

Luis M. Botana

List of Publications by Year in descending order

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Version: 2024-02-01

388
papers

16,468
citations

41344

49
h-index

24982

109
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418
all docs

418
docs citations

418
times ranked

21237
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	Disclosing the antitumour potential of the marine bromoditerpene sphaerococcenol A on distinct cancer cellular models. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112886.	5.6	4
5	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
6	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
7	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
8	DSP Toxin Distribution across Organs in Mice after Acute Oral Administration. <i>Marine Drugs</i> , 2021, 19, 23.	4.6	7
9	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from <i>Sphaerococcus coronopifolius</i> . <i>Molecules</i> , 2021, 26, 1374.	3.8	3
10	Crosstalk between cyclophilins and T lymphocytes in coronary artery disease. <i>Experimental Cell Research</i> , 2021, 400, 112514.	2.6	13
11	Cyclophilins A, B, and C Role in Human T Lymphocytes Upon Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 609196.	4.8	12
12	d-Peptidase Activity in a Marine Mollusk Detoxifies a Nonribosomal Cyclic Lipopeptide: An Ecological Model to Study Antibiotic Resistance. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6198-6208.	6.4	1
13	Serotonin involvement in okadaic acid-induced diarrhoea in vivo. <i>Archives of Toxicology</i> , 2021, 95, 2797-2813.	4.2	9
14	Anhydroexfoliamycin, a <i>Streptomyces</i> Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2336-2346.	3.5	7
15	Crambesin 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
16	Redefining dilute and shoot: The evolution of the technique and its application in the analysis of foods and biological matrices by liquid chromatography mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 141, 116284.	11.4	61
17	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
18	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

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19	Increase of serum cyclophilin C levels in the follow-up of coronary artery disease: A biomarker and possible clinical predictor. <i>Archivos De Cardiologia De Mexico</i> , 2021, , .	0.2	2
20	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition 9.1 1,430		
21	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
22	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
23	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 603-615.	3.3	11
24	Salenâ€manganese complexes for controlling ROS damage: Neuroprotective effects, antioxidant activity and kinetic studies. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110918.	3.5	8
25	Neuroprotective Effects of Appleâ€Derived Drinks in a Mice Model of Inflammation. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901017.	3.3	7
26	Lipophilic toxins occurrence in non-traditional invertebrate vectors from North Atlantic Waters (Azores, Madeira, and Morocco): Update on geographical tendencies and new challenges for monitoring routines. <i>Marine Pollution Bulletin</i> , 2020, 161, 111725.	5.0	6
27	Detection of Cyclic Imine Toxins in Dietary Supplements of Green Lipped Mussels (<i>Perna canaliculus</i>) and in Shellfish <i>Mytilus chilensis</i> . <i>Toxins</i> , 2020, 12, 613.	3.4	15
28	Biological Activities of Cyclic and Acyclic B-Type Laxaphycins in SH-SY5Y Human Neuroblastoma Cells. <i>Marine Drugs</i> , 2020, 18, 364.	4.6	13
29	In Vivo Evaluation of the Chronic Oral Toxicity of the Marine Toxin Palytoxin. <i>Toxins</i> , 2020, 12, 489.	3.4	8
30	Partial Blockade of Human Voltage-Dependent Sodium Channels by the Marine Toxins Azaspiracids. <i>Chemical Research in Toxicology</i> , 2020, 33, 2593-2604.	3.3	7
31	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020, 256, 127019.	8.2	14
32	Sphaerococcus coronopifolius bromoterpenes as potential cancer stem cell-targeting agents. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110275.	5.6	10
33	Oral Chronic Toxicity of the Safe Tetrodotoxin Dose Proposed by the European Food Safety Authority and Its Additive Effect with Saxitoxin. <i>Toxins</i> , 2020, 12, 312.	3.4	12
34	Assessment of the Chemical Diversity and Potential Toxicity of Benthic Cyanobacterial Blooms in the Lagoon of Moorea Island (French Polynesia). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 406.	2.6	6
35	Futunamine, a Pyrroleâ€Imidazole Alkaloid from the Sponge <i>Stylissa</i> aff. <i>carteri</i> Collected off the Futuna Islands. <i>Journal of Natural Products</i> , 2020, 83, 2299-2304.	3.0	14
36	Reevaluation of the acute toxicity of palytoxin in mice: Determination of lethal dose 50 (LD50) and No-observed-adverse-effect level (NOAEL). <i>Toxicon</i> , 2020, 177, 16-24.	1.6	8

