

# Ernani Pinto

## List of Publications by Citations

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131  
papers

4,287  
citations

32  
h-index

61  
g-index

143  
ext. papers

4,852  
ext. citations

3.7  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
131	HEAVY METAL INDUCED OXIDATIVE STRESS IN ALGAE1. <i>Journal of Phycology</i> , <b>2003</b> , 39, 1008-1018	3	749
130	Metabolites from algae with economical impact. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 146, 60-78	3.2	395
129	Biochemical biomarkers in algae and marine pollution: a review. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 71, 1-15	7	368
128	Lipid, fatty acid, protein, amino acid and ash contents in four Brazilian red algae species. <i>Food Chemistry</i> , <b>2010</b> , 120, 585-590	8.5	159
127	Antioxidant modulation in response to metal-induced oxidative stress in algal chloroplasts. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2001</b> , 40, 18-24	3.2	132
126	Induction of oxidative stress in the red macroalga <i>Gracilaria tenuistipitata</i> by pollutant metals. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2003</b> , 45, 337-42	3.2	91
125	Astaxanthin and peridinin inhibit oxidative damage in Fe(2+)-loaded liposomes: scavenging oxyradicals or changing membrane permeability?. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 288, 225-32	3.4	75
124	LC-DAD/ESI-MS/MS study of phenolic compounds in ash ( <i>Fraxinus excelsior</i> L. and <i>F. americana</i> L.) heartwood. Effect of toasting intensity at cooperage. <i>Journal of Mass Spectrometry</i> , <b>2012</b> , 47, 905-18	2.2	66
123	Efficient sonochemical synthesis of novel 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carboximidamides. <i>Ultrasonics Sonochemistry</i> , <b>2010</b> , 17, 34-7	8.9	66
122	Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , <b>2017</b> , 3, e1602847	14.3	56
121	Cylindrospermopsin and saxitoxin synthetase genes in <i>Cylindrospermopsis raciborskii</i> strains from Brazilian freshwater. <i>PLoS ONE</i> , <b>2013</b> , 8, e74238	3.7	56
120	Microcystins in South American aquatic ecosystems: Occurrence, toxicity and toxicological assays. <i>Toxicon</i> , <b>2010</b> , 56, 1247-56	2.8	55
119	Fragmentation of mycosporine-like amino acids by hydrogen/deuterium exchange and electrospray ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2006</b> , 20, 253-8	2.2	54
118	A theoretical and mass spectrometry study of the fragmentation of mycosporine-like amino acids. <i>International Journal of Mass Spectrometry</i> , <b>2008</b> , 273, 11-19	1.9	48
117	Biochemical composition of two red seaweed species grown on the Brazilian coast. <i>Journal of the Science of Food and Agriculture</i> , <b>2011</b> , 91, 1687-92	4.3	45
116	Peridinin as the major biological carotenoid quencher of singlet oxygen in marine algae <i>Gonyaulax polyedra</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 268, 496-500	3.4	45
115	Effects of heavy metals and light levels on the biosynthesis of carotenoids and fatty acids in the macroalgae <i>Gracilaria tenuistipitata</i> (var. <i>liui</i> Zhang & Xia). <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 349-354	2	43

