

Ernani Pinto

List of Publications by Year in Descending Order

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

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	Off-Flavors in Aquacultured Fish: Origins and Implications for Consumers. <i>Fishes</i> , 2022 , 7, 34	2.5	4
130	Microwave-Assisted Extraction of Fatty Acids from Cultured and Commercial Phytoplankton Species. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2407	2.6	2
129	Effects of different cultivation conditions on the production of Cyclocitral and Nonone in <i>Microcystis aeruginosa</i> .. <i>BMC Microbiology</i> , 2022 , 22, 78	4.5	0
128	Reannotation of Fly Amanita l-DOPA Dioxygenase Gene Enables Its Cloning and Heterologous Expression.. <i>ACS Omega</i> , 2022 , 7, 16070-16079	3.9	0
127	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> , 2022 , 155471	10.2	
126	Permanent occurrence of <i>Raphidiopsis raciborskii</i> and cyanotoxins in a subtropical reservoir polluted by domestic effluents (Itupararanga reservoir, So Paulo, Brazil). <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
125	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> , 2021 , 56, 161-170	2.3	0
124	CyanoMetDB, a comprehensive public database of secondary metabolites from cyanobacteria. <i>Water Research</i> , 2021 , 196, 117017	12.5	37
123	Chemical Characterization of <i>Microcystis aeruginosa</i> for Feed and Energy Uses. <i>Energies</i> , 2021 , 14, 3013	3.1	4
122	A bioinspired nitron precursor to a stabilized nitroxide radical. <i>Free Radical Biology and Medicine</i> , 2021 , 168, 110-116	7.8	2
121	loc and Sink Technique Removes Cyanobacteria and Microcystins from Tropical Reservoir Water. <i>Toxins</i> , 2021 , 13,	4.9	1
120	Can the insecticide Imidacloprid affect the health of the Neotropical freshwater fish <i>Astyanax altiparanae</i> (Teleostei: Characidae)?. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 85, 103634	5.8	2
119	Effect of ultraviolet radiation on the metabolomic profiles of potentially toxic cyanobacteria. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	1
118	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> , 2021 , 80, 437-449	3.2	1
117	Mycosporine-Like Amino Acids (MAAs): Biology, Chemistry and Identification Features. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	23
116	Occurrence of caffeine, fluoxetine, bezafibrate and levothyroxine in surface freshwater of So Paulo State (Brazil) and risk assessment for aquatic life protection. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 20751-20761	5.1	4
115	Forced degradation study and characterization of main impurities of ibuprofen soft gelatin capsules by LC-MS-QTOF. <i>Die Pharmazie</i> , 2021 , 76, 138-144	1.5	

114	Metals, arsenic, pesticides, and microcystins in tilapia (<i>Oreochromis niloticus</i>) from aquaculture parks in Brazil. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 20187-20200	5.1	8
113	A metal-free blue chromophore derived from plant pigments. <i>Science Advances</i> , 2020 , 6, eaaz0421	14.3	12
112	Genomic and Metabolomic Analyses of Natural Products Isolated from a Shrimp Culture Pond. <i>Toxins</i> , 2020 , 12,	4.9	5
111	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> , 2020 , 46, 101796	5	14
110	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> , 2020 , 35, 177-187	2.4	4
109	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> , 2020 , 34 Suppl 3, e8634	2.2	10
108	Piper anisum as a promising new source of bioactive metabolites. <i>Chemical Papers</i> , 2020 , 74, 1505-1515	1.9	5
107	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> , 2020 , 202, 110937	7	3
106	Availability of Guanitoxin in Water Samples Containing Cells Submitted to Dissolution Tests. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
105	Alternative Isolation Protocol for Desulfo and Zwitterionic Cyndrospermopsin Alkaloids and Comparison of Their Toxicity in HepG2 Cells. <i>Molecules</i> , 2020 , 25,	4.8	3
104	Employment of thermal analysis applied to the oxidative stability evaluation of biodiesel using chalcone analogues. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 1	4.1	2
103	Combined Effect of Light and Temperature on the Production of Saxitoxins in Strains. <i>Toxins</i> , 2019 , 11,	4.9	12
102	A-, B- and C-type prymnesins are clade specific compounds and chemotaxonomic markers in <i>Prymnesium parvum</i> . <i>Harmful Algae</i> , 2019 , 81, 10-17	5.3	19
101	Characterizing the Bioluminescence of the Humboldt Squid, <i>Dosidicus gigas</i> (d'Orbigny, 1835): One of the Largest Luminescent Animals in the World. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1179-1185 ^{3.6}	3.6	5
100	Toxicity of Cyanopeptides from Two Strains on Larval Development of. <i>Toxins</i> , 2019 , 11,	4.9	7
99	Potential premalignant status of gastric portion excluded after Roux en-Y gastric bypass in obese women: A pilot study. <i>Scientific Reports</i> , 2019 , 9, 5582	4.9	2
98	Inhibition of Porcine Aminopeptidase M (pAMP) by the Pentapeptide Microginins. <i>Molecules</i> , 2019 , 24,	4.8	4
97	Neurotoxic effects of sublethal concentrations of cyanobacterial extract containing anatoxin-a(s) on <i>Nauphoeta cinerea</i> cockroaches. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 171, 138-145	7	9

