Vitor Mc Ramos

List of Publications by Year
in descending order

41	1,217	331538 21	377752 34
papers	citations	h-index	g-index

45	45	45	1853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palytoxin and Analogs: Biological and Ecological Effects. Marine Drugs, 2010, 8, 2021-2037.	2.2	116
2	Description of new genera and species of marine cyanobacteria from the Portuguese Atlantic coast. Molecular Phylogenetics and Evolution, 2017, 111, 18-34.	1.2	92
3	Cyanobacterial diversity held in microbial biological resource centers as a biotechnological asset: the case study of the newly established LEGE culture collection. Journal of Applied Phycology, 2018, 30, 1437-1451.	1.5	85
4	Methods to detect cyanobacteria and their toxins in the environment. Applied Microbiology and Biotechnology, 2014, 98, 8073-8082.	1.7	77
5	Culture-dependent characterization of cyanobacterial diversity in the intertidal zones of the Portuguese coast: A polyphasic study. Systematic and Applied Microbiology, 2012, 35, 110-119.	1.2	76
6	Effects of Marine Toxins on the Reproduction and Early Stages Development of Aquatic Organisms. Marine Drugs, 2010, 8, 59-79.	2.2	70
7	Phylogenetic, chemical and morphological diversity of cyanobacteria from Portuguese temperate estuaries. Marine Environmental Research, 2012, 73, 7-16.	1.1	64
8	Bioprospecting Portuguese Atlantic coast cyanobacteria for bioactive secondary metabolites reveals untapped chemodiversity. Algal Research, 2015, 9, 218-226.	2.4	59
9	Antitumor Activity of Hierridin B, a Cyanobacterial Secondary Metabolite Found in both Filamentous and Unicellular Marine Strains. PLoS ONE, 2013, 8, e69562.	1.1	52
10	Actinobacteria and Cyanobacteria Diversity in Terrestrial Antarctic Microenvironments Evaluated by Culture-Dependent and Independent Methods. Frontiers in Microbiology, 2019, 10, 1018.	1.5	50
11	Cyanobacterial Diversity in Microbial Mats from the Hypersaline Lagoon System of Araruama, Brazil: An In-depth Polyphasic Study. Frontiers in Microbiology, 2017, 8, 1233.	1.5	38
12	The conifer biomarkers dehydroabietic and abietic acids are widespread in Cyanobacteria. Scientific Reports, 2016, 6, 23436.	1.6	36
13	A curated database of cyanobacterial strains relevant for modern taxonomy and phylogenetic studies. Scientific Data, 2017, 4, 170054.	2.4	33
14	Biofilm formation behaviour of marine filamentous cyanobacterial strains in controlled hydrodynamic conditions. Environmental Microbiology, 2019, 21, 4411-4424.	1.8	33
15	Cyanobacterium Microcystis aeruginosa response to pentachlorophenol and comparison with that of the microalga Chlorella vulgaris. Water Research, 2014, 52, 63-72.	5.3	29
16	Inhibition of Bacterial and Fungal Biofilm Formation by 675 Extracts from Microalgae and Cyanobacteria. Antibiotics, 2019, 8, 77.	1.5	28
17	Detection of Anatoxin-a and Three Analogs in Anabaena spp. Cultures: New Fluorescence Polarization Assay and Toxin Profile by LC-MS/MS. Toxins, 2014, 6, 402-415.	1.5	27
18	Microbial Community Changes Elicited by Exposure to Cyanobacterial Allelochemicals. Microbial Ecology, 2012, 63, 85-95.	1.4	26