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37	Cyclophilins in Ischemic Heart Disease: Differences Between Acute and Chronic Coronary Artery Disease Patients. <i>Cardiology Research</i> , 2020, 11, 319-327.	1.1	9
38	Gracilin A Derivatives Target Early Events in Alzheimer's Disease: in Vitro Effects on Neuroinflammation and Oxidative Stress. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4102-4111.	3.5	14
39	LC-MS/MS Analysis of the Emerging Toxin Pinnatoxin-G and High Levels of Esterified OA Group Toxins in Galician Commercial Mussels. <i>Toxins</i> , 2019, 11, 394.	3.4	28
40	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. <i>Scientific Reports</i> , 2019, 9, 10576.	3.3	17
41	Acute Toxicity Assessment: Macroscopic and Ultrastructural Effects in Mice Treated with Oral Tetrodotoxin. <i>Toxins</i> , 2019, 11, 305.	3.4	11
42	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . <i>Marine Drugs</i> , 2019, 17, 319.	4.6	9
43	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	3.4	22
44	Detoxification agents based on magnetic nanostructured particles as a novel strategy for mycotoxin mitigation in food. <i>Food Chemistry</i> , 2019, 294, 60-66.	8.2	32
45	Simplified immunosuppressive and neuroprotective agents based on gracilin A. <i>Nature Chemistry</i> , 2019, 11, 342-350.	13.6	45
46	Structure and biological evaluation of new cyclic and acyclic laxaphycin-A type peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1966-1980.	3.0	21
47	First report of <i>Fusarium foetens</i> as a mycotoxin producer. <i>Mycotoxin Research</i> , 2019, 35, 177-186.	2.3	9
48	Structure Elucidation and Biological Evaluation of Maitotoxin-3, a Homologue of Gambierone, from <i>Gambierdiscus belizeanus</i> . <i>Toxins</i> , 2019, 11, 79.	3.4	39
49	Chronic In Vivo Effects of Repeated Exposure to Low Oral Doses of Tetrodotoxin: Preliminary Evidence of Nephrotoxicity and Cardiotoxicity. <i>Toxins</i> , 2019, 11, 96.	3.4	16
50	Caniferolide A, a Macrolide from <i>Streptomyces caniferus</i> , Attenuates Neuroinflammation, Oxidative Stress, Amyloid-Beta, and Tau Pathology in Vitro. <i>Molecular Pharmaceutics</i> , 2019, 16, 1456-1466.	4.6	28
51	Treasures from the Deep: Characellides as Anti-Inflammatory Lipoglycotriptides from the Sponge <i>Characella pachastrelloides</i> . <i>Organic Letters</i> , 2019, 21, 246-251.	4.6	12
52	A QuEChERS based extraction procedure coupled to UPLC-MS/MS detection for mycotoxins analysis in beer. <i>Food Chemistry</i> , 2019, 275, 703-710.	8.2	58
53	In Vitro Effects of Chronic Spirolide Treatment on Human Neuronal Stem Cell Differentiation and Cholinergic System Development. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1441-1452.	3.5	8
54	Molecular detection of harmful cyanobacteria and expression of their toxin genes in Dutch lakes using multi-probe RNA chips. <i>Harmful Algae</i> , 2018, 72, 25-35.	4.8	5