114	Methods for detection of anatoxin-a(s) by liquid chromatography coupled to electrospray ionization-tandem mass spectrometry. <i>Toxicon</i> , <b>2010</b> , 55, 92-9	2.8	43
113	On-Fiber Derivatization of SPME Extracts of Phenol, Hydroquinone and Catechol with GC-MS Detection. <i>Chromatographia</i> , <b>2006</b> , 63, 175-179	2.1	43
112	Changes in superoxide dismutase activity and photosynthetic pigment content during growth of marine phytoplankters in batch-cultures. <i>Physiologia Plantarum</i> , <b>2002</b> , 114, 566-571	4.6	43
111	Density-dependent patterns of thiamine and pigment production in the diatom <i>Nitzschia microcephala</i> . <i>Phytochemistry</i> , <b>2003</b> , 63, 155-63	4	43
110	PCB-induced oxidative stress in the unicellular marine dinoflagellate <i>Lingulodinium polyedrum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2003</b> , 45, 59-65	3.2	42
109	Saxitoxins accumulation by freshwater tilapia ( <i>Oreochromis niloticus</i> ) for human consumption. <i>Toxicon</i> , <b>2009</b> , 54, 891-4	2.8	41
108	Detection of harmful cyanobacteria and their toxins by both PCR amplification and LC-MS during a bloom event. <i>Toxicon</i> , <b>2006</b> , 48, 239-45	2.8	40
107	Young "healthy" smokers have functional and inflammatory changes in the nasal and the lower airways. <i>Chest</i> , <b>2014</b> , 145, 998-1005	5.3	38
106	Effect of dielectric microwave heating on the color and antiradical capacity of betanin. <i>Journal of Food Engineering</i> , <b>2013</b> , 118, 49-55	6	38
105	Balance of xanthophylls molecular and protonated molecular ions in electrospray ionization. <i>Journal of Mass Spectrometry</i> , <b>2005</b> , 40, 963-8	2.2	37
104	CyanoMetDB, a comprehensive public database of secondary metabolites from cyanobacteria. <i>Water Research</i> , <b>2021</b> , 196, 117017	12.5	37
103	Effect of toasting intensity at cooperage on phenolic compounds in acacia ( <i>Robinia pseudoacacia</i> ) heartwood. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 3135-45	5.7	35
102	Rhythmicity and oxidative/nitrosative stress in algae. <i>Biological Rhythm Research</i> , <b>2005</b> , 36, 67-82	0.8	34
101	Potential antiproliferative activity of polyphenol metabolites against human breast cancer cells and their urine excretion pattern in healthy subjects following acute intake of a polyphenol-rich juice of grumixama ( <i>Eugenia brasiliensis</i> Lam.). <i>Food and Function</i> , <b>2017</b> , 8, 2266-2274	6.1	33
100	Use of electrospray tandem mass spectrometry for identification of microcystins during a cyanobacterial bloom event. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 344, 741-6	3.4	33
99	Analysis of chemokines and reactive oxygen species formation by rat and human neutrophils induced by microcystin-LA, -YR and -LR. <i>Toxicon</i> , <b>2008</b> , 51, 1274-80	2.8	32
98	A novel rhythm of microcystin biosynthesis is described in the cyanobacterium <i>Microcystis panniformis</i> Komárek et al. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 326, 687-94	3.4	32
97	Extraction of sterols in brown macroalgae from Antarctica and their identification by liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Applied Phycology</i> , <b>2017</b> , 29, 751-757	3.7	31