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19	Picocyanobacteria From a Clade of MarineCyanobiumRevealed Bioactive Potential Against Microalgae, Bacteria, and Marine Invertebrates. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 432-442.	1.1	26
20	Multi-detection method for five common microalgal toxins based on the use of microspheres coupled to a flow-cytometry system. Analytica Chimica Acta, 2014, 850, 57-64.	2.6	25
21	First record of toxins associated with cyanobacterial blooms in oligotrophic North Patagonian lakes of Chileâ€"a genomic approach. International Review of Hydrobiology, 2016, 101, 57-68.	0.5	23
22	The development of a cryopreservation method suitable for a large cyanobacteria collection. Journal of Applied Phycology, 2013, 25, 1483-1493.	1.5	20
23	Parakomarekiella sesnandensis gen. et sp. nov. (Nostocales, Cyanobacteria) isolated from the Old Cathedral of Coimbra, Portugal (UNESCO World Heritage Site). European Journal of Phycology, 2021, 56, 301-315.	0.9	19
24	Chemoecological Screening Reveals High Bioactivity in Diverse Culturable Portuguese Marine Cyanobacteria. Marine Drugs, 2013, 11, 1316-1335.	2.2	16
25	Characterization of an intertidal cyanobacterium that constitutes a separate clade together with thermophilic strains. European Journal of Phycology, 2010, 45, 394-403.	0.9	14
26	Pentachlorophenol toxicity to a mixture of Microcystis aeruginosa and Chlorella vulgaris cultures. Aquatic Toxicology, 2014, 150, 159-164.	1.9	14
27	N-Terminal Protease Gene Phylogeny Reveals the Potential for Novel Cyanobactin Diversity in Cyanobacteria. Marine Drugs, 2013, 11, 4902-4916.	2.2	12
28	Effects of two toxic cyanobacterial crude extracts containing microcystin-LR and cylindrospermopsin on the growth and photosynthetic capacity of the microalga Parachlorella kessleri. Algal Research, 2018, 34, 198-208.	2.4	10
29	Morphological and molecular characterization of cyanobacterial isolates from the mouth of the Amazon River. Phytotaxa, 2019, 387, 269.	0.1	10
30	A new cyanobacterial species with a protective effect on lettuce grown under salinity stress: Envisaging sustainable agriculture practices. Journal of Applied Phycology, 2022, 34, 915-928.	1.5	8
31	Culture-Independent Study of the Late-Stage of a Bloom of the Toxic Dinoflagellate Ostreopsis cf. ovata: Preliminary Findings Suggest Genetic Differences at the Sub-Species Level and Allow ITS2 Structure Characterization. Toxins, 2015, 7, 2514-2533.	1.5	7
32	Mycorrhizal types in the Mediterranean Basin: safety teaching and training. Journal of Biological Education, 2008, 42, 130-137.	0.8	5
33	The Extremophile Endolithella mcmurdoensis gen. et sp. nov. (Trebouxiophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 2020, 56, 208-216.	1.0	5
34	Comparative Genomics Discloses the Uniqueness and the Biosynthetic Potential of the Marine Cyanobacterium Hyella patelloides. Frontiers in Microbiology, 2020, 11, 1527.	1.5	5
35	Early effects of fire on herbaceous vegetation and mycorrhizal symbiosis in high altitude grasslands of Natural Park of Estrela Mountain (PNSE). Symbiosis, 2010, 52, 113-123.	1.2	3
36	Characterization of Olive-Associated Fungi of Cultivars with Different Levels of Resistance to Anthracnose. Biology and Life Sciences Forum, 2020, 4, .	0.6	2

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37	Understanding Fungal Communities of Olive Tree Leaves for Application to Climate Change Adaptation. Biology and Life Sciences Forum, 2020, 4, .	0.6	1
38	111. State of the Art of Palytoxin and Analogs Analytical Methods for Seafood Monitoring. Toxicon, 2012, 60, 151.	0.8	0
39	Nucleic Acid Extraction. , 2017, , 135-161.		0
40	Cyanobactins and anticancer bioactivity of cyanobacterial extracts. Planta Medica, 2012, 78, .	0.7	0
41	Fruit-Associated Endophytes from Olive Cultivars with Different Levels of Resistance to Fruit Fly and Their Relationship with Pest Infestation. Biology and Life Sciences Forum, 2021, 4, 9.	0.6	0