

# Amparo R Alfonso

## List of Publications by Year in descending order

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167  
papers

4,485  
citations

94433

37  
h-index

161849

54  
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193  
all docs

193  
docs citations

193  
times ranked

3387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effects of fluorophore-labelled manganese complexes: Determination of ROS production, mitochondrial membrane potential and confocal fluorescence microscopy studies in neuroblastoma cells. <i>Journal of Inorganic Biochemistry</i> , 2022, 227, 111670.	3.5	9
2	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
3	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
4	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
5	Loliolide, a New Therapeutic Option for Neurological Diseases? In Vitro Neuroprotective and Anti-Inflammatory Activities of a Monoterpenoid Lactone Isolated from <i>Codium tomentosum</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1888.	4.1	33
6	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from <i>Sphaerococcus coronopifolius</i> . <i>Molecules</i> , 2021, 26, 1374.	3.8	3
7	Crosstalk between cyclophilins and T lymphocytes in coronary artery disease. <i>Experimental Cell Research</i> , 2021, 400, 112514.	2.6	13
8	Cyclophilins A, B, and C Role in Human T Lymphocytes Upon Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 609196.	4.8	12
9	Disclosing the potential of eleganolone for Parkinson's disease therapeutics: Neuroprotective and anti-inflammatory activities. <i>Pharmacological Research</i> , 2021, 168, 105589.	7.1	9
10	Anhydroexfoliamycin, a <i>Streptomyces</i> Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2336-2346.	3.5	7
11	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
12	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
13	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
14	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
15	Combined Effect of Caspase-Dependent and Caspase-Independent Apoptosis in the Anticancer Activity of Gold Complexes with Phosphine and Benzimidazole Derivatives. <i>Pharmaceuticals</i> , 2021, 14, 10.	3.8	8
16	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 603-615.	3.3	11
17	Salen-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
18	Neuroprotective Effects of Apple-Derived Drinks in a Mice Model of Inflammation. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901017.	3.3	7

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19	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
20	Natural Approaches for Neurological Disorders – The Neuroprotective Potential of <i>Codium tomentosum</i> . <i>Molecules</i> , 2020, 25, 5478.	3.8	12
21	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020, 256, 127019.	8.2	14
22	Futunamine, a Pyrrole-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
23	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
24	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
25	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. <i>Scientific Reports</i> , 2019, 9, 10576.	3.3	17
26	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . <i>Marine Drugs</i> , 2019, 17, 319.	4.6	9
27	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese) Tj ETQq1 1 0.784314 rgBT / Overlock	3.4	22
28	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
29	Simplified immunosuppressive and neuroprotective agents based on gracilin A. <i>Nature Chemistry</i> , 2019, 11, 342-350.	13.6	45
30	First report of <i>Fusarium foetens</i> as a mycotoxin producer. <i>Mycotoxin Research</i> , 2019, 35, 177-186.	2.3	9
31	Antioxidant and Neuroprotective Potential of the Brown Seaweed <i>Bifurcaria bifurcata</i> in an in vitro Parkinson's Disease Model. <i>Marine Drugs</i> , 2019, 17, 85.	4.6	59
32	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
33	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
34	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
35	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
36	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. <i>Talanta</i> , 2018, 178, 37-42.	5.5	17