96	The efficiency of combined coagulant and ballast to remove harmful cyanobacterial blooms in a tropical shallow system. <i>Harmful Algae</i> , <b>2017</b> , 65, 27-39	5.3	29
95	Photophysics and hydrolytic stability of betalains in aqueous trifluoroethanol. <i>Monatshefte Für Chemie</i> , <b>2013</b> , 144, 567-571	1.4	29
94	Sesquiterpenes from the essential oil of <i>Laurencia dendroidea</i> (Ceramiiales, Rhodophyta): isolation, biological activities and distribution among seaweeds. <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 248-254	2	29
93	Effects of microcystins on human polymorphonuclear leukocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 341, 273-7	3.4	28
92	<sup>1</sup> H NMR determination of beta-N-methylamino-L-alanine (L-BMAA) in environmental and biological samples. <i>Toxicon</i> , <b>2009</b> , 53, 578-83	2.8	27
91	Diel activities of antioxidant enzymes, photosynthetic pigments and malondialdehyde content in stationary-phase cells of <i>Tetraselmis gracilis</i> (Prasinophyceae). <i>Aquatic Botany</i> , <b>2005</b> , 82, 239-249	1.8	27
90	Cyanobacteria and Cyanotoxin in the Billings Reservoir (Sao Paulo, SP, Brazil) <b>2009</b> , 28, 273-282		27
89	Daily Oscillation of Fatty Acids and Malondialdehyde in the Dinoflagellate <i>Lingulodinium polyedrum</i> . <i>Biological Rhythm Research</i> , <b>2002</b> , 33, 371-382	0.8	26
88	Simultaneous detection of thiamine and its phosphate esters from microalgae by HPLC. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 291, 344-8	3.4	26
87	Growth and microcystin production of a Brazilian <i>Microcystis aeruginosa</i> strain (LTPNA 02) under different nutrient conditions. <i>Revista Brasileira De Farmacognosia</i> , <b>2014</b> , 24, 389-398	2	25
86	Analyses of photoprotective compounds in red algae from the Brazilian coast. <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 202-208	2	25
85	Flavonoids from <i>Lychnophora passerina</i> (Asteraceae): potential antioxidants and UV-protectants. <i>Biochemical Systematics and Ecology</i> , <b>2004</b> , 32, 239-243	1.4	25
84	Structural Characterization of New Peptide Variants Produced by Cyanobacteria from the Brazilian Atlantic Coastal Forest Using Liquid Chromatography Coupled to Quadrupole Time-of-Flight Tandem Mass Spectrometry. <i>Marine Drugs</i> , <b>2015</b> , 13, 3892-919	6	24
83	Diversity of microcystin-producing genotypes in Brazilian strains of <i>Microcystis</i> (Cyanobacteria). <i>Brazilian Journal of Biology</i> , <b>2011</b> , 71, 209-16	1.5	24
82	Co-occurrence of microcystin and microginin congeners in Brazilian strains of <i>Microcystis</i> sp. <i>FEMS Microbiology Ecology</i> , <b>2012</b> , 82, 692-702	4.3	23
81	Mycosporine-Like Amino Acids (MAAs): Biology, Chemistry and Identification Features. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	23
80	Identification of antioxidant and antimicrobial compounds from the oilseed crop <i>Ricinus communis</i> using a multiplatform metabolite profiling approach. <i>Industrial Crops and Products</i> , <b>2018</b> , 124, 834-844	5.9	23
79	Useful Strategies for Algal Volatile Analysis. <i>Current Analytical Chemistry</i> , <b>2009</b> , 5, 271-292	1.7	22

78	qNMR: An applicable method for the determination of dimethyltryptamine in ayahuasca, a psychoactive plant preparation. <i>Phytochemistry Letters</i> , <b>2010</b> , 3, 79-83	1.9	22
77	Non-targeted metabolomic profile of <i>Fagus sylvatica</i> L. leaves using liquid chromatography with mass spectrometry and gas chromatography with mass spectrometry. <i>Phytochemical Analysis</i> , <b>2015</b> , 26, 171-82	3.4	21
76	Determination of anatoxin-a in environmental water samples by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 2085-90	3.4	21
75	Antioxidant and antimicrobial properties of 2-(4,5-dihydro-1H-pyrazol-1-yl)-pyrimidine and 1-carboxamidino-1H-pyrazole derivatives. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1477-1483	1.5	20
74	A-, B- and C-type prymnesins are clade specific compounds and chemotaxonomic markers in <i>Prymnesium parvum</i> . <i>Harmful Algae</i> , <b>2019</b> , 81, 10-17	5.3	19
73	Leaf metabolic response to water deficit in <i>Pinus pinaster</i> Ait. relies upon ontogeny and genotype. <i>Environmental and Experimental Botany</i> , <b>2017</b> , 140, 41-55	5.9	18
72	Can creatine supplementation form carcinogenic heterocyclic amines in humans?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 3959-71	3.9	17
71	Antioxidant activity and chemical composition of the non polar fraction of <i>Gracilaria domingensis</i> (Kützinger) Sonder ex Dickie and <i>Gracilaria birdiae</i> (Plastino & Oliveira). <i>Revista Brasileira De Farmacognosia</i> , <b>2012</b> , 22, 724-729	2	17
70	Microcystins -LA, -YR, and -LR action on neutrophil migration. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 382, 9-14	3.4	17
69	Mechanism for the elimination of aromatic molecules from polyenes in tandem mass spectrometry. <i>Chemical Communications</i> , <b>2006</b> , 4110-2	5.8	16
68	Identification of hispidin as a bioluminescent active compound and its recycling biosynthesis in the luminous fungal fruiting body. <i>Photochemical and Photobiological Sciences</i> , <b>2017</b> , 16, 1435-1440	4.2	15
67	Phytochemical study of <i>Solanum lycocarpum</i> (St. Hil) unripe fruit and its effects on rat gestation. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 1025-8	6.7	15
66	Differential ionisation of natural antioxidant polyenes in electrospray and nanospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 3842-8	2.2	15
65	Genetic Organization of Anabaenopeptin and Spumigin Biosynthetic Gene Clusters in the Cyanobacterium <i>Sphaerospermopsis torques-reginae</i> ITEP-024. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 769-778	4.9	14
64	Development and validation of a rapid LC-MS/MS method for the quantification of mycosporines and mycosporine-like amino acids (MAAs) from cyanobacteria. <i>Algal Research</i> , <b>2020</b> , 46, 101796	5	14
63	Dissociation of deprotonated microcystin variants by collision-induced dissociation following electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1981-92	2.2	14
62	A Fragmentation study of di-acidic mycosporine-like amino acids in electrospray and nanospray mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 1625-1631	1.5	14
61	Namalides B and C and Spumigins K-N from the Cultured Freshwater Cyanobacterium <i>Sphaerospermopsis torques-reginae</i> . <i>Journal of Natural Products</i> , <b>2017</b> , 80, 2492-2501	4.9	13