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55	The impact of depuration on mussel hepatopancreas bacteriome composition and predicted metagenome. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1117-1129.	1.7	13
56	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. <i>Talanta</i> , 2018, 178, 37-42.	5.5	17
57	Toxins: Neurotoxins. , 2018, , .		1
58	8. Isolation, characterization, and identification of mycotoxin-producing fungi. , 2018, , 202-245.		2
59	Transcriptomic Analysis of Ciguatoxin-Induced Changes in Gene Expression in Primary Cultures of Mice Cortical Neurons. <i>Toxins</i> , 2018, 10, 192.	3.4	10
60	Zoanthamine Alkaloids from the Zoantharian <i>Zoanthus</i> cf. <i>pulchellus</i> and Their Effects in Neuroinflammation. <i>Marine Drugs</i> , 2018, 16, 242.	4.6	17
61	Paralytic Shellfish Toxins Occurrence in Non-Traditional Invertebrate Vectors from North Atlantic Waters (Azores, Madeira, and Morocco). <i>Toxins</i> , 2018, 10, 362.	3.4	15
62	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. <i>Neuropharmacology</i> , 2018, 141, 283-295.	4.1	14
63	Modeling the OEC with Two New Biomimetic Models: Preparations, Structural Characterization, and Water Photolysis Studies of a Ba ²⁺ Mn Box Type Complex and a Mn ₄ N ₆ Planar-Diamond Cluster. <i>Catalysts</i> , 2018, 8, 382.	3.5	3
64	Toxic Action Reevaluation of Okadaic Acid, Dinophysistoxin-1 and Dinophysistoxin-2: Toxicity Equivalency Factors Based on the Oral Toxicity Study. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 743-757.	1.6	30
65	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
66	Structures and Activities of Tiahuramides A-C, Cyclic Depsipeptides from a Tahitian Collection of the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2018, 81, 1301-1310.	3.0	27
67	From Marine Origin to Therapeutics: The Antitumor Potential of Marine Algae-Derived Compounds. <i>Frontiers in Pharmacology</i> , 2018, 9, 777.	3.5	138
68	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
69	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
70	Improving zebrafish embryo xenotransplantation conditions by increasing incubation temperature and establishing a proliferation index with ZFtool. <i>BMC Cancer</i> , 2018, 18, 3.	2.6	44
71	Human Poisoning from Marine Toxins: Unknowns for Optimal Consumer Protection. <i>Toxins</i> , 2018, 10, 324.	3.4	104
72	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

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73	<i>Pilidium lythri</i> Is Associated with Bunch Rot of Grapevine (<i>Vitis vinifera</i>). American Journal of Enology and Viticulture, 2018, 69, 410-416.	1.7	1
74	Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid β Expression in Mice Brains: Implications in AD Pathology. ACS Chemical Neuroscience, 2017, 8, 1358-1367.	3.5	15
75	Characterization of the dinophysistoxin-2 acute oral toxicity in mice to define the Toxicity Equivalency Factor. Food and Chemical Toxicology, 2017, 102, 166-175.	3.6	19
76	The association of bacterial C9-based TTX-like compounds with <i>Prorocentrum minimum</i> opens new uncertainties about shellfish seafood safety. Scientific Reports, 2017, 7, 40880.	3.3	42
77	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. Toxicon, 2017, 129, 28-35.	1.6	11
78	Subacute immunotoxicity of the marine phycotoxin yessotoxin in rats. Toxicon, 2017, 129, 74-80.	1.6	8
79	Risks for public health related to the presence of tetrodotoxin (TTX) and TTX analogues in marine bivalves and gastropods. EFSA Journal, 2017, 15, e04752.	1.8	64
80	Evaluation of the Protective Effects of Sarains on H ₂ O ₂ -Induced Mitochondrial Dysfunction and Oxidative Stress in SH-SY5Y Neuroblastoma Cells. Neurotoxicity Research, 2017, 32, 368-380.	2.7	19
81	UPLC-MS-IT-TOF Identification of Circumdatins Produced by <i>Aspergillus ochraceus</i> . Journal of Agricultural and Food Chemistry, 2017, 65, 4843-4852.	5.2	12
82	The Marine Guanidine Alkaloid Crambescidin 816 Induces Calcium Influx and Cytotoxicity in Primary Cultures of Cortical Neurons through Glutamate Receptors. ACS Chemical Neuroscience, 2017, 8, 1609-1617.	3.5	16
83	Derivation of toxicity equivalency factors for marine biotoxins associated with Bivalve Molluscs. Trends in Food Science and Technology, 2017, 59, 15-24.	15.1	50
84	Absorption and Effect of Azaspiracid-1 Over the Human Intestinal Barrier. Cellular Physiology and Biochemistry, 2017, 43, 136-146.	1.6	14
85	Analytical challenges for regulated marine toxins. Detection methods. Current Opinion in Food Science, 2017, 18, 29-36.	8.0	25
86	First Identification of Palytoxin-Like Molecules in the Atlantic Coral Species <i>Palythoa canariensis</i> . Analytical Chemistry, 2017, 89, 7438-7446.	6.5	10
87	Monitoring of freshwater toxins in European environmental waters by using novel multi-detection methods. Environmental Toxicology and Chemistry, 2017, 36, 645-654.	4.3	21
88	Autumnalamide targeted proteins of the immunophilin family. Immunobiology, 2017, 222, 241-250.	1.9	3
89	In vivo cardiomyocyte response to YTX- and AZA-1-induced damage: autophagy versus apoptosis. Archives of Toxicology, 2017, 91, 1859-1870.	4.2	8
90	Acute Oral Toxicity of Tetrodotoxin in Mice: Determination of Lethal Dose 50 (LD50) and No Observed Adverse Effect Level (NOAEL). Toxins, 2017, 9, 75.	3.4	43

