

Joana R. Xavier

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,144
citations

394421

19
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifts in microbial and chemical patterns within the marine sponge <i>Aplysina aerophoba</i> during a disease outbreak. <i>Environmental Microbiology</i> , 2008, 10, 3366-3376.	3.8	112
2	Molecular evidence of cryptic speciation in the cosmopolitan excavating sponge <i>Cliona celata</i> (Porifera, Clionidae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 13-20.	2.7	101
3	Antimicrobial Activity of Heterotrophic Bacterial Communities from the Marine Sponge <i>Erylus discophorus</i> (Astrophorida, Geodiidae). <i>PLoS ONE</i> , 2013, 8, e78992.	2.5	83
4	Molecular richness and biotechnological potential of bacteria cultured from Irciniidae sponges in the north-east Atlantic. <i>FEMS Microbiology Ecology</i> , 2013, 85, 519-536.	2.7	76
5	Molecular Phylogeny of the Astrophorida (Porifera, Demospongiae) Reveals an Unexpected High Level of Spicule Homoplasy. <i>PLoS ONE</i> , 2011, 6, e18318.	2.5	74
6	Phylogenetically and Spatially Close Marine Sponges Harbour Divergent Bacterial Communities. <i>PLoS ONE</i> , 2012, 7, e53029.	2.5	55
7	The antimicrobial activity of heterotrophic bacteria isolated from the marine sponge <i>Erylus deficiens</i> (Astrophorida, Geodiidae). <i>Frontiers in Microbiology</i> , 2015, 6, 389.	3.5	53
8	Comparative Metagenomics Reveals the Distinctive Adaptive Features of the <i>Spongia officinalis</i> Endosymbiotic Consortium. <i>Frontiers in Microbiology</i> , 2017, 8, 2499.	3.5	51
9	Characterization and Mapping of a Deep-Sea Sponge Ground on the Tropic Seamount (Northeast) Tj ETQq1 1 0.784314 rgBT /Overlooked 2019, 6, .	2.5	43
10	Species boundaries and phylogenetic relationships between Atlanto-Mediterranean shallow-water and deep-sea coral associated <i>Hexadella</i> species (Porifera, Ianthellidae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 104-114.	2.7	42
11	A framework for the development of a global standardised marine taxon reference image database (SMarTaR-ID) to support image-based analyses. <i>PLoS ONE</i> , 2019, 14, e0218904.	2.5	40
12	Effects of sample handling and cultivation bias on the specificity of bacterial communities in keratose marine sponges. <i>Frontiers in Microbiology</i> , 2014, 5, 611.	3.5	39
13	Predicted distribution of the glass sponge <i>Vazella pourtalesi</i> on the Scotian Shelf and its persistence in the face of climatic variability. <i>PLoS ONE</i> , 2018, 13, e0205505.	2.5	36
14	Demosponge fauna of Ormonde and Gettysburg Seamounts (Gorringe Bank, north-east Atlantic): diversity and zoogeographical affinities. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1643-1653.	0.8	32
15	Diversity patterns and zoogeography of the Northeast Atlantic and Mediterranean shallow-water sponge fauna. <i>Hydrobiologia</i> , 2012, 687, 107-125.	2.0	28
16	Marine sponge melanin: a new source of an old biopolymer. <i>Structural Chemistry</i> , 2012, 23, 115-122.	2.0	26
17	Phylogeography, genetic diversity and structure of the poecilosclerid sponge <i>Phorbas fictitius</i> at oceanic islands. <i>Contributions To Zoology</i> , 2010, 79, 119-129.	0.5	22
18	Genetic diversity, connectivity and gene flow along the distribution of the emblematic Atlanto-Mediterranean sponge <i>Petrosia ficiformis</i> (Haplosclerida, Demospongiae). <i>BMC Evolutionary Biology</i> , 2019, 19, 24.	3.2	22

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19	Lithistid sponges of the upper bathyal of Madeira, Selvagens and Canary Islands, with description of a new species of <i>Isabella</i> . Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1287-1296.	0.8	21
20	Deep-sea sponge grounds as nutrient sinks: denitrification is common in boreo-Arctic sponges. Biogeosciences, 2020, 17, 1231-1245.	3.3	21
21	Redescription and resurrection of <i>Pachymatisma normani</i> (Demospongiae: Geodiidae), with remarks on the genus <i>Pachymatisma</i> . Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1511-1525.	0.8	17
22	Silicon isotopes of deep sea sponges: new insights into biomineralisation and skeletal structure. Biogeosciences, 2018, 15, 6959-6977.	3.3	17
23	Increased taxon sampling provides new insights into the phylogeny and evolution of the subclass Calcaronea (Porifera, Calcarea). Organisms Diversity and Evolution, 2018, 18, 279-290.	1.6	17
24	A new carnivorous sponge, <i>Chondrocladia robertballardi</i> sp. nov. (Porifera: Cladorhizidae) from two north-east Atlantic seamounts. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1345-1352.	0.8	13
25	From marine caves to the deep sea, a new look at <i>Caminella</i> (Demospongiae, Geodiidae) in the Atlanto-Mediterranean region. Zootaxa, 2018, 4466, 174-196.	0.5	13
26	On a hexactinellid sponge aggregation at the Great Meteor seamount (North-east Atlantic). Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1389-1394.	0.8	12
27	Carnivorous sponges (Porifera, Cladorhizidae) from the Southwest Indian Ocean Ridge seamounts. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 137, 166-189.	1.4	12
28	Community Composition and Habitat Characterization of a Rock Sponge Aggregation (Porifera, Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	2.5	11
29	Rock sponges (lithistid Demospongiae) of the Northeast Atlantic seamounts, with description of ten new species. PeerJ, 2020, 8, e8703.	2.0	8
30	Superoxide dismutase in the marine sponge <i>Cliona celata</i> . Marine Biology, 2008, 153, 807-813.	1.5	7
31	Systematics and biodiversity of deep-sea sponges of the Atlanto-Mediterranean region. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1285-1286.	0.8	7
32	Sponge-derived silica for tissue regeneration. Materials Today, 2018, 21, 577-578.	14.2	7
33	Erylusamides: Novel Atypical Glycolipids from <i>Erylus cf. deficiens</i> . Marine Drugs, 2016, 14, 179.	4.6	6
34	Description of new chiacetine-bearing sponges provides insights into the higher classification of Calcaronea (Porifera: Calcarea). Zootaxa, 2019, 4615, zootaxa.4615.2.1.	0.5	6
35	Diversity, Distribution and Phylogenetic Relationships of Deep-Sea Lithistids (Porifera, Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 10	2.5	5
36	Development of 10 microsatellite markers for the Atlanto-Mediterranean sponge <i>Petrosia ficiformis</i> . Conservation Genetics Resources, 2015, 7, 895-897.	0.8	2

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37	Diversity patterns and zoogeography of the Northeast Atlantic and Mediterranean shallow-water sponge fauna. , 2011, , 107-125.		2
38	Unique spicules may confound species differentiation: taxonomy and biogeography of <i>Melonanchora</i> Carter, 1874 and two new related genera (Myxillidae: Poecilosclerida) from the Okhotsk Sea. PeerJ, 2021, 9, e12515.	2.0	1