60	Antioxidant properties and UV absorbance pattern of mycosporine-like amino acids analogs synthesized in an environmentally friendly manner. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2013</b> , 27, 305-12	3.4	13
59	One-pot synthesis of N-Cbz-L-BMAA and derivatives from N-Cbz-L-serine. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 2325-2327	2	13
58	Biosynthesis of microcystin hepatotoxins in the cyanobacterial genus Fischerella. <i>Toxicon</i> , <b>2018</b> , 141, 43-50	2.8	13
57	Combined Effect of Light and Temperature on the Production of Saxitoxins in Strains. <i>Toxins</i> , <b>2019</b> , 11,	4.9	12
56	A metal-free blue chromophore derived from plant pigments. <i>Science Advances</i> , <b>2020</b> , 6, eaaz0421	14.3	12
55	Intriguing differences in the gas-phase dissociation behavior of protonated and deprotonated gonyautoxin epimers. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2011</b> , 22, 2011-20	3.5	12
54	Comparison of diode array and electrochemical detection in the C30 reverse phase HPLC analysis of algae carotenoids. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 1609-1616	1.5	12
53	Long-term in vivo polychlorinated biphenyl 126 exposure induces oxidative stress and alters proteomic profile on islets of Langerhans. <i>Scientific Reports</i> , <b>2016</b> , 6, 27882	4.9	12
52	Effects of a cyanobacterial extract containing-anatoxin-a(s) on the cardiac rhythm of <i>Leurolestes circunvagans</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2012</b> , 22, 775-781	2	11
51	Comparative analysis of the gas-phase reactions of cylindrospermopsin and the difference in the alkali metal cation mobility. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 2015-20	2.2	11
50	Comprehensive database of secondary metabolites from cyanobacteria		11
49	Identification and distribution of mycosporine-like amino acids in Brazilian cyanobacteria using ultrahigh-performance liquid chromatography with diode array detection coupled to quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34 Suppl 3, e8634	2.2	10
48	. <i>Phycologia</i> , <b>2007</b> , 46, 3-9	2.7	9
47	The Oscillation of Photosynthetic Capacity in <i>Lingulodinium polyedrum</i> is not related to differences in RuBisCo, Peridinin or Chlorophyll a Amounts. <i>Biological Rhythm Research</i> , <b>2002</b> , 33, 443-458	0.8	9
46	Neurotoxic effects of sublethal concentrations of cyanobacterial extract containing anatoxin-a(s) on <i>Nauphoeta cinerea</i> cockroaches. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 171, 138-145	7	9
45	First report of spumigin production by the toxic <i>Sphaerospermopsis torques-reginae</i> cyanobacterium. <i>Toxicon</i> , <b>2015</b> , 108, 15-8	2.8	8
44	Metals, arsenic, pesticides, and microcystins in tilapia ( <i>Oreochromis niloticus</i> ) from aquaculture parks in Brazil. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 20187-20200	5.1	8
43	Biosynthesis of N,N-dimethyltryptamine (DMT) in a melanoma cell line and its metabolization by peroxidases. <i>Biochemical Pharmacology</i> , <b>2014</b> , 88, 393-401	6	8

