

Guilherme Muricy

List of Publications by Year in descending order

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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	Marine Sponges: Potential Sources of New Antimicrobial Drugs. <i>Current Pharmaceutical Biotechnology</i> , 2009, 10, 86-105.	1.6	229
2	Three-dimensional chitin-based scaffolds from <i>Verongida</i> sponges (Demospongiae: Porifera). Part I. Isolation and identification of chitin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 132-140.	7.5	144
3	<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
4	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
5	Three-dimensional chitin-based scaffolds from <i>Verongida</i> sponges (Demospongiae: Porifera). Part II: Biomimetic potential and applications. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 141-145.	7.5	104
6	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
7	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
8	Environmental Shaping of Sponge Associated Archaeal Communities. <i>PLoS ONE</i> , 2010, 5, e15774.	2.5	84
9	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
10	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
11	Cytological evidence for cryptic speciation in Mediterranean <i>Oscarella</i> species (Porifera, Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 302 Td (1.0	50
12	Sponges without skeleton: A new Mediterranean genus of Homoscleromorpha (Porifera, Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 302 Td (0.3	47
13	Marine sponges with contrasting life histories can be complementary biomonitors of heavy metal pollution in coastal ecosystems. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5785-5794.	5.3	43
14	Investigation of biotechnological potential of sponge-associated bacteria collected in Brazilian coast. <i>Letters in Applied Microbiology</i> , 2015, 60, 140-147.	2.2	43
15	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
16	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
17	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
18	Chemical variability within the marine sponge <i>Aplysina fulva</i> . <i>Biochemical Systematics and Ecology</i> , 2008, 36, 283-296.	1.3	39

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19	Marine sponges of Pernambuco State, NE Brazil. Revista Brasileira De Oceanografia, 1998, 46, 213-217.	0.2	35
20	Isolation of crambescidin 800 from Monanchora arbuscula (Porifera). Biochemical Systematics and Ecology, 1994, 22, 645-646.	1.3	34
21	Anatomy, cytology and symbiotic bacteria of four Mediterranean species of Plakina Schulze, 1880 (Demospongiae, Homosclerophorida). Journal of Natural History, 1999, 33, 159-176.	0.5	29
22	Taxonomic revision of the Mediterranean Plakina Schulze (Porifera, Demospongiae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (Homosclerophorida)	2.3	28
23	Bacterial communities of the marine sponges Hymeniacidon heliophila and Polymastia janeirensis and their environment in Rio de Janeiro, Brazil. Marine Biology, 2008, 155, 135-146.	1.5	25
24	Potential Application in Mercury Bioremediation of a Marine Sponge-Isolated Bacillus cereus strain Pj1. Current Microbiology, 2014, 69, 374-380.	2.2	25
25	Taxonomic revision of some lepraliomorph cheilostome bryozoans (Bryozoa: Lepraliomorpha) from Rio de Janeiro State, Brazil. Journal of Natural History, 2011, 45, 767-798.	0.5	24
26	Bacillus Strains Associated to Homoscleromorpha Sponges are Highly Active Against Multidrug Resistant Bacteria. Current Microbiology, 2020, 77, 807-815.	2.2	24
27	Mercury and methylmercury detoxification potential by sponge-associated bacteria. Antonie Van Leeuwenhoek, 2014, 106, 585-590.	1.7	23
28	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2247-2254.	1.8	22
29	In vivo study of microsclere formation in sponges of the genus Mycale (Demospongiae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 Td (Homosclerophorida)	0.8	22
30	Patterns of sponge distribution in Cagarras Archipelago, Rio de Janeiro, Brazil. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 681-687.	0.8	22
31	Antimicrobial activity of marine sponges against coagulase-negative staphylococci isolated from bovine mastitis. Veterinary Microbiology, 2012, 155, 362-368.	1.9	20
32	Culturable bacterial communities associated to Brazilian Oscarella species (Porifera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Homosclerophorida)	1.7	20
33	Taxonomy of Plakortis and Plakinastrella (Demospongiae: Plakinidae) from oceanic islands off north-eastern Brazil, with description of three new species. Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 385-397.	0.8	19
34	Diversity of Indo-Australian Plakortis (Demospongiae: Plakinidae), with description of four new species. Journal of the Marine Biological Association of the United Kingdom, 2011, 91, 303-319.	0.8	19
35	Taxonomy and phylogeny of calcareous sponges (Porifera: Calcarea: Calcinea) from Brazilian mid-shelf and oceanic islands. Zootaxa, 2017, 4311, .	0.5	18
36	Integrative taxonomy widens our knowledge of the diversity, distribution and biology of the genus Plakina (Homosclerophorida: Plakinidae). Invertebrate Systematics, 2019, , .	1.3	18