96	Human urine metabolomic signature after ingestion of polyphenol-rich juice of purple grumixama (<i>Eugenia brasiliensis</i> Lam.). <i>Food Research International</i> , 2019 , 120, 544-552	7	5
95	Biosynthesis of microcystin hepatotoxins in the cyanobacterial genus <i>Fischerella</i> . <i>Toxicon</i> , 2018 , 141, 43-50	2.8	13
94	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> , 2018 , 124, 834-844	5.9	23
93	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> , 2017 , 29, 751-757	3.7	31
92	Genetic Organization of Anabaenopeptin and Spumigin Biosynthetic Gene Clusters in the Cyanobacterium <i>Sphaerospermopsis torques-reginae</i> ITEP-024. <i>ACS Chemical Biology</i> , 2017 , 12, 769-778	4.9	14
91	The efficiency of combined coagulant and ballast to remove harmful cyanobacterial blooms in a tropical shallow system. <i>Harmful Algae</i> , 2017 , 65, 27-39	5.3	29
90	Mechanism and color modulation of fungal bioluminescence. <i>Science Advances</i> , 2017 , 3, e1602847	14.3	56
89	Leaf metabolic response to water deficit in <i>Pinus pinaster</i> Ait. relies upon ontogeny and genotype. <i>Environmental and Experimental Botany</i> , 2017 , 140, 41-55	5.9	18
88	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> , 2017 , 8, 2266-2274	6.1	33
87	New insights into the mechanistic action of methyldehydrodieugenol B towards <i>Leishmania</i> (L.) <i>infantum</i> via a multiplatform based untargeted metabolomics approach. <i>Metabolomics</i> , 2017 , 13, 1	4.7	5
86	Namalides B and C and Spumigins K-N from the Cultured Freshwater Cyanobacterium <i>Sphaerospermopsis torques-reginae</i> . <i>Journal of Natural Products</i> , 2017 , 80, 2492-2501	4.9	13
85	Identification of hispidin as a bioluminescent active compound and its recycling biosynthesis in the luminous fungal fruiting body. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 1435-1440	4.2	15
84	Identification, In Vitro Testing and Molecular Docking Studies of Microginins Q Mechanism of Angiotensin-Converting Enzyme Inhibition. <i>Molecules</i> , 2017 , 22,	4.8	6
83	Long-term in vivo polychlorinated biphenyl 126 exposure induces oxidative stress and alters proteomic profile on islets of Langerhans. <i>Scientific Reports</i> , 2016 , 6, 27882	4.9	12
82	Can creatine supplementation form carcinogenic heterocyclic amines in humans?. <i>Journal of Physiology</i> , 2015 , 593, 3959-71	3.9	17
81	First report of spumigin production by the toxic <i>Sphaerospermopsis torques-reginae</i> cyanobacterium. <i>Toxicon</i> , 2015 , 108, 15-8	2.8	8
80	Absorption of PCB126 by upper airways impairs G protein-coupled receptor-mediated immune response. <i>Scientific Reports</i> , 2015 , 5, 14917	4.9	8
79	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> , 2015 , 13, 3892-919	6	24

