Vitor M Vasconcelos

List of Publications by Citations

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	Molecular mechanisms of microcystin toxicity in animal cells. *International Journal of Molecular Sciences*, **2010**, 11, 268-87	6.3	349
423	Sea anemone (Cnidaria, Anthozoa, Actiniaria) toxins: an overview. *Marine Drugs*, **2012**, 10, 1812-51	6	153
422	Dynamics of microcystins in the mussel Mytilus galloprovincialis. *Toxicon*, **1999**, 37, 1041-52	2.8	145
421	Uptake and depuration of the heptapeptide toxin microcystin-LR in Mytilus galloprovincialis. *Aquatic Toxicology*, **1995**, 32, 227-237	5.1	137
420	Phycobiliproteins from cyanobacteria: Chemistry and biotechnological applications. *Biotechnology Advances*, **2019**, 37, 422-443	17.8	126
419	Toxicology and detection methods of the alkaloid neurotoxin produced by cyanobacteria, anatoxin-a. *Environment International*, **2007**, 33, 1070-89	12.9	126
418	Assays with Daphnia magna and Danio rerio as alert systems in aquatic toxicology. *Environment International*, **2007**, 33, 414-25	12.9	125
417	Hepatotoxic microcystin diversity in cyanobacterial blooms collected in portuguese freshwaters. *Water Research*, **1996**, 30, 2377-2384	12.5	119
416	First report and toxicological assessment of the cyanobacterium Cylindrospermopsis raciborskii from Portuguese freshwaters. *Ecotoxicology and Environmental Safety*, **2003**, 55, 243-50	7	116
415	Allelopathy in freshwater cyanobacteria. *Critical Reviews in Microbiology*, **2009**, 35, 271-82	7.8	112
414	Cylindrospermopsis raciborskii: review of the distribution, phylogeography, and ecophysiology of a global invasive species. *Frontiers in Microbiology*, **2015**, 6, 473	5.7	111
413	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. *Toxins*, **2018**, 10,	4.9	109
412	The chemical ecology of cyanobacteria. *Natural Product Reports*, **2012**, 29, 372-91	15.1	99
411	Accumulation and depuration of the cyanobacterial toxin cylindrospermopsin in the freshwater mussel Anodonta cygnea. *Toxicon*, **2004**, 43, 185-94	2.8	99
410	Palytoxin and analogs: biological and ecological effects. *Marine Drugs*, **2010**, 8, 2021-37	6	97
409	Cyanobacteria diversity and toxicity in a wastewater treatment plant (Portugal). *Water Research*, **2001**, 35, 1354-7	12.5	96
408	Marine cyanobacteria compounds with anticancer properties: a review on the implication of apoptosis. *Marine Drugs*, **2012**, 10, 2181-207	6	95

407	Isolation, characterization and quantification of microcystins (heptapeptides hepatotoxins) in Microcystis aeruginosa dominated bloom of Lalla Takerkoust lake-reservoir (Morocco). *Toxicon*, **2001**, 39, 1375-81	2.8	94
406	Synergistic allelochemicals from a freshwater cyanobacterium. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 11183-8	11.5	90
405	Microcystin dynamics in aquatic organisms. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2009**, 12, 65-82	8.6	90
404	Antimicrobial and Cytotoxic Assessment of Marine Cyanobacteria - Synechocystis and Synechococcus. *Marine Drugs*, **2008**, 6, 1-11	6	86
403	Impact of a toxic and a non-toxic strain of Microcystis aeruginosa on the crayfish Procambarus clarkii. *Toxicon*, **2001**, 39, 1461-70	2.8	82
402	Proteomic research in bivalves: towards the identification of molecular markers of aquatic pollution. *Journal of Proteomics*, **2012**, 75, 4346-59	3.9	80
401	Effects of microcystin-LR and cylindrospermopsin on plant-soil systems: A review of their relevance for agricultural plant quality and public health. *Environmental Research*, **2017**, 153, 191-204	7.9	79
400	Phytotoxic effects of cyanobacteria extract on the aquatic plant Lemna gibba: microcystin accumulation, detoxication and oxidative stress induction. *Aquatic Toxicology*, **2007**, 83, 284-94	5.1	79
399	Ingestion of microcystins by Daphnia: Intestinal uptake and toxic effects. *Limnology and Oceanography*, **2005**, 50, 440-448	4.8	78
398	Toxicity of the cyanobacterium Cylindrospermopsis raciborskii to Daphnia magna. *Environmental Toxicology*, **2004**, 19, 453-9	4.2	76
397	Evolution of CRISPs associated with toxicoferan-reptilian venom and mammalian reproduction. *Molecular Biology and Evolution*, **2012**, 29, 1807-22	8.3	75
396	Detection and quantification of microcystins from cyanobacteria strains isolated from reservoirs and ponds in Morocco. *Environmental Toxicology*, **2002**, 17, 32-9	4.2	75
395	Cylindrospermopsin: occurrence, methods of detection and toxicology. *Journal of Applied Microbiology*, **2013**, 114, 605-20	4.7	72
394	Effects on growth and oxidative stress status of rice plants (Oryza sativa) exposed to two extracts of toxin-producing cyanobacteria (Aphanizomenon ovalisporum and Microcystis aeruginosa). *Ecotoxicology and Environmental Safety*, **2011**, 74, 1973-80	7	72
393	New gastropod vectors and tetrodotoxin potential expansion in temperate waters of the Atlantic Ocean. *Marine Drugs*, **2012**, 10, 712-26	6	67
392	Natural antifouling compounds: Effectiveness in preventing invertebrate settlement and adhesion. *Biotechnology Advances*, **2015**, 33, 343-57	17.8	62
391	Effect of TiO2 photocatalysis on the destruction of Microcystis aeruginosa cells and degradation of cyanotoxins microcystin-LR and cylindrospermopsin. *Chemical Engineering Journal*, **2015**, 268, 144-152	14.7	61
390	Variation between strains of the cyanobacterium Microcystis aeruginosa isolated from a Portuguese river. *Journal of Applied Microbiology*, **2005**, 99, 749-57	4.7	61

389	Survey of microcystins in environmental water by a highly sensitive immunoassay based on monoclonal antibody. *Natural Toxins*, **1996**, 4, 271-6		60
388	Molecular evolution and the role of oxidative stress in the expansion and functional diversification of cytosolic glutathione transferases. *BMC Evolutionary Biology*, **2010**, 10, 281	3	59
387	Methods to detect cyanobacteria and their toxins in the environment. *Applied Microbiology and Biotechnology*, **2014**, 98, 8073-82	5.7	58
386	First detection of anatoxin-a in human and animal dietary supplements containing cyanobacteria. *Food and Chemical Toxicology*, **2009**, 47, 2189-95	4.7	58
385	Effects of microcystin-LR, cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture on growth, oxidative stress and mineral content in lettuce plants (Lactuca sativa L.). *Ecotoxicology and Environmental Safety*, **2015**, 116, 59-67	7	55
384	Cyanobacterium producing cylindrospermopsin cause oxidative stress at environmentally relevant concentrations in sub-chronically exposed tilapia (Oreochromis niloticus). *Chemosphere*, **2013**, 90, 1184-94	8.4	55
383	Differential protein expression in two bivalve species; Mytilus galloprovincialis and Corbicula fluminea; exposed to Cylindrospermopsis raciborskii cells. *Aquatic Toxicology*, **2011**, 101, 109-16	5.1	55
382	Effects of marine toxins on the reproduction and early stages development of aquatic organisms. *Marine Drugs*, **2010**, 8, 59-79	6	55
381	Are known cyanotoxins involved in the toxicity of picoplanktonic and filamentous North Atlantic marine cyanobacteria?. *Marine Drugs*, **2010**, 8, 1908-19	6	55
380	Phylogenetic, chemical and morphological diversity of cyanobacteria from Portuguese temperate estuaries. *Marine Environmental Research*, **2012**, 73, 7-16	3.3	54
379	Accumulation of paralytic shellfish toxins (PST) from the cyanobacterium Aphanizomenon issatschenkoi by the cladoceran Daphnia magna. *Toxicon*, **2004**, 44, 773-80	2.8	53
378	Effects of cyanobacteria producing microcystins on seed germination and seedling growth of several agricultural plants. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2008**, 43, 443-451	2.2	51
377	Detection of microcystin synthetase genes in health food supplements containing the freshwater cyanobacterium Aphanizomenon flos-aquae. *Toxicon*, **2005**, 46, 555-62	2.8	51
376	Phylogeny and biogeography of cyanobacteria and their produced toxins. *Marine Drugs*, **2013**, 11, 4350-69	6	49
375	The phosphoprotein phosphatase family of Ser/Thr phosphatases as principal targets of naturally occurring toxins. *Critical Reviews in Toxicology*, **2011**, 41, 83-110	5.7	48
374	Accumulation and depuration of cyanobacterial paralytic shellfish toxins by the freshwater mussel Anodonta cygnea. *Aquatic Toxicology*, **2004**, 68, 339-50	5.1	47
373	Exploring bioactive properties of marine cyanobacteria isolated from the Portuguese coast: high potential as a source of anticancer compounds. *Marine Drugs*, **2013**, 12, 98-114	6	46
372	Cyanobactins from Cyanobacteria: Current Genetic and Chemical State of Knowledge. *Marine Drugs* , **2015**, 13, 6910-46	6	46

