

# Vitor M Vasconcelos

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

424 papers	9,934 citations	49 h-index	73 g-index
453 ext. papers	11,810 ext. citations	4.6 avg, IF	6.65 L-index

#	Paper	IF	Citations
424	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia).. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 29, 27624	5.1	0
423	Cyanobacteria in cosmetics: a natural alternative for anti-aging ingredients <b>2022</b> , 257-286		0
422	Specialized metabolites from cyanobacteria and their biological activities <b>2022</b> , 21-54		
421	Anti-inflammatory compounds from cyanobacteria <b>2022</b> , 81-105		0
420	Cyanobacterial Blooms: Current Knowledge and New Perspectives. <i>Earth</i> , <b>2022</b> , 3, 127-135	1	2
419	Growth inhibition and microcystin accumulation in bush bean ( <i>Phaseolus vulgaris</i> L.) plant irrigated with water containing toxic <i>Chroococcus minutus</i> . <i>Agricultural Water Management</i> , <b>2022</b> , 261, 107381	5.9	1
418	Multi-Soil-Layering Technology: A New Approach to Remove <i>Microcystis aeruginosa</i> and Microcystins from Water. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 686	3	
417	Gallic acid derivatives as inhibitors of mussel ( <i>Mytilus galloprovincialis</i> ) larval settlement: Lead optimization, biological evaluation and use in antifouling coatings. <i>Bioorganic Chemistry</i> , <b>2022</b> , 126, 105911	5.1	0
416	Multidimensional characterization of a new antifouling xanthone: Structure-activity relationship, environmental compatibility, and immobilization in marine coatings. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 228, 112970	7	1
415	Uncovering the Bioactive Potential of a Cyanobacterial Natural Products Library Aided by Untargeted Metabolomics. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3
414	Microalgae and Cyanobacteria Strains as Producers of Lipids with Antibacterial and Antibiofilm Activity.. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	5
413	Natural Benzo/Acetophenones as Leads for New Synthetic Acetophenone Hybrids Containing a 1,2,3-Triazole Ring as Potential Antifouling Agents.. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	1
412	From Natural Xanthenes to Synthetic C-1 Aminated 3,4-Dioxygenated Xanthenes as Optimized Antifouling Agents. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	1
411	Novel and Conventional Isolation Techniques to Obtain Planctomycetes from Marine Environments. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
410	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4314	4.8	2
409	The association between initial adhesion and cyanobacterial biofilm development. <i>FEMS Microbiology Ecology</i> , <b>2021</b> , 97,	4.3	3
408	Discovery of Cyanobacterial Natural Products Containing Fatty Acid Residues**. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10152-10160	3.6	

407	Discovery of Cyanobacterial Natural Products Containing Fatty Acid Residues*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10064-10072	16.4	6
406	Impacts of Microcystins on Morphological and Physiological Parameters of Agricultural Plants: A Review. <i>Plants</i> , <b>2021</b> , 10,	4.5	10
405	Cyanotoxin Screening in BACA Culture Collection: Identification of New Cylindrospermopsin Producing Cyanobacteria. <i>Toxins</i> , <b>2021</b> , 13,	4.9	2
404	First occurrence of Cylindrospermopsin in the Azores (Lake Sã Brã, S. Miguel Island). <i>Limnology</i> , <b>2021</b> , 22, 269-275	1.7	
403	First Report on Cyanotoxin (MC-LR) Removal from Surface Water by Multi-Soil-Layering (MSL) Eco-Technology: Preliminary Results. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1403	3	3
402	Carotenoids from Cyanobacteria: Biotechnological Potential and Optimization Strategies. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	13
401	Review on Cyanobacterial Studies in Portugal: Current Impacts and Research Needs. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4355	2.6	0
400	Unveiling the Antifouling Performance of Different Marine Surfaces and Their Effect on the Development and Structure of Cyanobacterial Biofilms. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	4
399	Bridging Cyanobacteria to Neurodegenerative Diseases: A New Potential Source of Bioactive Compounds against Alzheimer's Disease. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	2
398	Continuous pressurized extraction versus electric fields-assisted extraction of cyanobacterial pigments. <i>Journal of Biotechnology</i> , <b>2021</b> , 334, 35-42	3.7	3
397	New insight into antimicrobial activities of Linaria ventricosa essential oil and its synergetic effect with conventional antibiotics. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 4361-4366	3	3
396	Harmful Cyanobacterial Blooms (HCBs): innovative green bioremediation process based on anti-cyanobacteria bioactive natural products. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 31-44	3	5
395	Moroccan actinobacteria with promising activity against toxic cyanobacteria Microcystis aeruginosa. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 235-245	5.1	2
394	Developing New Marine Antifouling Surfaces: Learning from Single-Strain Laboratory Tests. <i>Coatings</i> , <b>2021</b> , 11, 90	2.9	2
393	Cyanobacteria and microalgae bioactive compounds in skin-ageing: potential to restore extracellular matrix filling and overcome hyperpigmentation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 1829-1838	5.6	9
392	Protective Role of Native Rhizospheric Soil Microbiota Against the Exposure to Microcystins Introduced into Soil-Plant System via Contaminated Irrigation Water and Health Risk Assessment. <i>Toxins</i> , <b>2021</b> , 13,	4.9	4
391	Preliminary evidence on the presence of cyanobacteria and cyanotoxins from culture enrichments followed by PCR analysis: new perspectives from Africa (Mali) and South Pacific (Fiji) countries. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 31731-31745	5.1	1
390	Proteogenomic Characterization of the Cement and Adhesive Gland of the Pelagic Gooseneck Barnacle. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5