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37	Toxins: Neurotoxins. , 2018, , .		1
38	2. Analytical instrumentation and principles. , 2018, , 17-57.		0
39	Zoanthamine Alkaloids from the Zoantharian Zoanthus cf. pulchellus and Their Effects in Neuroinflammation. Marine Drugs, 2018, 16, 242.	4.6	17
40	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. Neuropharmacology, 2018, 141, 283-295.	4.1	14
41	Synergistic Effect of Transient Receptor Potential Antagonist and Amiloride against Maitotoxin Induced Calcium Increase and Cytotoxicity in Human Neuronal Stem Cells. ACS Chemical Neuroscience, 2018, 9, 2667-2678.	3.5	5
42	A single run UPLC-MS/MS method for detection of all EU-regulated marine toxins. Talanta, 2018, 189, 622-628.	5.5	41
43	Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid $\beta$ Expression in Mice Brains: Implications in AD Pathology. ACS Chemical Neuroscience, 2017, 8, 1358-1367.	3.5	15
44	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
45	The association of bacterial C9-based TTX-like compounds with Proocentrum minimum opens new uncertainties about shellfish seafood safety. Scientific Reports, 2017, 7, 40880.	3.3	42
46	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
47	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
48	Analytical challenges for regulated marine toxins. Detection methods. Current Opinion in Food Science, 2017, 18, 29-36.	8.0	25
49	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
50	Autumnalamide targeted proteins of the immunophilin family. Immunobiology, 2017, 222, 241-250.	1.9	3
51	Analysis of natural toxins by liquid chromatography. , 2017, , 479-514.		3
52	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
53	How Safe Is Safe for Marine Toxins Monitoring?. Toxins, 2016, 8, 208.	3.4	20
54	Spongionella Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. Frontiers in Immunology, 2016, 7, 452.	4.8	11

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55	Yessotoxin, a Promising Therapeutic Tool. <i>Marine Drugs</i> , 2016, 14, 30.	4.6	36
56	Identification of Spongionella compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016, 107, 407-414.	7.1	15
57	An overview of the effective combination therapies for the treatment of breast cancer. <i>Biomaterials</i> , 2016, 97, 34-50.	11.4	117
58	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
59	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
60	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
61	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
62	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
63	Different toxic effects of YTX in tumor K-562 and lymphoblastoid cell lines. <i>Frontiers in Pharmacology</i> , 2015, 6, 124.	3.5	5
64	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
65	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
66	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015, 93, 285-293.	4.1	54
67	C-kit mutations determine dasatinib mechanism of action in HMC-1 neoplastic mast cells: dasatinib differently regulates PKC $\zeta$ translocation in HMC-1560 and HMC-1560,816 cell lines. <i>Immunopharmacology and Immunotoxicology</i> , 2015, 37, 380-387.	2.4	4
68	Cross-talks between c-Kit and PKC isoforms in HMC-1560 and HMC-1560,816 cells. Different role of PKC $\zeta$ in each cellular line. <i>Cellular Immunology</i> , 2015, 293, 104-112.	3.0	5
69	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
70	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015, 17, 2392-2395.	4.6	60
71	Spongionella Secondary Metabolites Protect Mitochondrial Function in Cortical Neurons against Oxidative Stress. <i>Marine Drugs</i> , 2014, 12, 700-718.	4.6	36
72	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