371	Multiplex PCR for the detection of toxigenic cyanobacteria in dietary supplements produced for human consumption. *Applied Microbiology and Biotechnology*, **2007**, 73, 1136-42	5.7	46
370	Electrotechnologies applied to microalgal biotechnology Applications, techniques and future trends. *Renewable and Sustainable Energy Reviews*, **2018**, 94, 656-668	16.2	46
369	Acute effects of an anatoxin-a producing cyanobacterium on juvenile fish-Cyprinus carpio L. *Toxicon* , **2007**, 49, 693-8	2.8	45
368	Aptamer-Based Biosensors to Detect Aquatic Phycotoxins and Cyanotoxins. *Sensors*, **2018**, 18,	3.8	44
367	Exposure of Lycopersicon esculentum to microcystin-LR: effects in the leaf proteome and toxin translocation from water to leaves and fruits. *Toxins*, **2014**, 6, 1837-54	4.9	44
366	Toxicity assessment of crude and partially purified extracts of marine Synechocystis and Synechococcus cyanobacterial strains in marine invertebrates. *Toxicon*, **2007**, 50, 791-9	2.8	44
365	Current Screening Methodologies in Drug Discovery for Selected Human Diseases. *Marine Drugs*, **2018**, 16,	6	43
364	Computational study of the covalent bonding of microcystins to cysteine residues--a reaction involved in the inhibition of the PPP family of protein phosphatases. *FEBS Journal*, **2013**, 280, 674-80	5.7	42
363	New Insights on the Mode of Action of Microcystins in Animal Cells - A Review. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 1032-41	3.2	42
362	Marine biofilms: diversity of communities and of chemical cues. *Environmental Microbiology Reports*, **2019**, 11, 287-305	3.7	42
361	Microbial diversity associated with tetrodotoxin production in marine organisms. *Environmental Toxicology and Pharmacology*, **2013**, 36, 1046-54	5.8	41
360	First report on the occurrence of microcystins in planktonic cyanobacteria from Central Mexico. *Toxicon*, **2010**, 56, 425-31	2.8	41
359	Eutrophication, toxic cyanobacteria and cyanotoxins: when ecosystems cry for help **2006**, 25, 425-432		41
358	Revealing the potential of cyanobacteria in cosmetics and cosmeceuticals A new bioactive approach. *Algal Research*, **2019**, 41, 101541	5	40
357	First Report of Ciguatoxins in Two Starfish Species: Ophidiaster ophidianus and Marthasterias glacialis. *Toxins*, **2015**, 7, 3740-57	4.9	40
356	Antitumor activity of hierridin B, a cyanobacterial secondary metabolite found in both filamentous and unicellular marine strains. *PLoS ONE*, **2013**, 8, e69562	3.7	40
355	Absence of negative allelopathic effects of cylindrospermopsin and microcystin-LR on selected marine and freshwater phytoplankton species. *Hydrobiologia*, **2013**, 705, 27-42	2.4	39
354	Description of new genera and species of marine cyanobacteria from the Portuguese Atlantic coast. *Molecular Phylogenetics and Evolution*, **2017**, 111, 18-34	4.1	38

353	Culture-dependent characterization of cyanobacterial diversity in the intertidal zones of the Portuguese coast: a polyphasic study. *Systematic and Applied Microbiology*, **2012**, 35, 110-9	4.2	38
352	Identification and quantification of microcystins from a Nostoc muscorum bloom occurring in Oukaïmeden River (High-Atlas mountains of Marrakech, Morocco). *Environmental Monitoring and Assessment*, **2009**, 149, 437-44	3.1	38
351	Differential protein expression in Corbicula fluminea upon exposure to a Microcystis aeruginosa toxic strain. *Toxicon*, **2009**, 53, 409-16	2.8	38
350	Allelopathic activity of cyanobacteria on green microalgae at low cell densities. *European Journal of Phycology*, **2009**, 44, 347-355	2.2	38
349	Mammalian keratin associated proteins (KRTAPs) subgenomes: disentangling hair diversity and adaptation to terrestrial and aquatic environments. *BMC Genomics*, **2014**, 15, 779	4.5	37
348	Phytotoxic effects of a natural bloom extract containing microcystins on Lycopersicon esculentum. *Ecotoxicology and Environmental Safety*, **2012**, 79, 199-205	7	37
347	Effects of minocycline and its degradation products on the growth of Microcystis aeruginosa. *Ecotoxicology and Environmental Safety*, **2011**, 74, 219-24	7	37
346	Molecular evolution of vertebrate neurotrophins: co-option of the highly conserved nerve growth factor gene into the advanced snake venom arsenalf. *PLoS ONE*, **2013**, 8, e81827	3.7	37
345	Antifouling potential of Nature-inspired sulfated compounds. *Scientific Reports*, **2017**, 7, 42424	4.9	36
344	The non-protein amino acid ß-N-methylamino-L-alanine in Portuguese cyanobacterial isolates. *Amino Acids*, **2012**, 42, 2473-9	3.5	36
343	Effects on growth, antioxidant enzyme activity and levels of extracellular proteins in the green alga Chlorella vulgaris exposed to crude cyanobacterial extracts and pure microcystin and cylindrospermopsin. *Ecotoxicology and Environmental Safety*, **2013**, 94, 45-53	7	36
342	Unraveling cyanobacteria ecology in wastewater treatment plants (WWTP). *Microbial Ecology*, **2011**, 62, 241-56	4.4	36
341	A novel cyanobacterial nostocyclopeptide is a potent antitoxin against microcystins. *ChemBioChem*, **2010**, 11, 1594-9	3.8	36
340	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	3.2	35
339	Seaweed Bioactive Compounds against Pathogens and Microalgae: Potential Uses on Pharmacology and Harmful Algae Bloom Control. *Marine Drugs*, **2018**, 16,	6	35
338	Allelopatic effects of cyanobacteria extracts containing microcystins on Medicago sativa-Rhizobia symbiosis. *Ecotoxicology and Environmental Safety*, **2011**, 74, 431-8	7	34
337	Production of anatoxin-a by cyanobacterial strains isolated from Portuguese fresh water systems. *Ecotoxicology*, **2009**, 18, 1110-5	2.9	34
336	Molecular techniques for the early warning of toxic cyanobacteria blooms in freshwater lakes and rivers. *Applied Microbiology and Biotechnology*, **2007**, 75, 441-9	5.7	34

335	Dynamics of glutathione-S-transferases in Mytilus galloprovincialis exposed to toxic Microcystis aeruginosa cells, extracts and pure toxins. *Toxicon*, **2007**, 50, 740-5	2.8	34
334	Occurrence of Mycotoxins in Fish Feed and Its Effects: A Review. *Toxins*, **2020**, 12,	4.9	33
333	Biosynthesis-assisted structural elucidation of the bartolosides, chlorinated aromatic glycolipids from cyanobacteria. *Angewandte Chemie - International Edition*, **2015**, 54, 11063-7	16.4	33
332	Assessing the antibiotic susceptibility of freshwater Cyanobacteria spp. *Frontiers in Microbiology*, **2015**, 6, 799	5.7	33
331	Primary Screening of the Bioactivity of Brackishwater Cyanobacteria: Toxicity of Crude Extracts to Artemia salina Larvae and Paracentrotus lividus Embryos. *Marine Drugs*, **2010**, 8, 471-482	6	33
330	Comparison of sensitivity of grasses (Lolium perenne L. and Festuca rubra L.) and lettuce (Lactuca sativa L.) exposed to water contaminated with microcystins. *Bulletin of Environmental Contamination and Toxicology*, **2009**, 83, 81-4	2.7	33
329	Peptide diversity in strains of the cyanobacterium Microcystis aeruginosa isolated from Portuguese water supplies. *Applied Microbiology and Biotechnology*, **2009**, 82, 951-61	5.7	33
328	Effects of cyanobacterial extracts containing anatoxin-a and of pure anatoxin-a on early developmental stages of carp. *Ecotoxicology and Environmental Safety*, **2009**, 72, 473-8	7	33
327	Emergent toxins in North Atlantic temperate waters: a challenge for monitoring programs and legislation. *Toxins*, **2015**, 7, 859-85	4.9	32
326	Toxicity of culturable cyanobacteria strains isolated from the Portuguese coast. *Toxicon*, **2005**, 46, 454-64	4.8	31
325	Effects of Cylindrospermopsis raciborskii and Aphanizomenon ovalisporum (cyanobacteria) ingestion on Daphnia magna midgut and associated diverticula epithelium. *Aquatic Toxicology*, **2006**, 80, 194-203	5.1	31
324	Phylogeny and biogeography of the invasive cyanobacterium Cylindrospermopsis raciborskii. *Archives of Microbiology*, **2015**, 197, 47-52	3	30
323	Development and single laboratory validation of an optical biosensor assay for tetrodotoxin detection as a tool to combat emerging risks in European seafood. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 7753-63	4.4	30
322	Compensatory growth induced in zebrafish larvae after pre-exposure to a Microcystis aeruginosa natural bloom extract containing microcystins. *International Journal of Molecular Sciences*, **2009**, 10, 133-46	6.2	30
321	Cyanobacterial extracts containing microcystins affect the growth, nodulation process and nitrogen uptake of faba bean (Vicia faba L., Fabaceae). *Ecotoxicology*, **2012**, 21, 681-7	2.9	29
320	Molecular and phylogenetic characterization of potentially toxic cyanobacteria in Tunisian freshwaters. *Systematic and Applied Microbiology*, **2011**, 34, 303-10	4.2	29
319	Impacts of Silver Nanoparticles on a Natural Estuarine Plankton Community. *Environmental Science & Technology*, **2015**, 49, 12968-74	10.3	28
318	Unusual symbiotic cyanobacteria association in the genetically diverse intertidal marine sponge Hymeniacidon perlevis (Demospongiae, Halichondrida). *PLoS ONE*, **2012**, 7, e51834	3.7	28