389	The chemical characterization and its relationship with heavy metals contamination in surface sediment of Marchica Mediterranean Lagoon (North of Morocco). <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
388	Optimization of Polyhydroxybutyrate Production by Amazonian Microalga sp. B23. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	2
387	Putative Antimicrobial Peptides of the Posterior Salivary Glands from the Cephalopod Revealed by Exploring a Composite Protein Database. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	4
386	Chlorosphaerolactylates A-D: Natural Lactylates of Chlorinated Fatty Acids Isolated from the Cyanobacterium sp. LEGE 00249. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1885-1890	4.9	7
385	Microcystin Incidence in the Drinking Water of Mozambique: Challenges for Public Health Protection. <i>Toxins</i> , <b>2020</b> , 12,	4.9	11
384	Polymerase chain reaction as a promising tool for DNA-based diet studies of crustaceans. <i>Regional Studies in Marine Science</i> , <b>2020</b> , 37, 101340	1.5	1
383	Absence of Cyanotoxins in Llayta, Edible Nostocaceae Colonies from the Andes Highlands. <i>Toxins</i> , <b>2020</b> , 12,	4.9	2
382	Exopolysaccharides from Cyanobacteria: Strategies for Bioprocess Development. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3763	2.6	19
381	The Relative Importance of Shear Forces and Surface Hydrophobicity on Biofilm Formation by Coccoid Cyanobacteria. <i>Polymers</i> , <b>2020</b> , 12,	4.5	14
380	Occurrence of Mycotoxins in Fish Feed and Its Effects: A Review. <i>Toxins</i> , <b>2020</b> , 12,	4.9	33
379	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria and. <i>Toxins</i> , <b>2020</b> , 12,	4.9	3
378	Cyanotoxins Occurrence in Portugal: A New Report on Their Recent Multiplication. <i>Toxins</i> , <b>2020</b> , 12,	4.9	9
377	White and red LEDs as two-phase batch for cyanobacterial pigments production. <i>Bioresource Technology</i> , <b>2020</b> , 307, 123105	11	11
376	Light quality triggers biochemical modulation of Cyanobium sp. Photobiology as tool for biotechnological optimization. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 2851-2861	3.2	8
375	Carotenoids from Cyanobacteria: A Biotechnological Approach for the Topical Treatment of Psoriasis. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	24
374	The Nagoya Protocol and Its Implications on the EU Atlantic Area Countries. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 92	2.4	5
373	A new method for the simultaneous determination of cyanotoxins (Microcystins and Cylindrospermopsin) in mussels using SPE-UPLC-MS/MS. <i>Environmental Research</i> , <b>2020</b> , 185, 109284	7.9	9
372	The Marine Seagrass as a Source of Bioactive Metabolites against Obesity and Biofouling. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	6

