

Luis M Botana

List of Publications by Year in descending order

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274
papers

14,025
citations

53794

45
h-index

27406

106
g-index

292
all docs

292
docs citations

292
times ranked

19790
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of mycotoxins and mycotoxigenic fungi in silage from the north of Portugal at feed-out. <i>International Journal of Food Microbiology</i> , 2022, 365, 109556.	4.7	9
2	Determination of the toxicity equivalency factors for ciguatoxins using human sodium channels. <i>Food and Chemical Toxicology</i> , 2022, 160, 112812.	3.6	12
3	Current Trends and New Challenges in Marine Phycotoxins. <i>Marine Drugs</i> , 2022, 20, 198.	4.6	19
4	NeuroTorp, a lateral flow test based on toxin-receptor affinity for in-situ early detection of cyclic imine toxins. <i>Analytica Chimica Acta</i> , 2022, 1221, 339941.	5.4	0
5	Multi-detection method for mycotoxins with a modified QuEChERS extraction in feed and development of a simple detoxification procedure. <i>Animal Feed Science and Technology</i> , 2021, 272, 114745.	2.2	12
6	Targeting Chloride Ion Channels: New Insights into the Mechanism of Action of the Marine Toxin Azaspiracid. <i>Chemical Research in Toxicology</i> , 2021, 34, 865-879.	3.3	10
7	DSP Toxin Distribution across Organs in Mice after Acute Oral Administration. <i>Marine Drugs</i> , 2021, 19, 23.	4.6	7
8	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from <i>Sphaerococcus coronopifolius</i> . <i>Molecules</i> , 2021, 26, 1374.	3.8	3
9	Crosstalk between cyclophilins and T lymphocytes in coronary artery disease. <i>Experimental Cell Research</i> , 2021, 400, 112514.	2.6	13
10	Cyclophilins A, B, and C Role in Human T Lymphocytes Upon Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 609196.	4.8	12
11	Serotonin involvement in okadaic acid-induced diarrhoea in vivo. <i>Archives of Toxicology</i> , 2021, 95, 2797-2813.	4.2	9
12	Anhydroexfoliamycin, a <i>Streptomyces</i> Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2336-2346.	3.5	7
13	Crambescin C1 Acts as A Possible Substrate of iNOS and eNOS Increasing Nitric Oxide Production and Inducing In Vivo Hypotensive Effect. <i>Frontiers in Pharmacology</i> , 2021, 12, 694639.	3.5	2
14	Single and combined effects of regulated and emerging mycotoxins on viability and mitochondrial function of SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2021, 154, 112308.	3.6	14
15	Multianalyte method for the determination of regulated, emerging and modified mycotoxins in milk: QuEChERS extraction followed by UHPLC-MS/MS analysis. <i>Food Chemistry</i> , 2021, 356, 129647.	8.2	40
16	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 142 Td (edition 9.1 1,430		
17	Tavarua Deoxyriboside A and Jasplakinolide as Potential Neuroprotective Agents: Effects on Cellular Models of Oxidative Stress and Neuroinflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 150-162.	3.5	6
18	Gambierol Potently Increases Evoked Quantal Transmitter Release and Reverses Pre- and Post-Synaptic Blockade at Vertebrate Neuromuscular Junctions. <i>Neuroscience</i> , 2020, 439, 106-116.	2.3	4