317	Application of real-time PCR in the assessment of the toxic cyanobacterium Cylindrospermopsis raciborskii abundance and toxicological potential. *Applied Microbiology and Biotechnology*, **2011**, 92, 189-97	5.7	28
316	Fate and effects of octylphenol in a Microcystis aeruginosa culture medium. *Aquatic Toxicology*, **2009**, 92, 59-64	5.1	28
315	Time series forecasting of cyanobacteria blooms in the Crestuma Reservoir (Douro River, Portugal) using artificial neural networks. *Environmental Management*, **2006**, 38, 227-37	3.1	28
314	Toxicology of a Microcystis ichthyoblabe waterbloom from Lake Oued Mellah (Morocco). *Environmental Toxicology*, **2002**, 17, 24-31	4.2	28
313	Classification and phylogeny of the cyanobiont Anabaena azollae Strasburger: an answered question?. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 1830-1840	2.2	27
312	A New Ergosterol Analog, a New Bis-Anthraquinone and Anti-Obesity Activity of Anthraquinones from the Marine Sponge-Associated Fungus Talaromyces stipitatus KUFA 0207. *Marine Drugs*, **2017**, 15,	6	27
311	Allelopathy prevents competitive exclusion and promotes phytoplankton biodiversity. *Oikos*, **2018**, 127, 85-98	4	26
310	Oxidation of microcystin-LR and cylindrospermopsin by heterogeneous photocatalysis using a tubular photoreactor packed with different TiO2 coated supports. *Chemical Engineering Journal*, **2015**, 266, 100-111	14.7	26
309	Barnacles as biomonitors of metal contamination in coastal waters. *Estuarine, Coastal and Shelf Science*, **2011**, 93, 269-278	2.9	26
308	Early physiological and biochemical responses of rice seedlings to low concentration of microcystin-LR. *Ecotoxicology*, **2014**, 23, 107-21	2.9	25
307	Cyanobacterium Microcystis aeruginosa response to pentachlorophenol and comparison with that of the microalga Chlorella vulgaris. *Water Research*, **2014**, 52, 63-72	12.5	25
306	Microbial community changes elicited by exposure to cyanobacterial allelochemicals. *Microbial Ecology*, **2012**, 63, 85-95	4.4	25
305	Oceans and Human Health (OHH): a European perspective from the Marine Board of the European Science Foundation (Marine Board-ESF). *Microbial Ecology*, **2013**, 65, 889-900	4.4	25
304	Influence of biotic and abiotic factors on the allelopathic activity of the cyanobacterium Cylindrospermopsis raciborskii strain LEGE 99043. *Microbial Ecology*, **2012**, 64, 584-92	4.4	25
303	Analysis of anatoxin-a in biological samples using liquid chromatography with fluorescence detection after solid phase extraction and solid phase microextraction. *Journal of Chromatography A*, **2007**, 1156, 134-40	4.5	25
302	The conifer biomarkers dehydroabietic and abietic acids are widespread in Cyanobacteria. *Scientific Reports*, **2016**, 6, 23436	4.9	25
301	New Method for Simultaneous Determination of Microcystins and Cylindrospermopsin in Vegetable Matrices by SPE-UPLC-MS/MS. *Toxins*, **2018**, 10,	4.9	25
300	Carotenoids from Cyanobacteria: A Biotechnological Approach for the Topical Treatment of Psoriasis. *Microorganisms*, **2020**, 8,	4.9	24

299	The protective role of l-carnitine against cylindrospermopsin-induced oxidative stress in tilapia (Oreochromis niloticus). *Aquatic Toxicology*, **2013**, 132-133, 141-50	5.1	24
298	Analysis of the use of microcystin-contaminated water in the growth and nutritional quality of the root-vegetable, Daucus carota. *Environmental Science and Pollution Research*, **2017**, 24, 752-764	5.1	24
297	Cyanobacterial Diversity in Microbial Mats from the Hypersaline Lagoon System of Araruama, Brazil: An In-depth Polyphasic Study. *Frontiers in Microbiology*, **2017**, 8, 1233	5.7	24
296	Bioprospecting Portuguese Atlantic coast cyanobacteria for bioactive secondary metabolites reveals untapped chemodiversity. *Algal Research*, **2015**, 9, 218-226	5	24
295	Effect of different microcystin profiles on toxin bioaccumulation in common carp (Cyprinus carpio) larvae via Artemia nauplii. *Ecotoxicology and Environmental Safety*, **2010**, 73, 762-70	7	24
294	Changes in the GST activity of the mussel Mytilus galloprovincialis during exposure and depuration of microcystins. *Journal of Experimental Zoology*, **2009**, 311, 226-30		24
293	CYN determination in tissues from freshwater fish by LC-MS/MS: validation and application in tissues from subchronically exposed tilapia (Oreochromis niloticus). *Talanta*, **2015**, 131, 452-9	6.2	23
292	Lipid reducing activity and toxicity profiles of a library of polyphenol derivatives. *European Journal of Medicinal Chemistry*, **2018**, 151, 272-284	6.8	23
291	Production of a broad specificity antibody for the development and validation of an optical SPR screening method for free and intracellular microcystins and nodularin in cyanobacteria cultures. *Talanta*, **2014**, 122, 8-15	6.2	23
290	Development and optimization of a method for the determination of Cylindrospermopsin from strains of Aphanizomenon cultures: intra-laboratory assessment of its accuracy by using validation standards. *Talanta*, **2012**, 100, 356-63	6.2	23
289	Contributed Article Dynamics and toxicity ofAnabaena aphanizomenoides(Cyanobacteria) waterblooms in the shallow brackish Oued Mellah lake (Morocco). *Aquatic Ecosystem Health and Management*, **2005**, 8, 95-104	1.4	23
288	Obesity: The Metabolic Disease, Advances on Drug Discovery and Natural Product Research. *Current Topics in Medicinal Chemistry*, **2016**, 16, 2577-604	3	23
287	Potential of synthetic chalcone derivatives to prevent marine biofouling. *Science of the Total Environment*, **2018**, 643, 98-106	10.2	23
286	Hierridin B Isolated from a Marine Cyanobacterium Alters VDAC1, Mitochondrial Activity, and Cell Cycle Genes on HT-29 Colon Adenocarcinoma Cells. *Marine Drugs*, **2016**, 14,	6	23
285	Mode of action and fate of microcystins in the complex soil-plant ecosystems. *Chemosphere*, **2019**, 225, 270-281	8.4	22
284	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	6.6	22
283	Allelopathic activity of picocyanobacterium Synechococcus sp. on filamentous cyanobacteria. *Journal of Experimental Marine Biology and Ecology*, **2017**, 496, 16-21	2.1	22
282	A curated database of cyanobacterial strains relevant for modern taxonomy and phylogenetic studies. *Scientific Data*, **2017**, 4, 170054	8.2	22

281	Cyanobacterial Allelochemicals But Not Cyanobacterial Cells Markedly Reduce Microbial Community Diversity. *Frontiers in Microbiology*, **2017**, 8, 1495	5.7	22
280	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, 402-15	4.9	22
279	Protein extraction and two-dimensional gel electrophoresis of proteins in the marine mussel Mytilus galloprovincialis: an important tool for protein expression studies, food quality and safety assessment. *Journal of the Science of Food and Agriculture*, **2013**, 93, 1779-87	4.3	22
278	New invertebrate vectors for PST, spirolides and okadaic acid in the North Atlantic. *Marine Drugs*, **2013**, 11, 1936-60	6	22
277	Seasonal dynamics of Microcystis spp. and their toxigenicity as assessed by qPCR in a temperate reservoir. *Marine Drugs*, **2011**, 9, 1715-30	6	22
276	Genetic diversity and structure of the invasive toxic cyanobacterium Cylindrospermopsis raciborskii. *Current Microbiology*, **2011**, 62, 1590-5	2.4	22
275	Cyanobacteria and bacteria co-occurrence in a wastewater treatment plant: absence of allelopathic effects. *Water Science and Technology*, **2010**, 62, 1954-62	2.2	22
274	Comparative Analysis of the Adhesive Proteins of the Adult Stalked Goose Barnacle Pollicipes pollicipes (Cirripedia: Pedunculata). *Marine Biotechnology*, **2019**, 21, 38-51	3.4	22
273	Proteomic profiling of cytosolic glutathione transferases from three bivalve species: Corbicula fluminea, Mytilus galloprovincialis and Anodonta cygnea. *International Journal of Molecular Sciences* , **2014**, 15, 1887-900	6.3	21
272	Genetic variability of the invasive cyanobacteria Cylindrospermopsis raciborskii from Bir M'cherga reservoir (Tunisia). *Archives of Microbiology*, **2011**, 193, 595-604	3	21
271	Microcystins and cyanobacteria trends in a 14 year monitoring of a temperate eutrophic reservoir (Aguieira, Portugal). *Journal of Environmental Monitoring*, **2011**, 13, 668-72		21
270	Low Genetic Diversity and High Invasion Success of Corbicula fluminea (Bivalvia, Corbiculidae) (Müller, 1774) in Portugal. *PLoS ONE*, **2016**, 11, e0158108	3.7	21
269	Inhibition of Bacterial and Fungal Biofilm Formation by 675 Extracts from Microalgae and Cyanobacteria. *Antibiotics*, **2019**, 8,	4.9	20
268	Biochemical and growth performance of the aquatic macrophyte Azolla filiculoides to sub-chronic exposure to cylindrospermopsin. *Ecotoxicology*, **2015**, 24, 1848-57	2.9	20
267	Neofiscalin A and fiscalin C are potential novel indole alkaloid alternatives for the treatment of multidrug-resistant Gram-positive bacterial infections. *FEMS Microbiology Letters*, **2016**, 363,	2.9	20
266	Evidence of unique and generalist microbes in distantly related sympatric intertidal marine sponges (Porifera: Demospongiae). *PLoS ONE*, **2013**, 8, e80653	3.7	20
265	Use of qPCR for the study of hepatotoxic cyanobacteria population dynamics. *Archives of Microbiology*, **2011**, 193, 615-27	3	20
264	Uptake and depuration of anatoxin-a by the mussel Mytilus galloprovincialis (Lamarck, 1819) under laboratory conditions. *Chemosphere*, **2008**, 72, 1235-41	8.4	20