371	Genetic records of intertidal sea anemones from Portugal. <i>Regional Studies in Marine Science</i> , <b>2020</b> , 34, 101067	1.5	
370	Antifouling Napyradiomycins from Marine-Derived Actinomycetes. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	10
369	Assessment of the Allelochemical Activity and Biochemical Profile of Different Phenotypes of Picocyanobacteria from the Genus. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	9
368	Assessment of Constructed Wetlands Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). <i>Water (Switzerland)</i> , <b>2020</b> , 12, 10	3	9
367	Molecular Responses of Mussel <i>Mytilus galloprovincialis</i> Associated to Accumulation and Depuration of Marine Biotoxins Okadaic Acid and Dinophysistoxin-1 Revealed by Shotgun Proteomics. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	3
366	Flavonoid Glycosides with a Triazole Moiety for Marine Antifouling Applications: Synthesis and Biological Activity Evaluation. <i>Marine Drugs</i> , <b>2020</b> , 19,	6	4
365	A Critical Review of Cyanobacteria Distribution and Cyanotoxins Occurrence in Atlantic Ocean Islands. <i>Cryptogamie, Algologie</i> , <b>2020</b> , 41, 73	0.7	4
364	Genomics perspectives on cyanobacteria research <b>2020</b> , 147-159		1
363	Modeling phaeopigment concentrations in water from a shallow mesotrophic lagoon. <i>Water Environment Research</i> , <b>2020</b> , 92, 612-621	2.8	2
362	Essential oils from Moroccan plants as promising ecofriendly tools to control toxic cyanobacteria blooms. <i>Industrial Crops and Products</i> , <b>2020</b> , 143, 111922	5.9	15
361	The Extremophile Endolithella mcmurdoensis gen. et sp. nov. (Trebouxiophyceae, Chlorellaceae), A New Chlorella-like Endolithic Alga From Antarctica. <i>Journal of Phycology</i> , <b>2020</b> , 56, 208-216	3	2
360	Portoamides A and B are mitochondrial toxins and induce cytotoxicity on the proliferative cell layer of in vitro microtumours. <i>Toxicon</i> , <b>2020</b> , 175, 49-56	2.8	7
359	The genetic diversity of two invasive sympatric bivalves ( <i>Corbicula fluminea</i> and <i>Dreissena polymorpha</i> ) from Lakes Garda and Maggiore, Northern Italy. <i>Journal of Great Lakes Research</i> , <b>2020</b> , 46, 225-229	3	2
358	Experimental Assessment of the Performance of Two Marine Coatings to Curb Biofilm Formation of Microfoulers. <i>Coatings</i> , <b>2020</b> , 10, 893	2.9	8
357	Isolation and FTIR-ATR and <sup>1</sup> H NMR Characterization of Alginates from the Main Alginophyte Species of the Atlantic Coast of Morocco. <i>Molecules</i> , <b>2020</b> , 25,	4.8	12
356	Lipophilic toxins occurrence in non-traditional invertebrate vectors from North Atlantic Waters (Azores, Madeira, and Morocco): Update on geographical tendencies and new challenges for monitoring routines. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 161, 111725	6.7	3
355	Exploitation of Filamentous and Picoplanktonic Cyanobacteria for Cosmetic Applications: Potential to Improve Skin Structure and Preserve Dermal Matrix Components. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	11
354	One Step Forward towards the Development of Eco-Friendly Antifouling Coatings: Immobilization of a Sulfated Marine-Inspired Compound. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	4