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19	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. Cellular and Molecular Neurobiology, 2020, 40, 603-615.	3.3	11
20	Salen-manganese complexes for controlling ROS damage: Neuroprotective effects, antioxidant activity and kinetic studies. Journal of Inorganic Biochemistry, 2020, 203, 110918.	3.5	8
21	Neuroprotective Effects of Apple-Derived Drinks in a Mice Model of Inflammation. Molecular Nutrition and Food Research, 2020, 64, e1901017.	3.3	7
22	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.	5.0	6
23	Detection of Cyclic Imine Toxins in Dietary Supplements of Green Lipped Mussels (<i>Perna canaliculus</i>) and in Shellfish <i>Mytilus chilensis</i> . Toxins, 2020, 12, 613.	3.4	15
24	Biological Activities of Cyclic and Acyclic B-Type Laxaphycins in SH-SY5Y Human Neuroblastoma Cells. Marine Drugs, 2020, 18, 364.	4.6	13
25	In Vivo Evaluation of the Chronic Oral Toxicity of the Marine Toxin Palytoxin. Toxins, 2020, 12, 489.	3.4	8
26	Partial Blockade of Human Voltage-Dependent Sodium Channels by the Marine Toxins Azaspiracids. Chemical Research in Toxicology, 2020, 33, 2593-2604.	3.3	7
27	Magnetic nanostructures for marine and freshwater toxins removal. Chemosphere, 2020, 256, 127019.	8.2	14
28	Sphaerococcus coronopifolius bromoterpenes as potential cancer stem cell-targeting agents. Biomedicine and Pharmacotherapy, 2020, 128, 110275.	5.6	10
29	Oral Chronic Toxicity of the Safe Tetrodotoxin Dose Proposed by the European Food Safety Authority and Its Additive Effect with Saxitoxin. Toxins, 2020, 12, 312.	3.4	12
30	Futunamine, a Pyrrole-Imidazole Alkaloid from the Sponge <i>Stylissa</i> aff. <i>carteri</i> Collected off the Futuna Islands. Journal of Natural Products, 2020, 83, 2299-2304.	3.0	14
31	Reevaluation of the acute toxicity of palytoxin in mice: Determination of lethal dose 50 (LD50) and No-observed-adverse-effect level (NOAEL). Toxicon, 2020, 177, 16-24.	1.6	8
32	Gracilin A Derivatives Target Early Events in Alzheimer's Disease: in Vitro Effects on Neuroinflammation and Oxidative Stress. ACS Chemical Neuroscience, 2019, 10, 4102-4111.	3.5	14
33	LC-MS/MS Analysis of the Emerging Toxin Pinnatoxin-G and High Levels of Esterified OA Group Toxins in Galician Commercial Mussels. Toxins, 2019, 11, 394.	3.4	28
34	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. Scientific Reports, 2019, 9, 10576.	3.3	17
35	Acute Toxicity Assessment: Macroscopic and Ultrastructural Effects in Mice Treated with Oral Tetrodotoxin. Toxins, 2019, 11, 305.	3.4	11
36	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . Marine Drugs, 2019, 17, 319.	4.6	9

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37	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	3.4	22
38	Detoxification agents based on magnetic nanostructured particles as a novel strategy for mycotoxin mitigation in food. Food Chemistry, 2019, 294, 60-66.	8.2	32
39	Simplified immunosuppressive and neuroprotective agents based on gracilin A. Nature Chemistry, 2019, 11, 342-350.	13.6	45
40	Structure and biological evaluation of new cyclic and acyclic laxaphycin-A type peptides. Bioorganic and Medicinal Chemistry, 2019, 27, 1966-1980.	3.0	21
41	First report of Fusarium foetens as a mycotoxin producer. Mycotoxin Research, 2019, 35, 177-186.	2.3	9
42	Structure Elucidation and Biological Evaluation of Maitotoxin-3, a Homologue of Gambierone, from Gambierdiscus belizeanus. Toxins, 2019, 11, 79.	3.4	39
43	Caniferolide A, a Macrolide from <i>Streptomyces caniferus</i> , Attenuates Neuroinflammation, Oxidative Stress, Amyloid-Beta, and Tau Pathology in Vitro. Molecular Pharmaceutics, 2019, 16, 1456-1466.	4.6	28
44	A QuEChERS based extraction procedure coupled to UPLC-MS/MS detection for mycotoxins analysis in beer. Food Chemistry, 2019, 275, 703-710.	8.2	58
45	In Vitro Effects of Chronic Spirolide Treatment on Human Neuronal Stem Cell Differentiation and Cholinergic System Development. ACS Chemical Neuroscience, 2018, 9, 1441-1452.	3.5	8
46	Molecular detection of harmful cyanobacteria and expression of their toxin genes in Dutch lakes using multi-probe RNA chips. Harmful Algae, 2018, 72, 25-35.	4.8	5
47	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. Talanta, 2018, 178, 37-42.	5.5	17
48	Toxins: Neurotoxins. , 2018, , .		1
49	8. Isolation, characterization, and identification of mycotoxin-producing fungi. , 2018, , 202-245.		2
50	Transcriptomic Analysis of Ciguatoxin-Induced Changes in Gene Expression in Primary Cultures of Mice Cortical Neurons. Toxins, 2018, 10, 192.	3.4	10
51	Zoanthamine Alkaloids from the Zoantharian Zoanthus cf. pulchellus and Their Effects in Neuroinflammation. Marine Drugs, 2018, 16, 242.	4.6	17
52	Paralytic Shellfish Toxins Occurrence in Non-Traditional Invertebrate Vectors from North Atlantic Waters (Azores, Madeira, and Morocco). Toxins, 2018, 10, 362.	3.4	15
53	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. Neuropharmacology, 2018, 141, 283-295.	4.1	14
54	Toxic Action Reevaluation of Okadaic Acid, Dinophysistoxin-1 and Dinophysistoxin-2: Toxicity Equivalency Factors Based on the Oral Toxicity Study. Cellular Physiology and Biochemistry, 2018, 49, 743-757.	1.6	30