263	Role of marine cyanobacteria in trace metal bioavailability in seawater. *Microbial Ecology*, **2007**, 53, 104-9	4.4	20
262	Dietary l-carnitine prevents histopathological changes in tilapia (Oreochromis Niloticus) exposed to cylindrospermopsin. *Environmental Toxicology*, **2017**, 32, 241-254	4.2	19
261	Lettuce (Lactuca sativa L.) leaf-proteome profiles after exposure to cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture: a concentration-dependent response. *Phytochemistry*, **2015**, 110, 91-103	4	19
260	Picocyanobacteria from a clade of marine Cyanobium revealed bioactive potential against microalgae, bacteria, and marine invertebrates. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 432-42	3.2	19
259	Synergistic Effects Between Thioxanthones and Oxacillin Against Methicillin-Resistant Staphylococcus aureus. *Microbial Drug Resistance*, **2015**, 21, 404-15	2.9	19
258	Exopolysaccharides from Cyanobacteria: Strategies for Bioprocess Development. *Applied Sciences (Switzerland)*, **2020**, 10, 3763	2.6	19
257	Effects of depuration on oxidative biomarkers in tilapia (Oreochromis niloticus) after subchronic exposure to cyanobacterium producing cylindrospermopsin. *Aquatic Toxicology*, **2014**, 149, 40-9	5.1	19
256	Screening of BMAA-producing cyanobacteria in cultured isolates and in in situ blooms. *Journal of Applied Phycology*, **2017**, 29, 879-888	3.2	19
255	Species-specific real-time PCR cell number quantification of the bloom-forming cyanobacterium Planktothrix agardhii. *Archives of Microbiology*, **2012**, 194, 749-57	3	19
254	Determination of the non protein amino acid □N-methylamino-l-alanine in estuarine cyanobacteria by capillary electrophoresis. *Toxicon*, **2011**, 58, 410-4	2.8	19
253	Growth responses of Microcystis ichthyoblabe K□zing and Anabaena aphanizomenoides Forti (cyanobacteria) under different nitrogen and phosphorus conditions. *Chemistry and Ecology*, **2009**, 25, 337-344	2.3	19
252	First record of toxins associated with cyanobacterial blooms in oligotrophic North Patagonian lakes of Chile□ genomic approach. *International Review of Hydrobiology*, **2016**, 101, 57-68	2.3	19
251	Evolutionary genomics and adaptive evolution of the Hedgehog gene family (Shh, Ihh and Dhh) in vertebrates. *PLoS ONE*, **2014**, 9, e74132	3.7	18
250	Planktonic and benthic cyanobacteria of European brackish waters: a perspective on estuaries and brackish seas. *European Journal of Phycology*, **2011**, 46, 292-304	2.2	18
249	Sphaerocyclamide, a prenylated cyanobactin from the cyanobacterium Sphaerospermopsis sp. LEGE 00249. *Scientific Reports*, **2018**, 8, 14537	4.9	18
248	Hepatotoxicity induced by paclitaxel interaction with turmeric in association with a microcystin from a contaminated dietary supplement. *Toxicon*, **2018**, 150, 207-211	2.8	18
247	Video-tracking of zebrafish (Danio rerio) as a biological early warning system using two distinct artificial neural networks: Probabilistic neural network (PNN) and self-organizing map (SOM). *Aquatic Toxicology*, **2015**, 165, 241-8	5.1	17
246	Cytotoxicity of portoamides in human cancer cells and analysis of the molecular mechanisms of action. *PLoS ONE*, **2017**, 12, e0188817	3.7	17

245	Allelopathic activity of the picocyanobacterium Synechococcus sp. on unicellular eukaryote planktonic microalgae. *Marine and Freshwater Research*, **2018**, 69, 1472	2.2	17
244	Portable sensing system based on electrochemical impedance spectroscopy for the simultaneous quantification of free and total microcystin-LR in freshwaters. *Biosensors and Bioelectronics*, **2019**, 142, 111550	11.8	17
243	Physiological and antioxidant responses of Medicago sativa-rhizobia symbiosis to cyanobacterial toxins (Microcystins) exposure. *Toxicon*, **2013**, 76, 167-77	2.8	17
242	Effects of storage, processing and proteolytic digestion on microcystin-LR concentration in edible clams. *Food and Chemical Toxicology*, **2014**, 66, 217-23	4.7	17
241	Detection and variation of microcystin contents of Microcystis blooms in eutrophic Lalla Takerkoust Lake, Morocco. *Lakes and Reservoirs: Research and Management*, **2002**, 7, 35-44	1.2	17
240	The role of gene duplication and unconstrained selective pressures in the melanopsin gene family evolution and vertebrate circadian rhythm regulation. *PLoS ONE*, **2012**, 7, e52413	3.7	17
239	IMPACT_S: integrated multiprogram platform to analyze and combine tests of selection. *PLoS ONE*, **2014**, 9, e96243	3.7	17
238	The Incidence of Marine Toxins and the Associated Seafood Poisoning Episodes in the African Countries of the Indian Ocean and the Red Sea. *Toxins*, **2019**, 11,	4.9	16
237	Assessment of the non-protein amino acid BMAA in Mediterranean mussel Mytilus galloprovincialis after feeding with estuarine cyanobacteria. *Environmental Science and Pollution Research*, **2015**, 22, 12501-10	5.1	16
236	Small Molecules in the Cone Snail Arsenal. *Organic Letters*, **2015**, 17, 4933-5	6.2	16
235	The interactive effects of microcystin-LR and cylindrospermopsin on the growth rate of the freshwater algae Chlorella vulgaris. *Ecotoxicology*, **2016**, 25, 745-58	2.9	16
234	Acetylcholinesterase in Biofouling Species: Characterization and Mode of Action of Cyanobacteria-Derived Antifouling Agents. *Toxins*, **2015**, 7, 2739-56	4.9	16
233	Cyanobacteria hepatotoxins, microcystins: bioavailability in contaminated mussels exposed to different environmental conditions. *European Food Research and Technology*, **2008**, 227, 949-952	3.4	16
232	Phototactic behavior in Daphnia magna Straus as an indicator of toxicants in the aquatic environment. *Ecotoxicology and Environmental Safety*, **2007**, 67, 417-22	7	16
231	Biofilm formation behaviour of marine filamentous cyanobacterial strains in controlled hydrodynamic conditions. *Environmental Microbiology*, **2019**, 21, 4411-4424	5.2	15
230	Goose barnacle Pollicipes pollicipes as biomonitor of metal contamination in the northwest coast of Portugal. *Environmental Monitoring and Assessment*, **2012**, 184, 6987-7000	3.1	15
229	Adaptive evolution of the Retinoid X receptor in vertebrates. *Genomics*, **2012**, 99, 81-9	4.3	15
228	Chemoecological screening reveals high bioactivity in diverse culturable Portuguese marine cyanobacteria. *Marine Drugs*, **2013**, 11, 1316-35	6	15

227	Cytotoxicity in L929 fibroblasts and inhibition of herpes simplex virus type 1 Kupka by estuarine cyanobacteria extracts. *Toxicology in Vitro*, **2011**, 25, 944-50	3.6	15
226	Adaptive evolution of the matrix extracellular phosphoglycoprotein in mammals. *BMC Evolutionary Biology*, **2011**, 11, 342	3	15
225	DNA profiling of complex bacterial populations: toxic cyanobacterial blooms. *Applied Microbiology and Biotechnology*, **2009**, 85, 237-52	5.7	15
224	Effect of light and temperature on the population dynamics of two toxic bloom forming Cyanobacteria Microcystis ichthyoblabe and Anabaena aphanizomenoides. *Chemistry and Ecology*, **2009**, 25, 277-284	2.3	15
223	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. *Scientific Data*, **2018**, 5, 180226	8.2	15
222	Essential oils from Moroccan plants as promising ecofriendly tools to control toxic cyanobacteria blooms. *Industrial Crops and Products*, **2020**, 143, 111922	5.9	15
221	Bioaccessibility and changes on cylindrospermopsin concentration in edible mussels with storage and processing time. *Food Control*, **2016**, 59, 567-574	6.2	14
220	Analysis of Pelagia noctiluca proteome Reveals a Red Fluorescent Protein, a Zinc Metalloproteinase and a Peroxiredoxin. *Protein Journal*, **2017**, 36, 77-97	3.9	14
219	Microalgal Biomass Cultivation **2017**, 257-284		14
218	A Multi-Bioassay Integrated Approach to Assess the Antifouling Potential of the Cyanobacterial Metabolites Portoamides. *Marine Drugs*, **2019**, 17,	6	14
217	Proteomic profiling of gill GSTs in Mytilus galloprovincialis from the North of Portugal and Galicia evidences variations at protein isoform level with a possible relation with water quality. *Marine Environmental Research*, **2015**, 110, 152-61	3.3	14
216	The Relative Importance of Shear Forces and Surface Hydrophobicity on Biofilm Formation by Coccoid Cyanobacteria. *Polymers*, **2020**, 12,	4.5	14
215	Light-dependent cytolysis in the allelopathic interaction between picoplanktic and filamentous cyanobacteria. *Journal of Plankton Research*, **2018**, 40, 165-177	2.2	14
214	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of and. *Toxins*, **2019**, 11,	4.9	14
213	Interactions between allelopathic properties and growth kynetics in four freshwater phytoplankton species studied by model simulations. *Aquatic Ecology*, **2014**, 48, 191-205	1.9	14
212	Seasonal variation of metal contamination in the barnacles Pollicipes pollicipes in northwest coast of Portugal show clear correlation with levels in the surrounding water. *Marine Pollution Bulletin*, **2013**, 70, 155-61	6.7	14
211	Glutathione Transferases Responses Induced by Microcystin-LR in the Gills and Hepatopancreas of the Clam Venerupis philippinarum. *Toxins*, **2015**, 7, 2096-120	4.9	14
210	Trace metal concentration in a temperate freshwater reservoir seasonally subjected to blooms of toxin-producing cyanobacteria. *Microbial Ecology*, **2014**, 68, 671-8	4.4	14