353	Comparative Genomics Discloses the Uniqueness and the Biosynthetic Potential of the Marine Cyanobacterium. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1527	5.7	2
352	Shotgun Proteomics of Ascidians Tunic Gives New Insights on Host-Microbe Interactions by Revealing Diverse Antimicrobial Peptides. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	5
351	Characterization of planktonic and biofilm cells from two filamentous cyanobacteria using a shotgun proteomic approach. <i>Biofouling</i> , <b>2020</b> , 36, 631-645	3.3	6
350	Cyanobacteria Phylogenetic Studies Reveal Evidence for Polyphyletic Genera from Thermal and Freshwater Habitats. <i>Diversity</i> , <b>2020</b> , 12, 298	2.5	6
349	Bioactive potential of Cyanobium sp. pigment-rich extracts. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 3031-3040	3.40	11
348	OMICs Approaches in Diarrhetic Shellfish Toxins Research. <i>Toxins</i> , <b>2020</b> , 12,	4.9	6
347	Monitoring of biofouling communities in a Portuguese port using a combined morphological and metabarcoding approach. <i>Scientific Reports</i> , <b>2020</b> , 10, 13461	4.9	11
346	Distinct Temporal Succession of Bacterial Communities in Early Marine Biofilms in a Portuguese Atlantic Port. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1938	5.7	13
345	New Insights in Response to the Cyanotoxin Microcystin-LR, Revealed by Proteomics and Gene Expression. <i>Toxins</i> , <b>2020</b> , 12,	4.9	1
344	Factorial optimization of upstream process for Cyanobium sp. pigments production. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 3861-3872	3.2	7
343	Seaweed Essential Oils as a New Source of Bioactive Compounds for Cyanobacteria Growth Control: Innovative Ecological Biocontrol Approach. <i>Toxins</i> , <b>2020</b> , 12,	4.9	5
342	Structure-Antifouling Activity Relationship and Molecular Targets of Bio-Inspired(thio)xanthenes. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	9
341	Light regulating metabolic responses of Cyanobium sp. (Cyanobacteria). <i>Fundamental and Applied Limnology</i> , <b>2020</b> , 193, 285-297	1.9	4
340	Distribution of Toxic Cyanobacteria in Volcanic Lakes of the Azores Islands. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3385	3	5
339	Data Employed in the Construction of a Composite Protein Database for Proteogenomic Analyses of Cephalopods Salivary Apparatus. <i>Data</i> , <b>2020</b> , 5, 110	2.3	0
338	Overcoming environmental problems of biocides: Synthetic bile acid derivatives as a sustainable alternative. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 187, 109812	7	12
337	The Quantitative Proteome of the Cement and Adhesive Gland of the Pedunculate Barnacle., <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
336	Norhierridin B, a New Hierridin B-Based Hydroquinone with Improved Antiproliferative Activity. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1

335	The Incidence of Marine Toxins and the Associated Seafood Poisoning Episodes in the African Countries of the Indian Ocean and the Red Sea. <i>Toxins</i> , <b>2019</b> , 11,	4.9	16
334	Inhibition of Bacterial and Fungal Biofilm Formation by 675 Extracts from Microalgae and Cyanobacteria. <i>Antibiotics</i> , <b>2019</b> , 8,	4.9	20
333	Revealing the potential of cyanobacteria in cosmetics and cosmeceuticals A new bioactive approach. <i>Algal Research</i> , <b>2019</b> , 41, 101541	5	40
332	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese Maritime Territory, and Morocco Coast). <i>Toxins</i> , <b>2019</b> , 11,	4.9	8
331	Chlorophyll Derivatives from Marine Cyanobacteria with Lipid-Reducing Activities. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	13
330	Comparison and optimization of different methods for <i>Microcystis aeruginosa</i> 's harvesting and the role of zeta potential on its efficiency. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 16708-16715	5.1	3
329	Mode of action and fate of microcystins in the complex soil-plant ecosystems. <i>Chemosphere</i> , <b>2019</b> , 225, 270-281	8.4	22
328	Potential control of toxic cyanobacteria blooms with Moroccan seaweed extracts. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 15218-15228	5.1	8
327	Temperature-dependent impacts of allelopathy on growth, pigment, and lipid content between a subpolar strain of <i>Synechocystis</i> sp. CCBA MA-01 and coexisting microalgae. <i>Hydrobiologia</i> , <b>2019</b> , 835, 117-128	2.4	9
326	Antiproliferative Effects of the Natural Oxadiazine Nocuolin A Are Associated With Impairment of Mitochondrial Oxidative Phosphorylation. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 224	5.3	7
325	Phycobiliproteins from cyanobacteria: Chemistry and biotechnological applications. <i>Biotechnology Advances</i> , <b>2019</b> , 37, 422-443	17.8	126
324	The Incidence of Tetrodotoxin and Its Analogs in the Indian Ocean and the Red Sea. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	5
323	A Multi-Bioassay Integrated Approach to Assess the Antifouling Potential of the Cyanobacterial Metabolites Portoamides. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	14
322	The Queen Conch ( <i>Lobatus gigas</i> ) Proteome: A Valuable Tool for Biological Studies in Marine Gastropods. <i>Protein Journal</i> , <b>2019</b> , 38, 628-639	3.9	2
321	Portable sensing system based on electrochemical impedance spectroscopy for the simultaneous quantification of free and total microcystin-LR in freshwaters. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 142, 111550	11.8	17
320	Evaluation of disruption/permeabilization methodologies for <i>Microcystis aeruginosa</i> as alternatives to obtain high yields of microcystin release. <i>Algal Research</i> , <b>2019</b> , 42, 101611	5	1
319	Characterization of the First Conotoxin from , a Vermivorous Cone Snail from the Cabo Verde Archipelago. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	5
318	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of and. <i>Toxins</i> , <b>2019</b> , 11,	4.9	14