78	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> , 2015 , 26, 171-82	3.4	21
77	Biosynthesis of N,N-dimethyltryptamine (DMT) in a melanoma cell line and its metabolization by peroxidases. <i>Biochemical Pharmacology</i> , 2014 , 88, 393-401	6	8
76	Young "healthy" smokers have functional and inflammatory changes in the nasal and the lower airways. <i>Chest</i> , 2014 , 145, 998-1005	5.3	38
75	Growth and microcystin production of a Brazilian <i>Microcystis aeruginosa</i> strain (LTPNA 02) under different nutrient conditions. <i>Revista Brasileira De Farmacognosia</i> , 2014 , 24, 389-398	2	25
74	Oral exposure to cylindrospermopsin in pregnant rats: reproduction and foetal toxicity studies. <i>Toxicol</i> , 2013 , 74, 127-9	2.8	7
73	Photophysics and hydrolytic stability of betalains in aqueous trifluoroethanol. <i>Monatshefte Für Chemie</i> , 2013 , 144, 567-571	1.4	29
72	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> , 2013 , 27, 305-12	3.4	13
71	Effect of dielectric microwave heating on the color and antiradical capacity of betanin. <i>Journal of Food Engineering</i> , 2013 , 118, 49-55	6	38
70	Cylindrospermopsin and saxitoxin synthetase genes in <i>Cylindrospermopsis raciborskii</i> strains from Brazilian freshwater. <i>PLoS ONE</i> , 2013 , 8, e74238	3.7	56
69	Carotenogênese em células de <i>Haematococcus pluvialis</i> induzidas pelos estresses luminoso e nutricional. <i>Pesquisa Agropecuária Brasileira</i> , 2013 , 48, 825-832	1.8	5
68	Co-occurrence of microcystin and microginin congeners in Brazilian strains of <i>Microcystis</i> sp. <i>FEMS Microbiology Ecology</i> , 2012 , 82, 692-702	4.3	23
67	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> , 2012 , 22, 724-729	2	17
66	Effects of a cyanobacterial extract containing-anatoxin-a(s) on the cardiac rhythm of <i>Leurolestes circunvagans</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 775-781	2	11
65	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> , 2012 , 47, 905-18	2.2	66
64	Fundamentals and applications of analytical chemistry in natural products. <i>International Journal of Analytical Chemistry</i> , 2012 , 2012, 156201	1.4	1
63	Characterization of volatile composition of <i>Laurencia dendroidea</i> by gas chromatography-mass spectrometry. <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 805-813	2	4
62	Analyses of photoprotective compounds in red algae from the Brazilian coast. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 202-208	2	25
61	Sesquiterpenes from the essential oil of <i>Laurencia dendroidea</i> (Ceramiaceae, Rhodophyta): isolation, biological activities and distribution among seaweeds. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 248-254	2	29