209	Chthamalus montagui as biomonitor of metal contamination in the northwest coast of Portugal. *Environmental Monitoring and Assessment*, **2012**, 184, 5421-37	3.1	14
208	The development of a cryopreservation method suitable for a large cyanobacteria collection. *Journal of Applied Phycology*, **2013**, 25, 1483-1493	3.2	14
207	Characterization of an intertidal cyanobacterium that constitutes a separate clade together with thermophilic strains. *European Journal of Phycology*, **2010**, 45, 394-403	2.2	14
206	Oxygen consumption by Daphnia magna Straus as a marker of chemical stress in the aquatic environment. *Environmental Toxicology and Chemistry*, **2007**, 26, 1987-91	3.8	14
205	Cytotoxic and morphological effects of microcystin-LR, cylindrospermopsin, and their combinations on the human hepatic cell line HepG2. *Environmental Toxicology*, **2019**, 34, 240-251	4.2	14
204	Chlorophyll Derivatives from Marine Cyanobacteria with Lipid-Reducing Activities. *Marine Drugs*, **2019**, 17,	6	13
203	Proteomic Analyses of the Unexplored Sea Anemone Bunodactis verrucosa. *Marine Drugs*, **2018**, 16,	6	13
202	Effects of microcystin-LR on Saccharomyces cerevisiae growth, oxidative stress and apoptosis. *Toxicon*, **2014**, 90, 191-8	2.8	13
201	Phylogeny of microcystins: evidence of a biogeographical trend?. *Current Microbiology*, **2013**, 66, 214-21	2.4	13
200	Protective role of dietary N-acetylcysteine on the oxidative stress induced by cylindrospermopsin in tilapia (Oreochromis niloticus). *Environmental Toxicology and Chemistry*, **2012**, 31, 1548-55	3.8	13
199	Toxic effects of domoic acid in the seabream Sparus aurata. *Marine Drugs*, **2010**, 8, 2721-32	6	13
198	Distinct Temporal Succession of Bacterial Communities in Early Marine Biofilms in a Portuguese Atlantic Port. *Frontiers in Microbiology*, **2020**, 11, 1938	5.7	13
197	Carotenoids from Cyanobacteria: Biotechnological Potential and Optimization Strategies. *Biomolecules*, **2021**, 11,	5.9	13
196	Bacterial diversity and tetrodotoxin analysis in the viscera of the gastropods from Portuguese coast. *Toxicon*, **2016**, 119, 186-93	2.8	12
195	Proteomic analysis of anatoxin-a acute toxicity in zebrafish reveals gender specific responses and additional mechanisms of cell stress. *Ecotoxicology and Environmental Safety*, **2015**, 120, 93-101	7	12
194	Dynamics of protein phosphatase gene expression in Corbicula fluminea exposed to microcystin-LR and to toxic Microcystis aeruginosa cells. *International Journal of Molecular Sciences*, **2011**, 12, 9172-88	6.3	12
193	Isolation and FTIR-ATR and H NMR Characterization of Alginates from the Main Alginophyte Species of the Atlantic Coast of Morocco. *Molecules*, **2020**, 25,	4.8	12
192	Overcoming environmental problems of biocides: Synthetic bile acid derivatives as a sustainable alternative. *Ecotoxicology and Environmental Safety*, **2020**, 187, 109812	7	12

191	Microcystin Incidence in the Drinking Water of Mozambique: Challenges for Public Health Protection. *Toxins*, **2020**, 12,	4.9	11
190	White and red LEDs as two-phase batch for cyanobacterial pigments production. *Bioresource Technology*, **2020**, 307, 123105	11	11
189	Reversed-phase HPLC/FD method for the quantitative analysis of the neurotoxin BMAA (ΕN-methylamino-L-alanine) in cyanobacteria. *Toxicon*, **2012**, 59, 379-84	2.8	11
188	Cyanobacterium producing cylindrospermopsin cause histopathological changes at environmentally relevant concentrations in subchronically exposed tilapia (Oreochromis niloticus). *Environmental Toxicology*, **2015**, 30, 261-77	4.2	11
187	Adaptive functional divergence of the warm temperature acclimation-related protein (WAP65) in fishes and the ortholog hemopexin (HPX) in mammals. *Journal of Heredity*, **2014**, 105, 237-52	2.4	11
186	TI2BioP: Topological Indices to BioPolymers. Its practical use to unravel cryptic bacteriocin-like domains. *Amino Acids*, **2011**, 40, 431-42	3.5	11
185	Allelopathic effect of Cylindrospermopsis raciborskii extracts on the germination and growth of several plant species. *Chemistry and Ecology*, **2010**, 26, 263-271	2.3	11
184	Fused aryl-phenazines: scaffold for the development of bioactive molecules. *Current Drug Targets*, **2014**, 15, 681-8	3	11
183	Exploitation of Filamentous and Picoplanktonic Cyanobacteria for Cosmetic Applications: Potential to Improve Skin Structure and Preserve Dermal Matrix Components. *Marine Drugs*, **2020**, 18,	6	11
182	Bioactive potential of Cyanobium sp. pigment-rich extracts. *Journal of Applied Phycology*, **2020**, 32, 3031-3040	3.2	11
181	Monitoring of biofouling communities in a Portuguese port using a combined morphological and metabarcoding approach. *Scientific Reports*, **2020**, 10, 13461	4.9	11
180	Deciphering the role of cyanobacteria in water resistome: Hypothesis justifying the antibiotic resistance (phenotype and genotype) in Planktothrix genus. *Science of the Total Environment*, **2019**, 652, 447-454	10.2	11
179	First occurrence of cylindrospermopsin in Portugal: a contribution to its continuous global dispersal. *Toxicon*, **2017**, 130, 87-90	2.8	10
178	Assessment of uptake and phytotoxicity of cyanobacterial extracts containing microcystins or cylindrospermopsin on parsley (Petroselinum crispum L.) and coriander (Coriandrum sativum L). *Environmental Science and Pollution Research*, **2017**, 24, 1999-2009	5.1	10
177	Antifouling Napyradiomycins from Marine-Derived Actinomycetes. *Marine Drugs*, **2020**, 18,	6	10
176	Insights into the potential of picoplanktonic marine cyanobacteria strains for cancer therapies - Cytotoxic mechanisms against the RKO colon cancer cell line. *Toxicon*, **2016**, 119, 140-51	2.8	10
175	Pentachlorophenol toxicity to a mixture of Microcystis aeruginosa and Chlorella vulgaris cultures. *Aquatic Toxicology*, **2014**, 150, 159-64	5.1	10
174	Fish lateral line innovation: insights into the evolutionary genomic dynamics of a unique mechanosensory organ. *Molecular Biology and Evolution*, **2012**, 29, 3887-98	8.3	10

173	N-terminal protease gene phylogeny reveals the potential for novel cyanobactin diversity in cyanobacteria. *Marine Drugs*, **2013**, 11, 4902-16	6	10
172	Caract□isation biochimique et mol□ulaire d□fflorescences □cyanobact□ies toxiques dans le r□servoir Lalla Takerkoust (Maroc). *Revue Des Sciences De L□Eau*, **2011**, 24, 117-128	0.2	10
171	Effects of the microcystin profile of a cyanobacterial bloom on growth and toxin accumulation in common carp Cyprinus carpio larvae. *Journal of Fish Biology*, **2010**, 76, 1415-30	1.9	10
170	Detection of microcystin contamination by the measurement of the variability of the in vivo chlorophyll fluorescence in aquatic plant Lemna gibba. *Toxicon*, **2009**, 53, 9-14	2.8	10
169	Structure of Hierridin C, Synthesis of Hierridins B and C, and Evidence for Prevalent Alkylresorcinol Biosynthesis in Picocyanobacteria. *Journal of Natural Products*, **2019**, 82, 393-402	4.9	10
168	Impacts of Microcystins on Morphological and Physiological Parameters of Agricultural Plants: A Review. *Plants*, **2021**, 10,	4.5	10
167	LMAP: Lightweight Multigene Analyses in PAML. *BMC Bioinformatics*, **2016**, 17, 354	3.6	10
166	Multiple regression analysis to assess the role of plankton on the distribution and speciation of mercury in water of a contaminated lagoon. *Journal of Hazardous Materials*, **2016**, 318, 711-722	12.8	10
165	An important resource for understanding bio-adhesion mechanisms: Cement gland transcriptomes of two goose barnacles, Pollicipes pollicipes and Lepas anatifera (Cirripedia, Thoracica). *Marine Genomics*, **2019**, 45, 16-20	1.9	10
164	Paralytic Shellfish Toxins Occurrence in Non-Traditional Invertebrate Vectors from North Atlantic Waters (Azores, Madeira, and Morocco). *Toxins*, **2018**, 10,	4.9	10
163	Temperature-dependent impacts of allelopathy on growth, pigment, and lipid content between a subpolar strain of Synechocystis sp. CCBA MA-01 and coexisting microalgae. *Hydrobiologia*, **2019**, 835, 117-128	2.4	9
162	Cyanotoxins Occurrence in Portugal: A New Report on Their Recent Multiplication. *Toxins*, **2020**, 12,	4.9	9
161	A new method for the simultaneous determination of cyanotoxins (Microcystins and Cylindrospermopsin) in mussels using SPE-UPLC-MS/MS. *Environmental Research*, **2020**, 185, 109284	7.9	9
160	Assessment of the Allelochemical Activity and Biochemical Profile of Different Phenotypes of Picocyanobacteria from the Genus. *Marine Drugs*, **2020**, 18,	6	9
159	Assessment of Constructed Wetlands□Potential for the Removal of Cyanobacteria and Microcystins (MC-LR). *Water (Switzerland)*, **2020**, 12, 10	3	9
158	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	5	9
157	Effects of Chrysosporum (Aphanizomenon) ovalisporum extracts containing cylindrospermopsin on growth, photosynthetic capacity, and mineral content of carrots (Daucus carota). *Ecotoxicology*, **2017**, 26, 22-31	2.9	9
156	Eutrophication, phytoplankton dynamics and nutrient removal in two man-made urban lakes (Pal□io de Cristal and Serralves), Porto, Portugal. *Lakes and Reservoirs: Research and Management*, **2007**, 12, 209-214	1.2	9

