

# Raquel Castelo-Branco

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

390  
citations

932766

10  
h-index

839053

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyanobacterial diversity held in microbial biological resource centers as a biotechnological asset: the case study of the newly established LEGE culture collection. <i>Journal of Applied Phycology</i> , 2018, 30, 1437-1451.	1.5	85
2	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	3.9	81
3	Cyanobacterial Diversity in Microbial Mats from the Hypersaline Lagoon System of Araruama, Brazil: An In-depth Polyphasic Study. <i>Frontiers in Microbiology</i> , 2017, 8, 1233.	1.5	38
4	Inhibition of Bacterial and Fungal Biofilm Formation by 675 Extracts from Microalgae and Cyanobacteria. <i>Antibiotics</i> , 2019, 8, 77.	1.5	28
5	First record of toxins associated with cyanobacterial blooms in oligotrophic North Patagonian lakes of Chile—a genomic approach. <i>International Review of Hydrobiology</i> , 2016, 101, 57-68.	0.5	23
6	Structure of Hierridin C, Synthesis of Hierridins B and C, and Evidence for Prevalent Alkylresorcinol Biosynthesis in Picocyanobacteria. <i>Journal of Natural Products</i> , 2019, 82, 393-402.	1.5	17
7	Microalgae and Cyanobacteria Strains as Producers of Lipids with Antibacterial and Antibiofilm Activity. <i>Marine Drugs</i> , 2021, 19, 675.	2.2	16
8	First Detection of Microcystin-LR in the Amazon River at the Drinking Water Treatment Plant of the Municipality of Macapá, Brazil. <i>Toxins</i> , 2019, 11, 669.	1.5	15
9	Chlorosphaerolactylates: Natural Lactylates of Chlorinated Fatty Acids Isolated from the Cyanobacterium <i>Sphaerospermopsis</i> sp. LEGE 00249. <i>Journal of Natural Products</i> , 2020, 83, 1885-1890.	1.5	14
10	Mining of Cyanobacterial Genomes Indicates Natural Product Biosynthetic Gene Clusters Located in Conjugative Plasmids. <i>Frontiers in Microbiology</i> , 2021, 12, 684565.	1.5	12
11	Effects of two toxic cyanobacterial crude extracts containing microcystin-LR and cylindrospermopsin on the growth and photosynthetic capacity of the microalga <i>Parachlorella kessleri</i> . <i>Algal Research</i> , 2018, 34, 198-208.	2.4	10
12	Morphological and molecular characterization of cyanobacterial isolates from the mouth of the Amazon River. <i>Phytotaxa</i> , 2019, 387, 269.	0.1	10
13	GST transcriptional changes induced by a toxic <i>Microcystis aeruginosa</i> strain in two bivalve species during exposure and recovery phases. <i>Ecotoxicology</i> , 2018, 27, 1272-1280.	1.1	8
14	Biosynthesis of Chlorinated Lactylates in <i>Sphaerospermopsis</i> sp. LEGE 00249. <i>Journal of Natural Products</i> , 2021, 84, 278-286.	1.5	8
15	The phylogenetic placement of <i>Temnogametum</i> (Zygnemataceae) and description of <i>Temnogametum iztacalense</i> sp. nov., from a tropical high mountain lake in Mexico. <i>European Journal of Phycology</i> , 2021, 56, 159-173.	0.9	7
16	The Extremophile <i>Endolithella mcmurdoensis</i> gen. et sp. nov. (Trebouxiophyceae, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (2020, 56, 208-216.	1.0	5
17	Absence of Cyanotoxins in Llayta, Edible Nostocaceae Colonies from the Andes Highlands. <i>Toxins</i> , 2020, 12, 382.	1.5	5
18	Distribution and diversity of dimetal-carboxylate halogenases in cyanobacteria. <i>BMC Genomics</i> , 2021, 22, 633.	1.2	5