60	Cultivation of algae in photobioreator and obtention of biodiesel. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 361-364	2	5
59	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> , 2011 , 17, 481-4	1.1	
58	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> , 2011 , 21, 349-354	2	43
57	Intriguing differences in the gas-phase dissociation behavior of protonated and deprotonated gonyautoxin epimers. <i>Journal of the American Society for Mass Spectrometry</i> , 2011 , 22, 2011-20	3.5	12
56	Dissociation of deprotonated microcystin variants by collision-induced dissociation following electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1981-92	2.2	14
55	Biochemical composition of two red seaweed species grown on the Brazilian coast. <i>Journal of the Science of Food and Agriculture</i> , 2011 , 91, 1687-92	4.3	45
54	Effect of toasting intensity at cooperage on phenolic compounds in acacia (<i>Robinia pseudoacacia</i>) heartwood. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 3135-45	5.7	35
53	Diversity of microcystin-producing genotypes in Brazilian strains of <i>Microcystis</i> (Cyanobacteria). <i>Brazilian Journal of Biology</i> , 2011 , 71, 209-16	1.5	24
52	Synthesis of Cyclic Guanidine Intermediates of Anatoxin-a(s) in Both Racemic and Enantiomerically Pure Forms. <i>Synlett</i> , 2010 , 2010, 967-969	2.2	3
51	Microcystins in South American aquatic ecosystems: Occurrence, toxicity and toxicological assays. <i>Toxicon</i> , 2010 , 56, 1247-56	2.8	55
50	Methods for detection of anatoxin-a(s) by liquid chromatography coupled to electrospray ionization-tandem mass spectrometry. <i>Toxicon</i> , 2010 , 55, 92-9	2.8	43
49	qNMR: An applicable method for the determination of dimethyltryptamine in ayahuasca, a psychoactive plant preparation. <i>Phytochemistry Letters</i> , 2010 , 3, 79-83	1.9	22
48	Efficient sonochemical synthesis of novel 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carboximidamides. <i>Ultrasonics Sonochemistry</i> , 2010 , 17, 34-7	8.9	66
47	Lipid, fatty acid, protein, amino acid and ash contents in four Brazilian red algae species. <i>Food Chemistry</i> , 2010 , 120, 585-590	8.5	159
46	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> , 2010 , 21, 1477-1483	1.5	20
45	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> , 2009 , 20, 1609-1616	1.5	12
44	Microcystins -LA, -YR, and -LR action on neutrophil migration. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 9-14	3.4	17
43	¹ H NMR determination of beta-N-methylamino-L-alanine (L-BMAA) in environmental and biological samples. <i>Toxicon</i> , 2009 , 53, 578-83	2.8	27

42	Saxitoxins accumulation by freshwater tilapia (<i>Oreochromis niloticus</i>) for human consumption. <i>Toxicon</i> , 2009 , 54, 891-4	2.8	41
41	Useful Strategies for Algal Volatile Analysis. <i>Current Analytical Chemistry</i> , 2009 , 5, 271-292	1.7	22
40	A Fragmentation study of di-acidic mycosporine-like amino acids in electrospray and nanospray mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1625-1631	1.5	14
39	Cyanobacteria and Cyanotoxin in the Billings Reservoir (Sao Paulo, SP, Brazil) 2009 , 28, 273-282		27
38	Analysis of chemokines and reactive oxygen species formation by rat and human neutrophils induced by microcystin-LA, -YR and -LR. <i>Toxicon</i> , 2008 , 51, 1274-80	2.8	32
37	Biochemical biomarkers in algae and marine pollution: a review. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 1-15	7	368
36	Regiospecific Synthesis of 5-Trichloromethyl-1H-Pyrazole and 1HPyrazole-5-Carboxylic Ester Derivatives. <i>Letters in Organic Chemistry</i> , 2008 , 5, 91-97	0.6	7
35	A theoretical and mass spectrometry study of the fragmentation of mycosporine-like amino acids. <i>International Journal of Mass Spectrometry</i> , 2008 , 273, 11-19	1.9	48
34	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> , 2008 , 22, 2015-20	2.2	11
33	One-pot synthesis of N-Cbz-l-BMAA and derivatives from N-Cbz-l-serine. <i>Tetrahedron Letters</i> , 2007 , 48, 2325-2327	2	13
32	Phytochemical study of <i>Solanum lycocarpum</i> (St. Hil) unripe fruit and its effects on rat gestation. <i>Phytotherapy Research</i> , 2007 , 21, 1025-8	6.7	15
31	Differential ionisation of natural antioxidant polyenes in electrospray and nanospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 3842-8	2.2	15
30	Metabolites from algae with economical impact. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 146, 60-78	3.2	395
29	. <i>Phycologia</i> , 2007 , 46, 3-9	2.7	9
28	Determination of anatoxin-a in environmental water samples by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2006 , 29, 2085-90	3.4	21
27	Mechanism for the elimination of aromatic molecules from polyenes in tandem mass spectrometry. <i>Chemical Communications</i> , 2006 , 4110-2	5.8	16
26	Effects of microcystins on human polymorphonuclear leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 273-7	3.4	28
25	Use of electrospray tandem mass spectrometry for identification of microcystins during a cyanobacterial bloom event. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 344, 741-6	3.4	33