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73	Surface Plasmon Resonance Biosensor Method for Palytoxin Detection Based on Na <sup>+</sup> ,K <sup>+</sup> -ATPase Affinity. <i>Toxins</i> , 2014, 6, 96-107.	3.4	16
74	Different Role of cAMP Pathway on the Human Mast Cells HMC-1 <sup>560</sup> and HMC-1 <sup>560,816</sup> Activation. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 896-909.	2.6	3
75	Toxin profile in samples collected in fresh and brackish water in Germany. <i>Toxicon</i> , 2014, 91, 35-44.	1.6	15
76	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014, 8, 1-33.	0.4	7
77	Mitigation of ROS Insults by Streptomyces Secondary Metabolites in Primary Cortical Neurons. <i>ACS Chemical Neuroscience</i> , 2014, 5, 71-80.	3.5	31
78	Multi-detection method for five common microalgal toxins based on the use of microspheres coupled to a flow-cytometry system. <i>Analytica Chimica Acta</i> , 2014, 850, 57-64.	5.4	25
79	Autumnalamide, a Prenylated Cyclic Peptide from the Cyanobacterium <i>Phormidium autumnale</i> , Acts on SH-SY5Y Cells at the Mitochondrial Level. <i>Journal of Natural Products</i> , 2014, 77, 2196-2205.	3.0	9
80	Role of AKAP 149-PKA-PDE4A complex in cell survival and cell differentiation processes. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 89-101.	2.8	15
81	PKC potentiates tyrosine kinase inhibitors STI571 and dasatinib cytotoxic effect. <i>Anticancer Research</i> , 2014, 34, 3347-56.	1.1	6
82	Bioengineered protein phosphatase 2A. <i>Bioengineered</i> , 2013, 4, 72-77.	3.2	2
83	Current situation on analysis of marine toxins. <i>Reviews in Analytical Chemistry</i> , 2013, 32, 15-34.	3.2	12
84	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
85	New Invertebrate Vectors for PST, Spirolides and Okadaic Acid in the North Atlantic. <i>Marine Drugs</i> , 2013, 11, 1936-1960.	4.6	31
86	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
87	Protein Kinase C Modulates Aurora-kinase Inhibition Induced by CCT129202 in HMC-1560,816 Cell Line. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013, 12, 265-276.	1.1	6
88	New Gastropod Vectors and Tetrodotoxin Potential Expansion in Temperate Waters of the Atlantic Ocean. <i>Marine Drugs</i> , 2012, 10, 712-726.	4.6	90
89	Role of yessotoxin in calcium and cAMP-crosstalks in primary and 562 human lymphocytes: The effect is mediated by Anchor kinase a mitochondrial proteins. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3752-3761.	2.6	15
90	Pharmacokinetic and toxicological data of spirolides after oral and intraperitoneal administration. <i>Food and Chemical Toxicology</i> , 2012, 50, 232-237.	3.6	42

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91	Response to Comments on "Effect of Uncontrolled Factors in a Validated Liquid Chromatography-Tandem Mass Spectrometry Method Question Its Use as a Reference Method for Marine Toxins: Major Causes for Concern" Analytical Chemistry, 2012, 84, 481-483.	6.5	4
92	Characterization and Activity Determination of the Human Protein Phosphatase 2A Catalytic Subunit Expressed in Insect Larvae. Applied Biochemistry and Biotechnology, 2012, 167, 918-928.	2.9	7
93	Palytoxin detection and quantification using the fluorescence polarization technique. Analytical Biochemistry, 2012, 424, 64-70.	2.4	20
94	Liquid chromatography-mass spectrometry method to detect Tetrodotoxin and Its analogues in the puffer fish <i>Lagocephalus sceleratus</i> (Gmelin, 1789) from European waters. Food Chemistry, 2012, 132, 1103-1111.	8.2	75
95	Use of Biosensors as Alternatives to Current Regulatory Methods for Marine Biotoxins. Springer Protocols, 2012, , 219-242.	0.3	1
96	A Comparative Study of the Effect of Ciguatoxins on Voltage-Dependent Na <sup>+</sup> and K <sup>+</sup> Channels in Cerebellar Neurons. Chemical Research in Toxicology, 2011, 24, 587-596.	3.3	31
97	Effect of Uncontrolled Factors in a Validated Liquid Chromatography-Tandem Mass Spectrometry Method Question Its Use As a Reference Method for Marine Toxins: Major Causes for Concern. Analytical Chemistry, 2011, 83, 5903-5911.	6.5	36
98	Palytoxins and cytoskeleton: An overview. Toxicon, 2011, 57, 460-469.	1.6	36
99	Study of solid phase adsorption of paralytic shellfish poisoning toxins (PSP) onto different resins. Harmful Algae, 2011, 10, 447-455.	4.8	21
100	13-Desmethyl spirolide-c and 13,19-didesmethyl spirolide-c trans-epithelial permeabilities: Human intestinal permeability modelling. Toxicology, 2011, 287, 69-75.	4.2	22
101	First direct fluorescence polarization assay for the detection and quantification of spirolides in mussel samples. Analytica Chimica Acta, 2011, 701, 200-208.	5.4	32
102	Cdk1 mutations and PKC crosstalks: PKC translocates to nucleus only in cells HMC <sup>560,816</sup> . Journal of Cellular Biochemistry, 2011, 112, 2637-2651.	2.6	8
103	Effects of environmental regimens on the toxin profile of <i>Alexandrium ostenfeldii</i> . Environmental Toxicology and Chemistry, 2010, 29, 301-310.	4.3	37
104	New protocol to obtain spirolides from <i>Alexandrium ostenfeldii</i> cultures with high recovery and purity. Biomedical Chromatography, 2010, 24, 878-886.	1.7	15
105	The problem of toxicity equivalent factors in developing alternative methods to animal bioassays for marine-toxin detection. TrAC - Trends in Analytical Chemistry, 2010, 29, 1316-1325.	11.4	42
106	The methyl ester of okadaic acid is more potent than okadaic acid in disrupting the actin cytoskeleton and metabolism of primary cultured hepatocytes. British Journal of Pharmacology, 2010, 159, 337-344.	5.4	42
107	Decrease of marine toxin content in bivalves by industrial processes. Toxicon, 2010, 55, 235-243.	1.6	39
108	Cytotoxic effect of palytoxin on mussel. Toxicon, 2010, 56, 842-847.	1.6	25