3 <sup>17</sup>	Biofilm formation behaviour of marine filamentous cyanobacterial strains in controlled hydrodynamic conditions. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 4411-4424	5.2	15
3 <sup>16</sup>	Structure of Hierridin C, Synthesis of Hierridins B and C, and Evidence for Prevalent Alkylresorcinol Biosynthesis in Picocyanobacteria. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 393-402	4.9	10
3 <sup>15</sup>	First Detection of Microcystin-LR in the Amazon River at the Drinking Water Treatment Plant of the Municipality of MacapáBrazil. <i>Toxins</i> , <b>2019</b> , 11,	4.9	9
3 <sup>14</sup>	Physiological Effects on Coexisting Microalgae of the Allelochemicals Produced by the Bloom-Forming Cyanobacteria sp. and. <i>Toxins</i> , <b>2019</b> , 11,	4.9	6
3 <sup>13</sup>	The Harderian gland transcriptomes of Caraiba andreae, Cubophis cantherigerus and Tretanorhinus variabilis, three colubroid snakes from Cuba. <i>Genomics</i> , <b>2019</b> , 111, 1720-1727	4.3	4
3 <sup>12</sup>	Comparative Analysis of the Adhesive Proteins of the Adult Stalked Goose Barnacle Pollicipes pollicipes (Cirripedia: Pedunculata). <i>Marine Biotechnology</i> , <b>2019</b> , 21, 38-51	3.4	22
3 <sup>11</sup>	An important resource for understanding bio-adhesion mechanisms: Cement gland transcriptomes of two goose barnacles, Pollicipes pollicipes and Lepas anatifera (Cirripedia, Thoracica). <i>Marine Genomics</i> , <b>2019</b> , 45, 16-20	1.9	10
3 <sup>10</sup>	Cytotoxic and morphological effects of microcystin-LR, cylindrospermopsin, and their combinations on the human hepatic cell line HepG2. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 240-251	4.2	14
3 <sup>09</sup>	Morphological and molecular characterization of cyanobacterial isolates from the mouth of the Amazon River. <i>Phytotaxa</i> , <b>2019</b> , 387, 269	0.7	7
3 <sup>08</sup>	Deciphering the role of cyanobacteria in water resistome: Hypothesis justifying the antibiotic resistance (phenotype and genotype) in Planktothrix genus. <i>Science of the Total Environment</i> , <b>2019</b> , 652, 447-454	10.2	11
3 <sup>07</sup>	Marine biofilms: diversity of communities and of chemical cues. <i>Environmental Microbiology Reports</i> , <b>2019</b> , 11, 287-305	3.7	42
3 <sup>06</sup>	Pollicipes pollicipes as a Biomonitor of PAHs Contamination in Seawaters of the Northwest Coast of Portugal. <i>Polycyclic Aromatic Compounds</i> , <b>2019</b> , 39, 172-189	1.3	
3 <sup>05</sup>	Flux model to estimate the transport of mercury species in a contaminated lagoon (Ria de Aveiro, Portugal). <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 17371-17382	5.1	5
3 <sup>04</sup>	Mode of Action and Toxicity of Major Cyanobacterial Toxins and Corresponding Chemical Variants. <i>Toxinology</i> , <b>2018</b> , 441-464	0	2
3 <sup>03</sup>	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> , <b>2018</b> , 30, 1437-1451	3.2	35
3 <sup>02</sup>	Lipid reducing activity and toxicity profiles of a library of polyphenol derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 151, 272-284	6.8	23
3 <sup>01</sup>	Light-dependent cytolysis in the allelopathic interaction between picoplanktic and filamentous cyanobacteria. <i>Journal of Plankton Research</i> , <b>2018</b> , 40, 165-177	2.2	14
3 <sup>00</sup>	Allelopathy prevents competitive exclusion and promotes phytoplankton biodiversity. <i>Oikos</i> , <b>2018</b> , 127, 85-98	4	26