24	Detection of harmful cyanobacteria and their toxins by both PCR amplification and LC-MS during a bloom event. <i>Toxicon</i> , 2006 , 48, 239-45	2.8	40
23	Aspectos toxicológicos e químicos da Anatoxina-a e seus antígenos. <i>Química Nova</i> , 2006 , 29, 1365-1371	1.6	4
22	Fragmentation of mycosporine-like amino acids by hydrogen/deuterium exchange and electrospray ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 253-8	2.2	54
21	On-Fiber Derivatization of SPME Extracts of Phenol, Hydroquinone and Catechol with GC-MS Detection. <i>Chromatographia</i> , 2006 , 63, 175-179	2.1	43
20	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> , 2005 , 326, 687-94	3.4	32
19	Diel activities of antioxidant enzymes, photosynthetic pigments and malondialdehyde content in stationary-phase cells of <i>Tetraselmis gracilis</i> (Prasinophyceae). <i>Aquatic Botany</i> , 2005 , 82, 239-249	1.8	27
18	Rhythmicity and oxidative/nitrosative stress in algae. <i>Biological Rhythm Research</i> , 2005 , 36, 67-82	0.8	34
17	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> , 2005 , 53, 209-214	1.3	7
16	Balance of xanthophylls molecular and protonated molecular ions in electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 963-8	2.2	37
15	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> , 2005 , 53, 209-214	1.3	6
14	Flavonoids from <i>Lychnophora passerina</i> (Asteraceae): potential antioxidants and UV-protectants. <i>Biochemical Systematics and Ecology</i> , 2004 , 32, 239-243	1.4	25
13	PCB-induced oxidative stress in the unicellular marine dinoflagellate <i>Lingulodinium polyedrum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 45, 59-65	3.2	42
12	Induction of oxidative stress in the red macroalga <i>Gracilaria tenuistipitata</i> by pollutant metals. <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 45, 337-42	3.2	91
11	Density-dependent patterns of thiamine and pigment production in the diatom <i>Nitzschia microcephala</i> . <i>Phytochemistry</i> , 2003 , 63, 155-63	4	43
10	HEAVY METAL INDUCED OXIDATIVE STRESS IN ALGAE1. <i>Journal of Phycology</i> , 2003 , 39, 1008-1018	3	749
9	Sesquiterpene lactone from <i>Wunderlichia crulsiana</i> inhibits the respiratory burst of leukocytes triggered by distinct biochemical pathways. <i>Life Sciences</i> , 2003 , 73, 2161-9	6.8	8
8	Changes in superoxide dismutase activity and photosynthetic pigment content during growth of marine phytoplankters in batch-cultures. <i>Physiologia Plantarum</i> , 2002 , 114, 566-571	4.6	43
7	Daily Oscillation of Fatty Acids and Malondialdehyde in the Dinoflagellate <i>Lingulodinium polyedrum</i> . <i>Biological Rhythm Research</i> , 2002 , 33, 371-382	0.8	26

6	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> , 2002 , 33, 443-458	0.8	9
5	Simultaneous detection of thiamine and its phosphate esters from microalgae by HPLC. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 344-8	3.4	26
4	Antioxidant modulation in response to metal-induced oxidative stress in algal chloroplasts. <i>Archives of Environmental Contamination and Toxicology</i> , 2001 , 40, 18-24	3.2	132
3	Astaxanthin and peridinin inhibit oxidative damage in Fe(2+)-loaded liposomes: scavenging oxyradicals or changing membrane permeability?. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 225-32	3.4	75
2	Peridinin as the major biological carotenoid quencher of singlet oxygen in marine algae <i>Gonyaulax polyedra</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000 , 268, 496-500	3.4	45
1	Comprehensive database of secondary metabolites from cyanobacteria		11