155	Neuro-apoptogenic and blood platelet targeting toxins in benthic marine cyanobacteria from the Portuguese coast. *Aquatic Toxicology*, **2005**, 74, 294-306	5.1	9
154	Isolation of microcystin-LR from a microcystis (cyanobacteria) waterbloom collected in the drinking water reservoir for porto, Portugal. *Journal of Environmental Science and Health Part A: Environmental Science and Engineering*, **1993**, 28, 2081-2094		9
153	Preliminary Results of a Study On the Impact of Toxic and Nontoxic Cyanobacteria On Some Freshwater Microcrustacean Species. *Crustaceana*, **1990**, 59, 316-318	0.4	9
152	Adaptation of the Mitochondrial Genome in Cephalopods: Enhancing Proton Translocation Channels and the Subunit Interactions. *PLoS ONE*, **2015**, 10, e0135405	3.7	9
151	Structure-Antifouling Activity Relationship and Molecular Targets of Bio-Inspired(thio)xanthones. *Biomolecules*, **2020**, 10,	5.9	9
150	First Detection of Microcystin-LR in the Amazon River at the Drinking Water Treatment Plant of the Municipality of Macap□Brazil. *Toxins*, **2019**, 11,	4.9	9
149	Cyanobacteria and microalgae bioactive compounds in skin-ageing: potential to restore extracellular matrix filling and overcome hyperpigmentation. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 1829-1838	5.6	9
148	Assessment of synergistic interactions between environmental factors on Microcystis aeruginosa growth and microcystin production. *Algal Research*, **2017**, 27, 235-243	5	8
147	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese Maritime Territory, and Morocco Coast). *Toxins*, **2019**, 11,	4.9	8
146	Potential control of toxic cyanobacteria blooms with Moroccan seaweed extracts. *Environmental Science and Pollution Research*, **2019**, 26, 15218-15228	5.1	8
145	Light quality triggers biochemical modulation of Cyanobium sp.□photobiology as tool for biotechnological optimization. *Journal of Applied Phycology*, **2020**, 32, 2851-2861	3.2	8
144	Detection of a Planktothrix agardhii Bloom in Portuguese Marine Coastal Waters. *Toxins*, **2017**, 9,	4.9	8
143	Proteomic and Real-Time PCR analyses of Saccharomyces cerevisiae VL3 exposed to microcystin-LR reveals a set of protein alterations transversal to several eukaryotic models. *Toxicon*, **2016**, 112, 22-8	2.8	8
142	African origin and europe-mediated global dispersal of the cyanobacterium Microcystis aeruginosa. *Current Microbiology*, **2014**, 69, 628-33	2.4	8
141	Conopeptides from Cape Verde Conus crotchii. *Marine Drugs*, **2013**, 11, 2203-15	6	8
140	Forecasting of cyanobacterial density in Torr□ reservoir using artificial neural networks. *Journal of Environmental Monitoring*, **2011**, 13, 1761-7		8
139	Development and Validation of an SPE-HPLC-FL Method for the Determination of Anatoxin-a in Water and Trout (Oncorhincus mykiss). *Analytical Letters*, **2011**, 44, 1431-1441	2.2	8
138	Seasonal fluctuation in the zooplankton community of Azibo reservoir (Portugal). *Hydrobiologia*, **1990**, 196, 183-191	2.4	8

137	Primary screening of the bioactivity of brackishwater cyanobacteria: toxicity of crude extracts to Artemia salina larvae and Paracentrotus lividus embryos. *Marine Drugs*, **2010**, 8, 471-82	6	8
136	Binding and Pharmacokinetics of the Sodium Channel Blocking Toxins (Saxitoxin and the Tetrodotoxins). *Mini-Reviews in Medicinal Chemistry*, **2017**, 17, 320-327	3.2	8
135	Experimental Assessment of the Performance of Two Marine Coatings to Curb Biofilm Formation of Microfoulers. *Coatings*, **2020**, 10, 893	2.9	8
134	The Quantitative Proteome of the Cement and Adhesive Gland of the Pedunculate Barnacle,. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
133	Antiproliferative Effects of the Natural Oxadiazine Nocuolin A Are Associated With Impairment of Mitochondrial Oxidative Phosphorylation. *Frontiers in Oncology*, **2019**, 9, 224	5.3	7
132	Effects of the naturally-occurring contaminant microcystins on the Azolla filiculoides-Anabaena azollae symbiosis. *Ecotoxicology and Environmental Safety*, **2015**, 118, 11-20	7	7
131	Chlorosphaerolactylates A-D: Natural Lactylates of Chlorinated Fatty Acids Isolated from the Cyanobacterium sp. LEGE 00249. *Journal of Natural Products*, **2020**, 83, 1885-1890	4.9	7
130	Evaluation of the sensitivity spectrum of a video tracking system with zebrafish (Danio rerio) exposed to five different toxicants. *Environmental Science and Pollution Research*, **2017**, 24, 16086-16096	5.1	7
129	Validation of a Method for Cylindrospermopsin Determination in Vegetables: Application to Real Samples Such as Lettuce (Lactuca sativa L.). *Toxins*, **2018**, 10,	4.9	7
128	Bioactivity Assessment of Indian Origin-Mangrove Actinobacteria against Candida albicans. *Marine Drugs*, **2018**, 16,	6	7
127	Histopathological and immunohistochemical analysis of Tilapia (Oreochromis niloticus) exposed to cylindrospermopsin and the effectiveness of N-Acetylcysteine to prevent its toxic effects. *Toxicon*, **2014**, 78, 18-34	2.8	7
126	New Invertebrate Vectors of Okadaic Acid from the North Atlantic Waters--Portugal (Azores and Madeira) and Morocco. *Toxins*, **2015**, 7, 5337-47	4.9	7
125	Transcriptional responses of glutathione transferase genes in Ruditapes philippinarum exposed to microcystin-LR. *International Journal of Molecular Sciences*, **2015**, 16, 8397-414	6.3	7
124	Detection of cylindrospermopsin toxin markers in cyanobacterial algal blooms using analytical pyrolysis (Py-GC/MS) and thermally-assisted hydrolysis and methylation (TCh-GC/MS). *Chemosphere*, **2014**, 108, 175-82	8.4	7
123	Bioactivity of benthic and picoplanktonic estuarine cyanobacteria on growth of photoautotrophs: inhibition versus stimulation. *Marine Drugs*, **2011**, 9, 790-802	6	7
122	Studies on growth in the early adult of the freshwater mussel, Anodonta cygnea. *Invertebrate Reproduction and Development*, **2004**, 45, 117-125	0.7	7
121	Cyanobacterial diversity in the marine sponge Hymeniacidon perlevis from a temperate region (Portuguese coast, Northeast Atlantic). *Aquatic Microbial Ecology*, **2017**, 79, 259-272	1.1	7
120	Portoamides A and B are mitochondrial toxins and induce cytotoxicity on the proliferative cell layer of in vitro microtumours. *Toxicon*, **2020**, 175, 49-56	2.8	7