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55	Synergistic Effect of Transient Receptor Potential Antagonist and Amiloride against Maitotoxin Induced Calcium Increase and Cytotoxicity in Human Neuronal Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2667-2678.	3.5	5
56	From Marine Origin to Therapeutics: The Antitumor Potential of Marine Algae-Derived Compounds. <i>Frontiers in Pharmacology</i> , 2018, 9, 777.	3.5	138
57	Rapid analysis of paralytic shellfish toxins and tetrodotoxins by liquid chromatography-tandem mass spectrometry using a porous graphitic carbon column. <i>Food Chemistry</i> , 2018, 269, 166-172.	8.2	26
58	A single run UPLC-MS/MS method for detection of all EU-regulated marine toxins. <i>Talanta</i> , 2018, 189, 622-628.	5.5	41
59	Human Poisoning from Marine Toxins: Unknowns for Optimal Consumer Protection. <i>Toxins</i> , 2018, 10, 324.	3.4	104
60	Marine invasive macroalgae: Turning a real threat into a major opportunity - the biotechnological potential of <i>Sargassum muticum</i> and <i>Asparagopsis armata</i> . <i>Algal Research</i> , 2018, 34, 217-234.	4.6	58
61	Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid β Expression in Mice Brains: Implications in AD Pathology. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1358-1367.	3.5	15
62	Characterization of the dinophysistoxin-2 acute oral toxicity in mice to define the Toxicity Equivalency Factor. <i>Food and Chemical Toxicology</i> , 2017, 102, 166-175.	3.6	19
63	The association of bacterial C9-based TTX-like compounds with <i>Procentrum minimum</i> opens new uncertainties about shellfish seafood safety. <i>Scientific Reports</i> , 2017, 7, 40880.	3.3	42
64	Quantification of PSP toxins in toxic shellfish matrices using post-column oxidation liquid chromatography and pre-column oxidation liquid chromatography methods suggests post-column oxidation liquid chromatography as a good monitoring method of choice. <i>Toxicon</i> , 2017, 129, 28-35.	1.6	11
65	Subacute immunotoxicity of the marine phycotoxin yessotoxin in rats. <i>Toxicon</i> , 2017, 129, 74-80.	1.6	8
66	Evaluation of the Protective Effects of Sarains on H ₂ O ₂ -Induced Mitochondrial Dysfunction and Oxidative Stress in SH-SY5Y Neuroblastoma Cells. <i>Neurotoxicity Research</i> , 2017, 32, 368-380.	2.7	19
67	UPLC-MS-IT-TOF Identification of Circumdatins Produced by <i>Aspergillus ochraceus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4843-4852.	5.2	12
68	The Marine Guanidine Alkaloid Crambescidin 816 Induces Calcium Influx and Cytotoxicity in Primary Cultures of Cortical Neurons through Glutamate Receptors. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1609-1617.	3.5	16
69	Derivation of toxicity equivalency factors for marine biotoxins associated with Bivalve Molluscs. <i>Trends in Food Science and Technology</i> , 2017, 59, 15-24.	15.1	50
70	Absorption and Effect of Azaspiracid-1 Over the Human Intestinal Barrier. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 136-146.	1.6	14
71	Analytical challenges for regulated marine toxins. Detection methods. <i>Current Opinion in Food Science</i> , 2017, 18, 29-36.	8.0	25
72	First Identification of Palytoxin-Like Molecules in the Atlantic Coral Species <i>Palythoa canariensis</i> . <i>Analytical Chemistry</i> , 2017, 89, 7438-7446.	6.5	10