299	Distribution ranges of the acorn barnacle <i>Perforatus</i> (=Balanus) perforatus (Bruguière, 1789) in the NE Atlantic are influenced by reproductive parameters. <i>Hydrobiologia</i> , <b>2018</b> , 806, 227-235	2.4	1
298	Aptamer-Based Biosensors to Detect Aquatic Phycotoxins and Cyanotoxins. <i>Sensors</i> , <b>2018</b> , 18,	3.8	44
297	Proteomic Analyses of the Unexplored Sea Anemone <i>Bunodactis verrucosa</i> . <i>Marine Drugs</i> , <b>2018</b> , 16,	6	13
296	Seaweed Bioactive Compounds against Pathogens and Microalgae: Potential Uses on Pharmacology and Harmful Algae Bloom Control. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	35
295	Validation of a Method for Cylindrospermopsin Determination in Vegetables: Application to Real Samples Such as Lettuce ( <i>Lactuca sativa</i> L.). <i>Toxins</i> , <b>2018</b> , 10,	4.9	7
294	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , <b>2018</b> , 10,	4.9	109
293	Bioactivity Assessment of Indian Origin-Mangrove Actinobacteria against <i>Candida albicans</i> . <i>Marine Drugs</i> , <b>2018</b> , 16,	6	7
292	Differential Toxicity of Cyanobacteria Isolated from Marine Sponges towards Echinoderms and Crustaceans. <i>Toxins</i> , <b>2018</b> , 10,	4.9	6
291	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> , <b>2018</b> , 34, 198-208	5	9
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283	New Method for Simultaneous Determination of Microcystins and Cylindrospermopsin in Vegetable Matrices by SPE-UPLC-MS/MS. <i>Toxins</i> , <b>2018</b> , 10,	4.9	25
282	Current Screening Methodologies in Drug Discovery for Selected Human Diseases. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	43

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278	Antifouling potential of Nature-inspired sulfated compounds. <i>Scientific Reports</i> , <b>2017</b> , 7, 42424	4.9	36
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260	Modulation of hepatic glutathione transferases isoenzymes in three bivalve species exposed to purified microcystin-LR and Microcystis extracts. <i>Toxicon</i> , <b>2017</b> , 137, 150-157	2.8	5
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32	Time series forecasting of cyanobacteria blooms in the Crestuma Reservoir (Douro River, Portugal) using artificial neural networks. <i>Environmental Management</i> , <b>2006</b> , 38, 227-37	3.1	28
31	Effects of <i>Cylindrospermopsis raciborskii</i> and <i>Aphanizomenon ovalisporum</i> (cyanobacteria) ingestion on <i>Daphnia magna</i> midgut and associated diverticula epithelium. <i>Aquatic Toxicology</i> , <b>2006</b> , 80, 194-203	5.1	31
30	Eutrophication, toxic cyanobacteria and cyanotoxins: when ecosystems cry for help <b>2006</b> , 25, 425-432		41

29	Toxicity of culturable cyanobacteria strains isolated from the Portuguese coast. <i>Toxicon</i> , <b>2005</b> , 46, 454-64	4.8	31
28	Detection of microcystin synthetase genes in health food supplements containing the freshwater cyanobacterium <i>Aphanizomenon flos-aquae</i> . <i>Toxicon</i> , <b>2005</b> , 46, 555-62	2.8	51
27	Neuro-apoptogenic and blood platelet targeting toxins in benthic marine cyanobacteria from the Portuguese coast. <i>Aquatic Toxicology</i> , <b>2005</b> , 74, 294-306	5.1	9
26	Ingestion of microcystins by <i>Daphnia</i> : Intestinal uptake and toxic effects. <i>Limnology and Oceanography</i> , <b>2005</b> , 50, 440-448	4.8	78
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24	Contributed Article Dynamics and toxicity of <i>Anabaena aphanizomenoides</i> (Cyanobacteria) waterblooms in the shallow brackish Oued Mellah lake (Morocco). <i>Aquatic Ecosystem Health and Management</i> , <b>2005</b> , 8, 95-104	1.4	23
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21	Accumulation and depuration of the cyanobacterial toxin cylindrospermopsin in the freshwater mussel <i>Anodonta cygnea</i> . <i>Toxicon</i> , <b>2004</b> , 43, 185-94	2.8	99
20	Accumulation of paralytic shellfish toxins (PST) from the cyanobacterium <i>Aphanizomenon issatschenkoi</i> by the cladoceran <i>Daphnia magna</i> . <i>Toxicon</i> , <b>2004</b> , 44, 773-80	2.8	53
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15	Detection and quantification of microcystins from cyanobacteria strains isolated from reservoirs and ponds in Morocco. <i>Environmental Toxicology</i> , <b>2002</b> , 17, 32-9	4.2	75
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