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109	Comparative analysis of pre- and post-column oxidation methods for detection of paralytic shellfish toxins. <i>Toxicon</i> , 2010, 56, 448-457.	1.6	33
110	First Toxin Profile of Ciguateric Fish in Madeira Arquipelago (Europe). <i>Analytical Chemistry</i> , 2010, 82, 6032-6039.	6.5	121
111	Dynamics of co-occurring <i>Alexandrium minutum</i> (Global Clade) and <i>A. tamarense</i> (West European) (Dinophyceae) during a summer bloom in Cork Harbour, Ireland (2006). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 268-278.	1.4	18
112	Functional assays for marine toxins as an alternative, high-throughput-screening solution to animal tests. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 603-611.	11.4	38
113	Purification of five azaspiracids from mussel samples contaminated with DSP toxins and azaspiracids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 865, 133-140.	2.3	24
114	STI571 (Glivec®) affects histamine release and intracellular pH after alkalisation in HMC-1 cells. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 865-876.	2.6	7
115	Influence of the tyrosine kinase inhibitors STI571 (Glivec®), lavendustin A and genistein on human mast cell line (HMC-1) activation. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1076-1088.	2.6	7
116	The effect of rottlerin in calcium regulation in HMC-1 cells is mediated by a PKC-independent effect. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 255-261.	2.6	1
117	First Toxicity Report of Tetrodotoxin and 5,6,11-TrideoxyTTX in the Trumpet Shell <i>Charonia lampas</i> in Europe. <i>Analytical Chemistry</i> , 2008, 80, 5622-5629.	6.5	141
118	Evaluation of Various pH and Temperature Conditions on the Stability of Azaspiracids and Their Importance in Preparative Isolation and Toxicological Studies. <i>Analytical Chemistry</i> , 2008, 80, 9672-9680.	6.5	28
119	In Vitro and in Vivo Evaluation of Paralytic Shellfish Poisoning Toxin Potency and the Influence of the pH of Extraction. <i>Analytical Chemistry</i> , 2008, 80, 1770-1776.	6.5	67
120	Study of the neuronal effects of ouabain and palytoxin and their binding to Na,K-ATPases using an optical biosensor. <i>Toxicon</i> , 2007, 50, 541-552.	1.6	22
121	Effects of Azaspiracid-1, A Potent Cytotoxic Agent, on Primary Neuronal Cultures. A Structure-Activity Relationship Study. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 356-363.	6.4	58
122	Extraction and cleaning methods to detect yessotoxins in contaminated mussels. <i>Analytical Biochemistry</i> , 2007, 363, 228-238.	2.4	21
123	Study of the Interaction between Different Phosphodiesterases and Yessotoxin Using a Resonant Mirror Biosensor. <i>Chemical Research in Toxicology</i> , 2006, 19, 794-800.	3.3	33
124	Azaspiracids modulate intracellular pH levels in human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1091-1099.	2.1	36
125	Calcium-pH Crosstalks in the human mast cell line HMC-1: Intracellular alkalization activates calcium extrusion through the plasma membrane Ca <sup>2+</sup> -ATPase. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1397-1408.	2.6	6
126	Modulation of calcium entry and glutamate release in cultured cerebellar granule cells by palytoxin. <i>Journal of Neuroscience Research</i> , 2006, 83, 1393-1406.	2.9	36