42	Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response. <i>Scientific Reports</i> , <b>2015</b> , 5, 14917	4.9	8
41	Sesquiterpene lactone from <i>Wunderlichia crulsiana</i> inhibits the respiratory burst of leukocytes triggered by distinct biochemical pathways. <i>Life Sciences</i> , <b>2003</b> , 73, 2161-9	6.8	8
40	Toxicity of Cyanopeptides from Two Strains on Larval Development of. <i>Toxins</i> , <b>2019</b> , 11,	4.9	7
39	Oral exposure to cylindrospermopsin in pregnant rats: reproduction and foetal toxicity studies. <i>Toxicon</i> , <b>2013</b> , 74, 127-9	2.8	7
38	Regiospecific Synthesis of 5-Trichloromethyl-1H-Pyrazole and 1HPyrazole-5-Carboxylic Ester Derivatives. <i>Letters in Organic Chemistry</i> , <b>2008</b> , 5, 91-97	0.6	7
37	Changes in antioxidant enzyme activities, malondialdehyde, and glutathione contents in the dinoflagellate <i>Lingulodinium polyedrum</i> (Dinophyceae) grown in batch-cultures. <i>Phycological Research</i> , <b>2005</b> , 53, 209-214	1.3	7
36	Identification, In Vitro Testing and Molecular Docking Studies of Microginins Mechanism of Angiotensin-Converting Enzyme Inhibition. <i>Molecules</i> , <b>2017</b> , 22,	4.8	6
35	Changes in antioxidant enzyme activities, malondialdehyde, and glutathione contents in the dinoflagellate <i>Lingulodinium polyedrum</i> (Dinophyceae) grown in batch-cultures. <i>Phycological Research</i> , <b>2005</b> , 53, 209-214	1.3	6
34	New insights into the mechanistic action of methyldehydrodieugenol B towards <i>Leishmania</i> (L.) infantum via a multiplatform based untargeted metabolomics approach. <i>Metabolomics</i> , <b>2017</b> , 13, 1	4.7	5
33	Characterizing the Bioluminescence of the Humboldt Squid, <i>Dosidicus gigas</i> (d'Arbigny, 1835): One of the Largest Luminescent Animals in the World. <i>Photochemistry and Photobiology</i> , <b>2019</b> , 95, 1179-1185	3.6	5
32	Genomic and Metabolomic Analyses of Natural Products in Isolated from a Shrimp Culture Pond. <i>Toxins</i> , <b>2020</b> , 12,	4.9	5
31	Carotenogênese em células de <i>Haematococcus pluvialis</i> induzidas pelos estresses luminoso e nutricional. <i>Pesquisa Agropecuária Brasileira</i> , <b>2013</b> , 48, 825-832	1.8	5
30	Cultivation of algae in photobioreator and obtention of biodiesel. <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 361-364	2	5
29	<i>Piper anisum</i> as a promising new source of bioactive metabolites. <i>Chemical Papers</i> , <b>2020</b> , 74, 1505-1515	1.9	5
28	Human urine metabolomic signature after ingestion of polyphenol-rich juice of purple grumixama ( <i>Eugenia brasiliensis</i> Lam.). <i>Food Research International</i> , <b>2019</b> , 120, 544-552	7	5
27	Aspectos toxicológicos e químicos da Anatoxina-a e seus análogos. <i>Química Nova</i> , <b>2006</b> , 29, 1365-1371	1.6	4
26	Off-Flavors in Aquacultured Fish: Origins and Implications for Consumers. <i>Fishes</i> , <b>2022</b> , 7, 34	2.5	4
25	Characterization of volatile composition of <i>Laurencia dendroidea</i> by gas chromatography-mass spectrometry. <i>Revista Brasileira De Farmacognosia</i> , <b>2012</b> , 22, 805-813	2	4