119	Factorial optimization of upstream process for Cyanobium sp. pigments production. *Journal of Applied Phycology*, **2020**, 32, 3861-3872	3.2	7
118	Morphological and molecular characterization of cyanobacterial isolates from the mouth of the Amazon River. *Phytotaxa*, **2019**, 387, 269	0.7	7
117	Occurrence of mcr-1 in Escherichia coli from rabbits of intensive farming. *Veterinary Microbiology*, **2018**, 227, 78-81	3.3	7
116	The Marine Seagrass as a Source of Bioactive Metabolites against Obesity and Biofouling. *Marine Drugs*, **2020**, 18,	6	6
115	Resilience assessment of a biological early warning system based on the locomotor behavior of zebrafish (Danio rerio). *Environmental Science and Pollution Research*, **2016**, 23, 18858-68	5.1	6
114	Differential Toxicity of Cyanobacteria Isolated from Marine Sponges towards Echinoderms and Crustaceans. *Toxins*, **2018**, 10,	4.9	6
113	Stress test of a biological early warning system with zebrafish (Danio rerio). *Ecotoxicology*, **2017**, 26, 13-21	2.9	6
112	Immunohistochemical approach to study cylindrospermopsin distribution in tilapia (Oreochromis niloticus) under different exposure conditions. *Toxins*, **2014**, 6, 283-303	4.9	6
111	Exploring the adenylation domain repertoire of nonribosomal peptide synthetases using an ensemble of sequence-search methods. *PLoS ONE*, **2013**, 8, e65926	3.7	6
110	An alignment-free approach for eukaryotic ITS2 annotation and phylogenetic inference. *PLoS ONE*, **2011**, 6, e26638	3.7	6
109	Morphological, toxicological and molecular characterization of a benthic Nodularia isolated from Atlantic estuarine environments. *Research in Microbiology*, **2010**, 161, 9-17	4	6
108	Effects of nitrate reduction on the eutrophication of an urban man-made lake (Palácio de Cristal, Porto, Portugal). *Environmental Technology (United Kingdom)*, **2011**, 32, 1009-15	2.6	6
107	Characterization of planktonic and biofilm cells from two filamentous cyanobacteria using a shotgun proteomic approach. *Biofouling*, **2020**, 36, 631-645	3.3	6
106	Cyanobacteria Phylogenetic Studies Reveal Evidence for Polyphyletic Genera from Thermal and Freshwater Habitats. *Diversity*, **2020**, 12, 298	2.5	6
105	OMICs Approaches in Diarrhetic Shellfish Toxins Research. *Toxins*, **2020**, 12,	4.9	6
104	Discovery of Cyanobacterial Natural Products Containing Fatty Acid Residues*. *Angewandte Chemie - International Edition*, **2021**, 60, 10064-10072	16.4	6
103	Determination of Gonyautoxin-4 in Echinoderms and Gastropod Matrices by Conversion to Neosaxitoxin Using 2-Mercaptoethanol and Post-Column Oxidation Liquid Chromatography with Fluorescence Detection. *Toxins*, **2015**, 8,	4.9	6
102	Physiological Effects on Coexisting Microalgae of the Allelochemicals Produced by the Bloom-Forming Cyanobacteria sp. and. *Toxins*, **2019**, 11,	4.9	6

101	The Incidence of Tetrodotoxin and Its Analogs in the Indian Ocean and the Red Sea. *Marine Drugs*, **2019**, 17,	6	5
100	The Nagoya Protocol and Its Implications on the EU Atlantic Area Countries. *Journal of Marine Science and Engineering*, **2020**, 8, 92	2.4	5
99	Flux model to estimate the transport of mercury species in a contaminated lagoon (Ria de Aveiro, Portugal). *Environmental Science and Pollution Research*, **2018**, 25, 17371-17382	5.1	5
98	Characterization of the First Conotoxin from , a Vermivorous Cone Snail from the Cabo Verde Archipelago. *Marine Drugs*, **2019**, 17,	6	5
97	Modulation of hepatic glutathione transferases isoenzymes in three bivalve species exposed to purified microcystin-LR and Microcystis extracts. *Toxicon*, **2017**, 137, 150-157	2.8	5
96	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. *Toxins*, **2017**, 9,	4.9	5
95	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, 2514-33	4.9	5
94	Viscera-associated bacterial diversity among intertidal gastropods from Northern-Atlantic coast of Portugal. *Current Microbiology*, **2014**, 68, 140-8	2.4	5
93	Microalgae and Cyanobacteria Strains as Producers of Lipids with Antibacterial and Antibiofilm Activity.. *Marine Drugs*, **2021**, 19,	6	5
92	Shotgun Proteomics of Ascidians Tunic Gives New Insights on Host-Microbe Interactions by Revealing Diverse Antimicrobial Peptides. *Marine Drugs*, **2020**, 18,	6	5
91	Seaweed Essential Oils as a New Source of Bioactive Compounds for Cyanobacteria Growth Control: Innovative Ecological Biocontrol Approach. *Toxins*, **2020**, 12,	4.9	5
90	Distribution of Toxic Cyanobacteria in Volcanic Lakes of the Azores Islands. *Water (Switzerland)*, **2020**, 12, 3385	3	5
89	Harmful Cyanobacterial Blooms (HCBs): innovative green bioremediation process based on anti-cyanobacteria bioactive natural products. *Archives of Microbiology*, **2021**, 203, 31-44	3	5
88	Proteogenomic Characterization of the Cement and Adhesive Gland of the Pelagic Gooseneck Barnacle. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
87	The spatial and seasonal variation of trace metals in coastal seawater and soft tissue of Chthamalus montagui around the northwest coast of Portugal. *Ocean Science Journal*, **2017**, 52, 207-219	1.1	4
86	Development of a novel user-friendly platform to couple light regime characterization with particle tracking - cells' light history determination during phototrophic cultivations. *Algal Research*, **2017**, 24, 276-283	5	4
85	Putative Antimicrobial Peptides of the Posterior Salivary Glands from the Cephalopod Revealed by Exploring a Composite Protein Database. *Antibiotics*, **2020**, 9,	4.9	4
84	Genetic characterization of Microcystis aeruginosa isolates from Portuguese freshwater systems. *World Journal of Microbiology and Biotechnology*, **2016**, 32, 118	4.4	4

83	Effects of depuration on histopathological changes in tilapia (Oreochromis niloticus) after exposure to cylindrospermopsin. *Environmental Toxicology*, **2017**, 32, 1318-1332	4.2	4
82	Microcystin-LR Detected in a Low Molecular Weight Fraction from a Crude Extract of Zoanthus sociatus. *Toxins*, **2017**, 9,	4.9	4
81	Bioactivity of Azolla aqueous and organic extracts against bacteria and fungi. *Symbiosis*, **2015**, 65, 17-21	3	4
80	EASER: Ensembl Easy Sequence Retriever. *Evolutionary Bioinformatics*, **2013**, 9, 487-90	1.9	4
79	Non-linear models based on simple topological indices to identify RNase III protein members. *Journal of Theoretical Biology*, **2011**, 273, 167-78	2.3	4
78	Decomposition of Microcystis aeruginosa and Microcystin-LR by TiO2 Oxidation Using Artificial UV Light or Natural Sunlight. *Journal of Advanced Oxidation Technologies*, **2012**, 15,		4
77	Virtual experimentation on cyanobacterial bloom dynamics and its application to a temperate reservoir (Torr, Portugal). *Lakes and Reservoirs: Research and Management*, **2008**, 13, 135-143	1.2	4
76	Flavonoid Glycosides with a Triazole Moiety for Marine Antifouling Applications: Synthesis and Biological Activity Evaluation. *Marine Drugs*, **2020**, 19,	6	4
75	A Critical Review of Cyanobacteria Distribution and Cyanotoxins Occurrence in Atlantic Ocean Islands. *Cryptogamie, Algologie*, **2020**, 41, 73	0.7	4
74	One Step Forward towards the Development of Eco-Friendly Antifouling Coatings: Immobilization of a Sulfated Marine-Inspired Compound. *Marine Drugs*, **2020**, 18,	6	4
73	Light regulating metabolic responses of Cyanobium sp. (Cyanobacteria). *Fundamental and Applied Limnology*, **2020**, 193, 285-297	1.9	4
72	Unveiling the Antifouling Performance of Different Marine Surfaces and Their Effect on the Development and Structure of Cyanobacterial Biofilms. *Microorganisms*, **2021**, 9,	4.9	4
71	The Harderian gland transcriptomes of Caraiba andreae, Cubophis cantherigerus and Tretanorhinus variabilis, three colubroid snakes from Cuba. *Genomics*, **2019**, 111, 1720-1727	4.3	4
70	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. *Toxins*, **2021**, 13,	4.9	4
69	GST transcriptional changes induced by a toxic Microcystis aeruginosa strain in two bivalve species during exposure and recovery phases. *Ecotoxicology*, **2018**, 27, 1272-1280	2.9	4
68	Comparison and optimization of different methods for Microcystis aeruginosa's harvesting and the role of zeta potential on its efficiency. *Environmental Science and Pollution Research*, **2019**, 26, 16708-16715	5.1	3
67	Cytotoxicity Induced by Extracts of Pisolithus tinctorius Spores on Human Cancer and Normal Cell Lines-Evaluation of the Anticancer Potential. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 840-7	3.2	3
66	Biodiversity of cyanobacteria in Tunisian freshwater reservoirs: occurrence and potent toxicity a review **2015**, 64, 755-772		3