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127	Role of the plasma membrane calcium adenosine triphosphatase on domoate-induced intracellular acidification in primary cultures of cerebellar granule cells. <i>Journal of Neuroscience Research</i> , 2006, 84, 326-337.	2.9	15
128	Quantification of yessotoxin using the fluorescence polarization technique and study of the adequate extraction procedure. <i>Analytical Biochemistry</i> , 2005, 344, 266-274.	2.4	39
129	Azaspiracid-4 inhibits Ca <sup>2+</sup> entry by stored operated channels in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2005, 69, 1627-1636.	4.4	55
130	Kinetic Analysis of the Interaction between Yessotoxin and Analogues and Immobilized Phosphodiesterases Using a Resonant Mirror Optical Biosensor. <i>Chemical Research in Toxicology</i> , 2005, 18, 1155-1160.	3.3	39
131	A rapid microplate fluorescence method to detect yessotoxins based on their capacity to activate phosphodiesterases. <i>Analytical Biochemistry</i> , 2004, 326, 93-99.	2.4	30
132	Resonant mirror biosensor detection method based on yessotoxin-phosphodiesterase interactions. <i>Analytical Biochemistry</i> , 2004, 335, 112-118.	2.4	45
133	Effects of Azaspiracids 2 and 3 on Intracellular cAMP, [Ca <sup>2+</sup> ], and pH. <i>Chemical Research in Toxicology</i> , 2004, 17, 1338-1349.	3.3	46
134	Yessotoxin, a novel phycotoxin, activates phosphodiesterase activity. <i>Biochemical Pharmacology</i> , 2003, 65, 193-208.	4.4	109
135	Dimethylsphingosine increases cytosolic calcium and intracellular pH in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2003, 65, 465-478.	4.4	14
136	Characterization of F-actin depolymerization as a major toxic event induced by pectenotoxin-6 in neuroblastoma cells. <i>Biochemical Pharmacology</i> , 2002, 63, 1979-1988.	4.4	74
137	Azaspiracid-1, a potent, nonapoptotic new phycotoxin with several cell targets. <i>Cellular Signalling</i> , 2002, 14, 703-716.	3.6	72
138	Confocal microscopy study of the different patterns of 2-NBDG uptake in rabbit enterocytes in the apical and basal zone. <i>Pflügers Archiv European Journal of Physiology</i> , 2001, 443, 234-239.	2.8	19
139	Pyrazolopyrimidines: synthesis, effect on histamine release from rat peritoneal mast cells and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 321-332.	5.5	31
140	Modulation of cytosolic calcium levels of human lymphocytes by yessotoxin, a novel marine phycotoxin. <i>Biochemical Pharmacology</i> , 2001, 61, 827-833.	4.4	109
141	Ouabain-induced enhancement of rat mast cells response. <i>Cellular Signalling</i> , 2001, 13, 515-524.	3.6	16
142	Maitotoxin-induced calcium entry in human lymphocytes. <i>Cellular Signalling</i> , 2001, 13, 711-716.	3.6	47
143	Prolactin induces calcium influx and release from intracellular pools in human T lymphocytes by activation of tyrosine kinases. <i>Cellular Signalling</i> , 2001, 13, 819-826.	3.6	6
144	Functional compartments in rat mast cells for cAMP and calcium on histamine release. <i>Cellular Signalling</i> , 2000, 12, 343-350.	3.6	64

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145	Crosstalk between cytosolic pH and intracellular calcium in human lymphocytes. Cellular Signalling, 2000, 12, 573-581.	3.6	17
146	Hypertonicity-induced intracellular pH changes in rat mast cells. Life Sciences, 2000, 67, 1969-1982.	4.3	4
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