24	Genetic and biochemical evidence for redundant pathways leading to mycosporine-like amino acid biosynthesis in the cyanobacterium <i>Sphaerospermopsis torques-reginae</i> ITEP-024. <i>Algae</i> , <b>2020</b> , 35, 177-187	2.4	4
23	Availability of Guanitoxin in Water Samples Containing Cells Submitted to Dissolution Tests. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	4
22	Chemical Characterization of <i>Microcystis aeruginosa</i> for Feed and Energy Uses. <i>Energies</i> , <b>2021</b> , 14, 3013	3.1	4
21	Inhibition of Porcine Aminopeptidase M (pAMP) by the Pentapeptide Microginins. <i>Molecules</i> , <b>2019</b> , 24,	4.8	4
20	Occurrence of caffeine, fluoxetine, bezafibrate and levothyroxine in surface freshwater of Sã Paulo State (Brazil) and risk assessment for aquatic life protection. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 20751-20761	5.1	4
19	Synthesis of Cyclic Guanidine Intermediates of Anatoxin-a(s) in Both Racemic and Enantiomerically Pure Forms. <i>Synlett</i> , <b>2010</b> , 2010, 967-969	2.2	3
18	In vitro toxicity of isolated strains and cyanobacterial bloom biomasses over <i>Paramecium caudatum</i> (ciliophora): Lessons from a non-metazoan model organism. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 202, 110937	7	3
17	Alternative Isolation Protocol for Desulfo and Zwitterionic <i>Cylindrospermopsin</i> Alkaloids and Comparison of Their Toxicity in HepG2 Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
16	Potential premalignant status of gastric portion excluded after Roux en-Y gastric bypass in obese women: A pilot study. <i>Scientific Reports</i> , <b>2019</b> , 9, 5582	4.9	2
15	Employment of thermal analysis applied to the oxidative stability evaluation of biodiesel using chalcone analogues. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 1	4.1	2
14	A bioinspired nitrene precursor to a stabilized nitroxide radical. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 168, 110-116	7.8	2
13	Can the insecticide Imidacloprid affect the health of the Neotropical freshwater fish <i>Astyanax altiparanae</i> (Teleostei: Characidae)?. <i>Environmental Toxicology and Pharmacology</i> , <b>2021</b> , 85, 103634	5.8	2
12	Microwave-Assisted Extraction of Fatty Acids from Cultured and Commercial Phytoplankton Species. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2407	2.6	2
11	Fundamentals and applications of analytical chemistry in natural products. <i>International Journal of Analytical Chemistry</i> , <b>2012</b> , 2012, 156201	1.4	1
10	Flow and Sink Technique Removes Cyanobacteria and Microcystins from Tropical Reservoir Water. <i>Toxins</i> , <b>2021</b> , 13,	4.9	1
9	Effect of ultraviolet radiation on the metabolomic profiles of potentially toxic cyanobacteria. <i>FEMS Microbiology Ecology</i> , <b>2021</b> , 97,	4.3	1
8	Responses of Aquatic Nontarget Organisms in Experiments Simulating a Scenario of Contamination by Imidacloprid in a Freshwater Environment. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2021</b> , 80, 437-449	3.2	1
7	Permanent occurrence of <i>Raphidiopsis raciborskii</i> and cyanotoxins in a subtropical reservoir polluted by domestic effluents (Ituparanga reservoir, Sã Paulo, Brazil). <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	0



6	Removal efficiency of dissolved organic matter from secondary effluent by coagulation-flocculation processes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2021</b> , 56, 161-170	2.3	o
5	Effects of different cultivation conditions on the production of Cyclocitral and Bonone in <i>Microcystis aeruginosa</i> .. <i>BMC Microbiology</i> , <b>2022</b> , 22, 78	4.5	o
4	Reannotation of Fly Amanita l-DOPA Dioxygenase Gene Enables Its Cloning and Heterologous Expression.. <i>ACS Omega</i> , <b>2022</b> , 7, 16070-16079	3.9	o
3	The application of "double isolation" in Fourier transform ion cyclotron resonance sustained off-resonance irradiation collisionally-induced dissociation tandem mass spectrometry to remove labile isobaric impurities. <i>European Journal of Mass Spectrometry</i> , <b>2011</b> , 17, 481-4	1.1	
2	Forced degradation study and characterization of main impurities of ibuprofen soft gelatin capsules by LC-MS-QTOF. <i>Die Pharmazie</i> , <b>2021</b> , 76, 138-144	1.5	
1	Response of <i>Oreochromis niloticus</i> (Teleostei: Cichlidae) exposed to a guanitoxin-producing cyanobacterial strain using multiple biomarkers.. <i>Science of the Total Environment</i> , <b>2022</b> , 155471	10.2	