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73	Monitoring of freshwater toxins in European environmental waters by using novel multi-detection methods. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 645-654.	4.3	21
74	Autumnalamide targeted proteins of the immunophilin family. <i>Immunobiology</i> , 2017, 222, 241-250.	1.9	3
75	In vivo cardiomyocyte response to YTX- and AZA-1-induced damage: autophagy versus apoptosis. <i>Archives of Toxicology</i> , 2017, 91, 1859-1870.	4.2	8
76	Acute Oral Toxicity of Tetrodotoxin in Mice: Determination of Lethal Dose 50 (LD50) and No Observed Adverse Effect Level (NOAEL). <i>Toxins</i> , 2017, 9, 75.	3.4	43
77	Analysis of natural toxins by liquid chromatography. , 2017, , 479-514.		3
78	Liquid Chromatography with a Fluorimetric Detection Method for Analysis of Paralytic Shellfish Toxins and Tetrodotoxin Based on a Porous Graphitic Carbon Column. <i>Toxins</i> , 2016, 8, 196.	3.4	32
79	Evaluation of the Antioxidant Activity of the Marine Pyrroloiminoquinone Makaluvamines. <i>Marine Drugs</i> , 2016, 14, 197.	4.6	16
80	Heart Alterations after Domoic Acid Administration in Rats. <i>Toxins</i> , 2016, 8, 68.	3.4	12
81	Evaluation of the Impact of Mild Steaming and Heat Treatment on the Concentration of Okadaic Acid, Dinophysistoxin-2 and Dinophysistoxin-3 in Mussels. <i>Toxins</i> , 2016, 8, 175.	3.4	8
82	How Safe Is Safe for Marine Toxins Monitoring?. <i>Toxins</i> , 2016, 8, 208.	3.4	20
83	Spongionella Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. <i>Frontiers in Immunology</i> , 2016, 7, 452.	4.8	11
84	Yessotoxin, a Promising Therapeutic Tool. <i>Marine Drugs</i> , 2016, 14, 30.	4.6	36
85	Cytotoxicity of goniodomin A and B in non contractile cells. <i>Toxicology Letters</i> , 2016, 250-251, 10-20.	0.8	17
86	Subacute Cardiotoxicity of Yessotoxin: <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>Chemical Research in Toxicology</i> , 2016, 29, 981-990.	3.3	13
87	Identification of Spongionella compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016, 107, 407-414.	7.1	15
88	Evaluation of toxicity equivalent factors of paralytic shellfish poisoning toxins in seven human sodium channels types by an automated high throughput electrophysiology system. <i>Archives of Toxicology</i> , 2016, 90, 479-488.	4.2	37
89	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
90	Subacute Cardiovascular Toxicity of the Marine Phycotoxin Azaspiracid-1 in Rats. <i>Toxicological Sciences</i> , 2016, 151, 104-114.	3.1	22

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91	Toxicological Perspective on Climate Change: Aquatic Toxins. <i>Chemical Research in Toxicology</i> , 2016, 29, 619-625.	3.3	58
92	Detection of palytoxin-like compounds by a flow cytometry-based immunoassay supported by functional and analytical methods. <i>Analytica Chimica Acta</i> , 2016, 903, 1-12.	5.4	13
93	Yessotoxin, a Marine Toxin, Exhibits Anti-Allergic and Anti-Tumoural Activities Inhibiting Melanoma Tumour Growth in a Preclinical Model. <i>PLoS ONE</i> , 2016, 11, e0167572.	2.5	13
94	Marine guanidine alkaloids crambescidins inhibit tumor growth and activate intrinsic apoptotic signaling inducing tumor regression in a colorectal carcinoma zebrafish xenograft model. <i>Oncotarget</i> , 2016, 7, 83071-83087.	1.8	34
95	13. From science to policy: dynamic adaptation of legal regulations on aquatic biotoxins. , 2015, , 441-482.		3
96	Spongionella Secondary Metabolites Regulate Store Operated Calcium Entry Modulating Mitochondrial Functioning in SH-SY5Y Neuroblastoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 779-792.	1.6	16
97	Crambescin C1 Exerts a Cytoprotective Effect on HepG2 Cells through Metallothionein Induction. <i>Marine Drugs</i> , 2015, 13, 4633-4653.	4.6	11
98	First Report of Ciguatoxins in Two Starfish Species: <i>Ophidiaster ophidianus</i> and <i>Marthasterias glacialis</i> . <i>Toxins</i> , 2015, 7, 3740-3757.	3.4	51
99	Study of Adsorption and Flocculation Properties of Natural Clays to Remove <i>Prorocentrum lima</i> . <i>Toxins</i> , 2015, 7, 3977-3988.	3.4	12
100	New Invertebrate Vectors of Okadaic Acid from the North Atlantic Waters of Portugal (Azores and Madeira). <i>Toxins</i> , 2015, 7, 3740-3757.	3.4	8
101	Different toxic effects of YTX in tumor K-562 and lymphoblastoid cell lines. <i>Frontiers in Pharmacology</i> , 2015, 6, 124.	3.5	5
102	Chronic Ciguatoxin Treatment Induces Synaptic Scaling through Voltage Gated Sodium Channels in Cortical Neurons. <i>Chemical Research in Toxicology</i> , 2015, 28, 1109-1119.	3.3	16
103	Yessotoxin activates cell death pathways independent of Protein Kinase C in K-562 human leukemic cell line. <i>Toxicology in Vitro</i> , 2015, 29, 1545-1554.	2.4	5
104	First Detection of Tetrodotoxin in Greek Shellfish by UPLC-MS/MS Potentially Linked to the Presence of the Dinoflagellate <i>Prorocentrum minimum</i> . <i>Toxins</i> , 2015, 7, 1779-1807.	3.4	131
105	Emergent Toxins in North Atlantic Temperate Waters: A Challenge for Monitoring Programs and Legislation. <i>Toxins</i> , 2015, 7, 859-885.	3.4	33
106	12. Effects on world food production and security. , 2015, , 417-440.		0
107	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015, 93, 285-293.	4.1	54
108	Acute Cardiotoxicity Evaluation of the Marine Biotoxins OA, DTX-1 and YTX. <i>Toxins</i> , 2015, 7, 1030-1047.	3.4	29