65	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria and. *Toxins*, **2020**, 12,	4.9	3
64	Biosynthesis-Assisted Structural Elucidation of the Bartolosides, Chlorinated Aromatic Glycolipids from Cyanobacteria. *Angewandte Chemie*, **2015**, 127, 11215-11219	3.6	3
63	Seasonal fluctuation of planktonic rotifers in Azibo reservoir (Portugal). *Hydrobiologia*, **1994**, 294, 177-184	2.4	3
62	Uncovering the Bioactive Potential of a Cyanobacterial Natural Products Library Aided by Untargeted Metabolomics. *Marine Drugs*, **2021**, 19,	6	3
61	Molecular Responses of Mussel Mytilus galloprovincialis Associated to Accumulation and Depuration of Marine Biotoxins Okadaic Acid and Dinophysistoxin-1 Revealed by Shotgun Proteomics. *Frontiers in Marine Science*, **2020**, 7,	4.5	3
60	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. *Marine Pollution Bulletin*, **2020**, 161, 111725	6.7	3
59	The association between initial adhesion and cyanobacterial biofilm development. *FEMS Microbiology Ecology*, **2021**, 97,	4.3	3
58	First Report on Cyanotoxin (MC-LR) Removal from Surface Water by Multi-Soil-Layering (MSL) Eco-Technology: Preliminary Results. *Water (Switzerland)*, **2021**, 13, 1403	3	3
57	Continuous pressurized extraction versus electric fields-assisted extraction of cyanobacterial pigments. *Journal of Biotechnology*, **2021**, 334, 35-42	3.7	3
56	New insight into antimicrobial activities of Linaria ventricosa essential oil and its synergetic effect with conventional antibiotics. *Archives of Microbiology*, **2021**, 203, 4361-4366	3	3
55	Bacterial community characterization and biogeochemistry of sediments from a tropical upwelling system (Cabo Frio, Southeastern Brazil). *Continental Shelf Research*, **2016**, 130, 1-13	2.4	3
54	Simple statistical models for relating river discharge with precipitation and air temperature Case study of River Vouga (Portugal). *Frontiers of Earth Science*, **2017**, 11, 203-213	1.7	2
53	Optimization of Polyhydroxybutyrate Production by Amazonian Microalga sp. B23. *Biomolecules*, **2020**, 10,	5.9	2
52	Absence of Cyanotoxins in Llayta, Edible Nostocaceae Colonies from the Andes Highlands. *Toxins*, **2020**, 12,	4.9	2
51	Mode of Action and Toxicity of Major Cyanobacterial Toxins and Corresponding Chemical Variants. *Toxinology*, **2018**, 441-464	0	2
50	Evaluation of methanol preservation for molecular and morphological studies in cyanobacteria using Planktothrix agardhii. *Journal of Applied Phycology*, **2016**, 28, 1713-1723	3.2	2
49	The Queen Conch (Lobatus gigas) Proteome: A Valuable Tool for Biological Studies in Marine Gastropods. *Protein Journal*, **2019**, 38, 628-639	3.9	2
48	IMPACT: integrated multiprogram platform for analyses in ConTest. *Journal of Heredity*, **2011**, 102, 366-9	2.4	2

47	Toxicity of Cyanobacteria in lakes of North and Central Portugal. Ecological implications. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **1993**, 25, 694-697		2
46	Cyanobacterial Blooms: Current Knowledge and New Perspectives. *Earth*, **2022**, 3, 127-135	1	2
45	Novel and Conventional Isolation Techniques to Obtain Planctomycetes from Marine Environments. *Microorganisms*, **2021**, 9,	4.9	2
44	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. *Limnology and Oceanography*, **2021**, 66, 4314	4.8	2
43	Modeling phaeopigment concentrations in water from a shallow mesotrophic lagoon. *Water Environment Research*, **2020**, 92, 612-621	2.8	2
42	The Extremophile Endolithella mcmurdoensis gen. et sp. nov. (Trebouxiophyceae, Chlorellaceae), A New Chlorella-like Endolithic Alga From Antarctica. *Journal of Phycology*, **2020**, 56, 208-216	3	2
41	The genetic diversity of two invasive sympatric bivalves (Corbicula fluminea and Dreissena polymorpha) from Lakes Garda and Maggiore, Northern Italy. *Journal of Great Lakes Research*, **2020**, 46, 225-229	3	2
40	Comparative Genomics Discloses the Uniqueness and the Biosynthetic Potential of the Marine Cyanobacterium. *Frontiers in Microbiology*, **2020**, 11, 1527	5.7	2
39	Cyanotoxin Screening in BACA Culture Collection: Identification of New Cylindrospermopsin Producing Cyanobacteria. *Toxins*, **2021**, 13,	4.9	2
38	Bridging Cyanobacteria to Neurodegenerative Diseases: A New Potential Source of Bioactive Compounds against Alzheimer's Disease. *Marine Drugs*, **2021**, 19,	6	2
37	Moroccan actinobacteria with promising activity against toxic cyanobacteria Microcystis aeruginosa. *Environmental Science and Pollution Research*, **2021**, 28, 235-245	5.1	2
36	Developing New Marine Antifouling Surfaces: Learning from Single-Strain Laboratory Tests. *Coatings*, **2021**, 11, 90	2.9	2
35	Polymerase chain reaction as a promising tool for DNA-based diet studies of crustaceans. *Regional Studies in Marine Science*, **2020**, 37, 101340	1.5	1
34	Cyanobacterial toxins as a high value-added product **2017**, 401-428		1
33	Distribution ranges of the acorn barnacle Perforatus (=Balanus) perforatus (Bruguiﾨe, 1789) in the NE Atlantic are influenced by reproductive parameters. *Hydrobiologia*, **2018**, 806, 227-235	2.4	1
32	Evaluation of disruption/permeabilization methodologies for Microcystis aeruginosa as alternatives to obtain high yields of microcystin release. *Algal Research*, **2019**, 42, 101611	5	1
31	Conventional PCR **2017**, 163-203		1
30	Barnacle species as biomonitors of metal contamination in the northwest coast of Portugal: Ecological quality classification approach. *Human and Ecological Risk Assessment (HERA)*, **2017**, 23, 1219-1233	4.9	1

29	Microbial interaction between a CTXM-15 -producing Escherichia coli and a susceptible Pseudomonas aeruginosa isolated from bronchoalveolar lavage: influence of cefotaxime in the dual-species biofilm formation. *Environmental Microbiology Reports*, **2015**, 7, 420-6	3.7	1
28	Fate and effects of nonylphenol in the presence of the cyanobacterium Microcystis aeruginosa. *Chemistry and Ecology*, **2010**, 26, 395-399	2.3	1
27	Multidimensional characterization of a new antifouling xanthone: Structure-activity relationship, environmental compatibility, and immobilization in marine coatings. *Ecotoxicology and Environmental Safety*, **2021**, 228, 112970	7	1
26	Natural Benzo/Acetophenones as Leads for New Synthetic Acetophenone Hybrids Containing a 1,2,3-Triazole Ring as Potential Antifouling Agents.. *Marine Drugs*, **2021**, 19,	6	1
25	From Natural Xanthones to Synthetic C-1 Aminated 3,4-Dioxygenated Xanthones as Optimized Antifouling Agents. *Marine Drugs*, **2021**, 19,	6	1
24	Growth inhibition and microcystin accumulation in bush bean (Phaseolus vulgaris L.) plant irrigated with water containing toxic Chrooccocus minutus. *Agricultural Water Management*, **2022**, 261, 107381	5.9	1
23	Genomics perspectives on cyanobacteria research **2020**, 147-159		1
22	Cyanobacterial toxins225-238		1
21	New Insights in Response to the Cyanotoxin Microcystin-LR, Revealed by Proteomics and Gene Expression. *Toxins*, **2020**, 12,	4.9	1
20	Norhierridin B, a New Hierridin B-Based Hydroquinone with Improved Antiproliferative Activity. *Molecules*, **2020**, 25,	4.8	1
19	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. *Environmental Science and Pollution Research*, **2021**, 28, 31731-31745	5.1	1
18	The chemical characterization and its relationship with heavy metals contamination in surface sediment of Marchica Mediterranean Lagoon (North of Morocco). *Environmental Science and Pollution Research*, **2021**, 1	5.1	1
17	Cyanobacteria in cosmetics: a natural alternative for anti-aging ingredients **2022**, 257-286		0
16	Anti-inflammatory compounds from cyanobacteria **2022**, 81-105		0
15	Data Employed in the Construction of a Composite Protein Database for Proteogenomic Analyses of Cephalopods Salivary Apparatus. *Data*, **2020**, 5, 110	2.3	0
14	Review on Cyanobacterial Studies in Portugal: Current Impacts and Research Needs. *Applied Sciences (Switzerland)*, **2021**, 11, 4355	2.6	0
13	Gallic acid derivatives as inhibitors of mussel (Mytilus galloprovincialis) larval settlement: Lead optimization, biological evaluation and use in antifouling coatings. *Bioorganic Chemistry*, **2022**, 126, 105911	5.1	0
12	Genetic records of intertidal sea anemones from Portugal. *Regional Studies in Marine Science*, **2020**, 34, 101067	1.5	

11	111. State of the Art of Palytoxin and Analogs Analytical Methods for Seafood Monitoring. *Toxicon*, **2012**, 60, 151	2.8
10	Application of Molecular Tools in Monitoring Cyanobacteria and Their Potential Toxin Production **2017**, 301-333	
9	Toxic Cyanobacteria in large Iberian rivers: risk for human health. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **1998**, 26, 1287-1288	
8	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia).. *Environmental Science and Pollution Research*, **2022**, 29, 27624	5.1
7	Specialized metabolites from cyanobacteria and their biological activities **2022**, 21-54	
6	Mode of Action and Toxicity of Major Cyanobacterial Toxins and Corresponding Chemical Variants **2016**, 1-24	
5	Marine Cyanobacterial Toxins **2014**, 1073-1090	
4	Discovery of Cyanobacterial Natural Products Containing Fatty Acid Residues**. *Angewandte Chemie*, **2021**, 133, 10152-10160	3.6
3	First occurrence of Cylindrospermopsin in the Azores (Lake S□ Br□, S. Miguel Island). *Limnology*, **2021**, 22, 269-275	1.7
2	Pollicipes pollicipes as a Biomonitor of PAHs Contamination in Seawaters of the Northwest Coast of Portugal. *Polycyclic Aromatic Compounds*, **2019**, 39, 172-189	1.3
1	Multi-Soil-Layering Technology: A New Approach to Remove Microcystis aeruginosa and Microcystins from Water. *Water (Switzerland)*, **2022**, 14, 686	3