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91	Analysis of natural toxins by liquid chromatography. , 2017, , 479-514.		3
92	Liquid Chromatography with a Fluorimetric Detection Method for Analysis of Paralytic Shellfish Toxins and Tetrodotoxin Based on a Porous Graphitic Carbon Column. Toxins, 2016, 8, 196.	3.4	32
93	Evaluation of the Antioxidant Activity of the Marine Pyrroloiminoquinone Makaluvamines. Marine Drugs, 2016, 14, 197.	4.6	16
94	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, 2016, 8, 11.	3.4	10
95	Heart Alterations after Domoic Acid Administration in Rats. Toxins, 2016, 8, 68.	3.4	12
96	Evaluation of the Impact of Mild Steaming and Heat Treatment on the Concentration of Okadaic Acid, Dinophysistoxin-2 and Dinophysistoxin-3 in Mussels. Toxins, 2016, 8, 175.	3.4	8
97	How Safe Is Safe for Marine Toxins Monitoring?. Toxins, 2016, 8, 208.	3.4	20
98	Spongionella Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. Frontiers in Immunology, 2016, 7, 452.	4.8	11
99	Yessotoxin, a Promising Therapeutic Tool. Marine Drugs, 2016, 14, 30.	4.6	36
100	Cytotoxicity of goniodomin A and B in non contractile cells. Toxicology Letters, 2016, 250-251, 10-20.	0.8	17
101	Subacute Cardiotoxicity of Yessotoxin: <i>In Vitro</i> and <i>in Vivo</i> Studies. Chemical Research in Toxicology, 2016, 29, 981-990.	3.3	13
102	Identification of Spongionella compounds as cyclosporine A mimics. Pharmacological Research, 2016, 107, 407-414.	7.1	15
103	An overview of the effective combination therapies for the treatment of breast cancer. Biomaterials, 2016, 97, 34-50.	11.4	117
104	Evaluation of toxicity equivalent factors of paralytic shellfish poisoning toxins in seven human sodium channels types by an automated high throughput electrophysiology system. Archives of Toxicology, 2016, 90, 479-488.	4.2	37
105	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
106	Subacute Cardiovascular Toxicity of the Marine Phycotoxin Azaspiracid-1 in Rats. Toxicological Sciences, 2016, 151, 104-114.	3.1	22
107	Toxicological Perspective on Climate Change: Aquatic Toxins. Chemical Research in Toxicology, 2016, 29, 619-625.	3.3	58
108	Detection of palytoxin-like compounds by a flow cytometry-based immunoassay supported by functional and analytical methods. Analytica Chimica Acta, 2016, 903, 1-12.	5.4	13