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109	C-kit mutations determine dasatinib mechanism of action in HMC-1 neoplastic mast cells: dasatinib differently regulates PKC ζ translocation in HMC-1560 and HMC-1560,816 cell lines. <i>Immunopharmacology and Immunotoxicology</i> , 2015, 37, 380-387.	2.4	4
110	Cross-talks between c-Kit and PKC isoforms in HMC-1560 and HMC-1560,816 cells. Different role of PKC ζ in each cellular line. <i>Cellular Immunology</i> , 2015, 293, 104-112.	3.0	5
111	Synthetic Ciguatoxin CTX 3C Induces a Rapid Imbalance in Neuronal Excitability. <i>Chemical Research in Toxicology</i> , 2015, 28, 1095-1108.	3.3	16
112	Influence of Different Shellfish Matrices on the Separation of PSP Toxins Using a Postcolumn Oxidation Liquid Chromatography Method. <i>Toxins</i> , 2015, 7, 1324-1340.	3.4	11
113	Diarrhetic effect of okadaic acid could be related with its neuronal action: Changes in neuropeptide Y. <i>Toxicology Letters</i> , 2015, 237, 151-160.	0.8	35
114	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015, 17, 2392-2395.	4.6	60
115	Indole alkaloids from the Marquesan plant <i>Rauvolfia nukuhivensis</i> and their effects on ion channels. <i>Phytochemistry</i> , 2015, 109, 84-95.	2.9	22
116	8 Considerations about international mycotoxin legislation, food security, and climate change. , 2015, , 153-180.		2
117	Spongionella Secondary Metabolites Protect Mitochondrial Function in Cortical Neurons against Oxidative Stress. <i>Marine Drugs</i> , 2014, 12, 700-718.	4.6	36
118	Evolving to the optoelectronic mouse for phycotoxin analysis in shellfish. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6867-6881.	3.7	19
119	Detection of Anatoxin-a and Three Analogs in <i>Anabaena</i> spp. Cultures: New Fluorescence Polarization Assay and Toxin Profile by LC-MS/MS. <i>Toxins</i> , 2014, 6, 402-415.	3.4	27
120	Surface Plasmon Resonance Biosensor Method for Palytoxin Detection Based on Na ⁺ ,K ⁺ -ATPase Affinity. <i>Toxins</i> , 2014, 6, 96-107.	3.4	16
121	Different Role of cAMP Pathway on the Human Mast Cells HMC ζ ⁵⁶⁰ and HMC ζ ^{560,816} Activation. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 896-909.	2.6	3
122	In vitro chronic effects on hERG channel caused by the marine biotoxin azaspiracid-2. <i>Toxicon</i> , 2014, 91, 69-75.	1.6	16
123	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014, 8, 1-33.	0.4	7
124	Experimental Basis for the High Oral Toxicity of Dinophysistoxin 1: A Comparative Study of DSP. <i>Toxins</i> , 2014, 6, 211-228.	3.4	32
125	Microsphere-based immunoassay for the detection of azaspiracids. <i>Analytical Biochemistry</i> , 2014, 447, 58-63.	2.4	17
126	In vivo arrhythmogenicity of the marine biotoxin azaspiracid-2 in rats. <i>Archives of Toxicology</i> , 2014, 88, 425-434.	4.2	25