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37	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
38	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
39	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
40	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
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	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
43	Overview of the biodiversity and distribution of the Class Homoscleromorpha in the Tropical Western Atlantic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 379-389.	0.8	13
44	Taxonomy of calcareous sponges (Porifera, Calcarea) from Potiguar Basin, NE Brazil. <i>Zootaxa</i> , 2009, 1973, 1-27.	0.5	12
45	Characterization of Cultivable Bacteria from Brazilian Sponges. <i>Marine Biotechnology</i> , 2013, 15, 668-676.	2.4	12
46	Antibiotic resistance genes detected in the marine sponge <i>Petromica citrina</i> from Brazilian coast. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 617-620.	2.0	12
47	Four new species of Plakinidae (Porifera: Homoscleromorpha) from Brazil. <i>Zootaxa</i> , 2013, 3718, 530.	0.5	11
48	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
49	Title is missing!. <i>Hydrobiologia</i> , 2001, 443, 103-128.	2.0	10
50	A new species of <i>Haliclona</i> (Demospongiae: Haplosclerida: Chalinidae) from southeastern Brazil and the first record of <i>Haliclona vansoesti</i> from the Brazilian coast. <i>Zootaxa</i> , 2015, 3925, 536-50.	0.5	10
51	Four new sympatric species of <i>Tethya</i> (Demospongiae: Hadromerida) from Abrolhos Archipelago (Bahia) Tj ETQq1 1,0,784314 rgBT /Ove	0,5	9
52	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
53	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
54	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

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55	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
56	Antifouling activity of twelve demosponges from Brazil. <i>Brazilian Journal of Biology</i> , 2013, 73, 501-506.	0.9	8
57	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
58	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
59	Hexactinellid sponges reported from shallow waters in the Oligo-Miocene Pirabas Formation (N) Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 5	1.4	5
60	New records of <i>Catenicella de Blainville, 1830</i> (Catenicellidae: Cheilostomata: Ascophora) in Rio de Janeiro State, Brazil. <i>Check List</i> , 2014, 10, 170.	0.4	5
61	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
62	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
63	An example of the importance of labels and fieldbooks in scientific collections: A freshwater sponge misunderstood for a marine new genus and species. <i>Zootaxa</i> , 2015, 3974, 447-50.	0.5	4
64	<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
65	A new species of <i>Latrunculia</i> (Biannulata) (Porifera: Demospongiae) from Rio de Janeiro, south-eastern Brazil. <i>Marine Biodiversity</i> , 2013, 43, 105-111.	1.0	3
66	New sciaphilic plakinids (Porifera, Homoscleromorpha) from the Central-Western Pacific. <i>Zootaxa</i> , 2018, 4466, 8-38.	0.5	3
67	Taxonomy of deep-water tetillid sponges (Porifera, Demospongiae, Spirophorina) from Brazil, with description of three new species and new characters. <i>Zootaxa</i> , 2018, 4429, 53.	0.5	3
68	Biodiversity and structure of marine sponge assemblages around a subtropical island. <i>Hydrobiologia</i> , 2020, 847, 1281-1299.	2.0	3
69	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
70	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
71	A new cave-dwelling species of <i>Plakina</i> (Porifera: Homoscleromorpha) from Crete, Greece (South) Tj ETQq1 1 0.784314 rgBT /Overlock 0.5 2	0.5	2
72	Taxonomy of <i>Meloplus Thiele, 1899</i> and <i>Stellettinopsis Carter, 1879</i> , with description of two new species from Brazil (Demospongiae: Astrophorina). <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	2

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73	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
74	Distribution, population structure and settlement preference of <i>Tubastraea</i> spp. (Cnidaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Janeiro, Brazil. <i>Regional Studies in Marine Science</i> , 2022, 52, 102245.	0.7	2
75	Thorectinae (Porifera: Demospongiae: Dictyoceratida) from Northeastern Brazil: two new species and transfer of <i>Scalarispongia cincta</i> (Boury-Esnault, 1973) to the genus <i>Thorecta</i> Lendenfeld, 1888. <i>Zootaxa</i> , 2016, 4184, 158.	0.5	1
76	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
77	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
78	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
79	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
80	Validation of <i>Tethya samaai</i> Ribeiro & Muricy, 2011, replacement name for the sponge <i>Tethya rubra</i> Samaai & Gibbons, 2005 (Demospongiae, Tethyida, Tethyidae). <i>Zootaxa</i> , 2017, 4347, 592.	0.5	0
81	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