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109	Yessotoxin, a Marine Toxin, Exhibits Anti-Allergic and Anti-Tumoural Activities Inhibiting Melanoma Tumour Growth in a Preclinical Model. PLoS ONE, 2016, 11, e0167572.	2.5	13
110	Marine guanidine alkaloids crambescidins inhibit tumor growth and activate intrinsic apoptotic signaling inducing tumor regression in a colorectal carcinoma zebrafish xenograft model. Oncotarget, 2016, 7, 83071-83087.	1.8	34
111	13. From science to policy: dynamic adaptation of legal regulations on aquatic biotoxins. , 2015, , 441-482.		3
112	Doseâ€‘response and histopathological study, with special attention to the hypophysis, of the differential effects of domoic acid on rats and mice. Microscopy Research and Technique, 2015, 78, 396-403.	2.2	5
113	Spongionella Secondary Metabolites Regulate Store Operated Calcium Entry Modulating Mitochondrial Functioning in SH-SY5Y Neuroblastoma Cells. Cellular Physiology and Biochemistry, 2015, 37, 779-792.	1.6	16
114	Crambescin C1 Exerts a Cytoprotective Effect on HepG2 Cells through Metallothionein Induction. Marine Drugs, 2015, 13, 4633-4653.	4.6	11
115	First Report of Ciguatoxins in Two Starfish Species: Ophidiaster ophidianus and Marthasterias glacialis. Toxins, 2015, 7, 3740-3757.	3.4	51
116	Study of Adsorption and Flocculation Properties of Natural Clays to Remove Prorocentrum lima. Toxins, 2015, 7, 3977-3988.	3.4	12
117	New Invertebrate Vectors of Okadaic Acid from the North Atlantic Watersâ€‘Portugal (Azores and) Tj ETQq1 1 0.784314 rgBT /Overlo	3.4	8
118	Isolation and Synthesis of Laxaphycin B-Type Peptides: A Case Study and Clues to Their Biosynthesis. Marine Drugs, 2015, 13, 7285-7300.	4.6	23
119	Different toxic effects of YTX in tumor K-562 and lymphoblastoid cell lines. Frontiers in Pharmacology, 2015, 6, 124.	3.5	5
120	Potassium currents inhibition by gambierol analogs prevents human T lymphocyte activation. Archives of Toxicology, 2015, 89, 1119-1134.	4.2	15
121	Chronic Ciguatoxin Treatment Induces Synaptic Scaling through Voltage Gated Sodium Channels in Cortical Neurons. Chemical Research in Toxicology, 2015, 28, 1109-1119.	3.3	16
122	Yessotoxin activates cell death pathways independent of Protein Kinase C in K-562 human leukemic cell line. Toxicology in Vitro, 2015, 29, 1545-1554.	2.4	5
123	First Detection of Tetrodotoxin in Greek Shellfish by UPLC-MS/MS Potentially Linked to the Presence of the Dinoflagellate Prorocentrum minimum. Toxins, 2015, 7, 1779-1807.	3.4	131
124	Emergent Toxins in North Atlantic Temperate Waters: A Challenge for Monitoring Programs and Legislation. Toxins, 2015, 7, 859-885.	3.4	33
125	Role of Temperature and Pressure on the Multisensitive Multiferroic Dicyanamide Framework [TPrA][Mn(dca) ₃] with Perovskite-like Structure. Inorganic Chemistry, 2015, 54, 11680-11687.	4.0	70
126	12. Effects on world food production and security. , 2015, , 417-440.		0

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127	Key role of phosphodiesterase 4A (PDE4A) in autophagy triggered by yessotoxin. <i>Toxicology</i> , 2015, 329, 60-72.	4.2	20
128	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015, 93, 285-293.	4.1	54
129	Acute Cardiotoxicity Evaluation of the Marine Biotoxins OA, DTX-1 and YTX. <i>Toxins</i> , 2015, 7, 1030-1047.	3.4	29
130	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
131	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
132	Synthetic Ciguatera CTX 3C Induces a Rapid Imbalance in Neuronal Excitability. <i>Chemical Research in Toxicology</i> , 2015, 28, 1095-1108.	3.3	16
133	Brain Pathology in Adult Rats Treated With Domoic Acid. <i>Veterinary Pathology</i> , 2015, 52, 1077-1086.	1.7	14
134	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
135	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
136	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015, 17, 2392-2395.	4.6	60
137	The Streptomyces metabolite anhydroexfoliamycin ameliorates hallmarks of Alzheimer's disease in vitro and in vivo. <i>Neuroscience</i> , 2015, 305, 26-35.	2.3	28
138	Bromoalkaloids Protect Primary Cortical Neurons from Induced Oxidative Stress. <i>ACS Chemical Neuroscience</i> , 2015, 6, 331-338.	3.5	15
139	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
140	8 Considerations about international mycotoxin legislation, food security, and climate change. , 2015, , 153-180.		2
141	Spongionella Secondary Metabolites Protect Mitochondrial Function in Cortical Neurons against Oxidative Stress. <i>Marine Drugs</i> , 2014, 12, 700-718.	4.6	36
142	Evolving to the optoelectronic mouse for phycotoxin analysis in shellfish. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6867-6881.	3.7	19
143	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
144	Surface Plasmon Resonance Biosensor Method for Palytoxin Detection Based on Na ⁺ ,K ⁺ -ATPase Affinity. <i>Toxins</i> , 2014, 6, 96-107.	3.4	16

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145	Different Role of cAMP Pathway on the Human Mast Cells HMC-1 and HMC-16 Activation. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 896-909.	2.6	3
146	In vitro chronic effects on hERG channel caused by the marine biotoxin azaspiracid-2. <i>Toxicon</i> , 2014, 91, 69-75.	1.6	16
147	Toxin profile in samples collected in fresh and brackish water in Germany. <i>Toxicon</i> , 2014, 91, 35-44.	1.6	15
148	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014, 8, 1-33.	0.4	7
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