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127	Mitigation of ROS Insults by Streptomyces Secondary Metabolites in Primary Cortical Neurons. ACS Chemical Neuroscience, 2014, 5, 71-80.	3.5	31
128	Hapalindoles from the Cyanobacterium <i>Fischerella</i> : Potential Sodium Channel Modulators. Chemical Research in Toxicology, 2014, 27, 1696-1706.	3.3	26
129	Differential Effects of Ciguatoxin and Maitotoxin in Primary Cultures of Cortical Neurons. Chemical Research in Toxicology, 2014, 27, 1387-1400.	3.3	29
130	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.	5.4	25
131	Evaluation of the intestinal permeability and cytotoxic effects of cylindrospermopsin. Toxicon, 2014, 91, 23-34.	1.6	16
132	Autumnalamide, a Prenylated Cyclic Peptide from the Cyanobacterium <i>Phormidium autumnale</i> , Acts on SH-SY5Y Cells at the Mitochondrial Level. Journal of Natural Products, 2014, 77, 2196-2205.	3.0	9
133	Guide to Phycotoxin Monitoring of Bivalve Mollusk-Harvesting Areas. , 2014, , 39-56.		2
134	PKC potentiates tyrosine kinase inhibitors STI571 and dasatinib cytotoxic effect. Anticancer Research, 2014, 34, 3347-56.	1.1	6
135	Innovative detection methods for aquatic algal toxins and their presence in the food chain. Analytical and Bioanalytical Chemistry, 2013, 405, 7719-7732.	3.7	39
136	Multidetetection of Paralytic, Diarrheic, and Amnesic Shellfish Toxins by an Inhibition Immunoassay Using a Microsphere-Flow Cytometry System. Analytical Chemistry, 2013, 85, 7794-7802.	6.5	47
137	Sustainable production of biologically active molecules of marine based origin. New Biotechnology, 2013, 30, 839-850.	4.4	92
138	Protein Synthesis Inhibition and Oxidative Stress Induced by Cylindrospermopsin Elicit Apoptosis in Primary Rat Hepatocytes. Chemical Research in Toxicology, 2013, 26, 203-212.	3.3	52
139	The kinetic, mechanistic and cytomorphological effects of palytoxin in human intestinal cells ($Caco-2$) explain its lower than parenteral oral toxicity. FEBS Journal, 2013, 280, 3906-3919.	4.7	21
140	Differential Effects of Crambescins and Crambescidin 816 in Voltage-Gated Sodium, Potassium and Calcium Channels in Neurons. Chemical Research in Toxicology, 2013, 26, 169-178.	3.3	38
141	High-throughput receptor-based assay for the detection of spirolides by chemiluminescence. Toxicon, 2013, 75, 35-43.	1.6	14
142	Translocation of PKC by Yessotoxin in an in Vitro Model of Alzheimer's Disease with Improvement of Tau and β -Amyloid Pathology. ACS Chemical Neuroscience, 2013, 4, 1062-1070.	3.5	27
143	Development of a Solid-Phase Receptor-Based Assay for the Detection of Cyclic Imines Using a Microsphere-Flow Cytometry System. Analytical Chemistry, 2013, 85, 2340-2347.	6.5	36
144	Bioengineered protein phosphatase 2A. Bioengineered, 2013, 4, 72-77.	3.2	2

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145	Current situation on analysis of marine toxins. <i>Reviews in Analytical Chemistry</i> , 2013, 32, 15-34.	3.2	12
146	Oral Toxicity of Okadaic Acid in Mice: Study of Lethality, Organ Damage, Distribution and Effects on Detoxifying Gene Expression. <i>Toxins</i> , 2013, 5, 2093-2108.	3.4	33
147	Crambescidin-816 Acts as a Fungicidal with More Potency than Crambescidin-800 and -830, Inducing Cell Cycle Arrest, Increased Cell Size and Apoptosis in <i>Saccharomyces cerevisiae</i> . <i>Marine Drugs</i> , 2013, 11, 4419-4434.	4.6	28
148	New Invertebrate Vectors for PST, Spirolides and Okadaic Acid in the North Atlantic. <i>Marine Drugs</i> , 2013, 11, 1936-1960.	4.6	31
149	Benefit of 13-desmethyl Spirolide C Treatment in Triple Transgenic Mouse Model of Alzheimer Disease: Beta-Amyloid and Neuronal Markers Improvement. <i>Current Alzheimer Research</i> , 2013, 10, 279-289.	1.4	46
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