna associated to <i>Mycale microsigmatosa</i> (Porifera, Demospongiae) in Rio de Janeiro State, SE Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 951-959.	2.1	85
70	Taxonomy of <i>Plakortis</i> and <i>Plakinastrella</i> (Demospongiae: Plakinidae) from oceanic islands off north-eastern Brazil, with description of three new species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 385-397.	0.8	19
71	In vivo study of microsclere formation in sponges of the genus <i>Mycale</i> (Demospongiae.) <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 385-397.	0.8	22
72	Title is missing!. <i>Hydrobiologia</i> , 2001, 443, 103-128.	2.0	10

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73	Arenosclerins A and Haliclonacyclamine E, New Tetracyclic Alkaloids from a Brazilian Endemic Haplosclerid Sponge <i>Arenosclera brasiliensis</i> . <i>Journal of Natural Products</i> , 2000, 63, 1098-1105.	3.0	56
74	Anatomy, cytology and symbiotic bacteria of four Mediterranean species of <i>Plakina</i> Schulze, 1880 (Demospongiae, Homosclerophorida). <i>Journal of Natural History</i> , 1999, 33, 159-176.	0.5	29
75	Title is missing!. <i>Journal of Chemical Ecology</i> , 1999, 25, 2247-2254.	1.8	22
76	Taxonomic revision of the Mediterranean <i>Plakina</i> Schulze (Porifera, Demospongiae, <i>Plakina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (Homosclerophorida). <i>Journal of Natural History</i> , 1999, 33, 159-176.	2.3	28
77	Marine sponges of Pernambuco State, NE Brazil. <i>Revista Brasileira De Oceanografia</i> , 1998, 46, 213-217.	0.2	35
78	Cytological evidence for cryptic speciation in Mediterranean <i>Oscarella</i> species (Porifera, Demospongiae, <i>Oscarella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Homosclerophorida). <i>Journal of Natural History</i> , 1999, 33, 159-176.	1.0	50
79	Genetic evidence for extensive cryptic speciation in the subtidal sponge <i>Plakina trilopha</i> (Porifera:Demospongiae:Homoscleromorpha) from the Western Mediterranean. <i>Marine Ecology - Progress Series</i> , 1996, 138, 181-187.	1.9	43
80	Sponges without skeleton: A new Mediterranean genus of Homoscleromorpha (Porifera, Demospongiae, <i>Plakina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (Homosclerophorida). <i>Journal of Natural History</i> , 1999, 33, 159-176.	0.3	47
81	Isolation of crambescidin 800 from <i>Monanchora arbuscula</i> (Porifera). <i>Biochemical Systematics and Ecology</i> , 1994, 22, 645-646.	1.3	34