

Amparo R Alfonso

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.

185
papers

3,506
citations

33
h-index

48
g-index

193
ext. papers

3,992
ext. citations

5.1
avg, IF

5.03
L-index

#	Paper	IF	Citations
185	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	5.8	3
184	Disclosing the antitumour potential of the marine bromoditerpene sphaerococcenol A on distinct cancer cellular models.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112886	7.5	0
183	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> , 2021 , 227, 111670	4.2	0
182	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	5.7	1
181	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from. <i>Molecules</i> , 2021 , 26,	4.8	1
180	Crosstalk between cyclophilins and T lymphocytes in coronary artery disease. <i>Experimental Cell Research</i> , 2021 , 400, 112514	4.2	2
179	Cyclophilins A, B, and C Role in Human T Lymphocytes Upon Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2021 , 12, 609196	8.4	2
178	Disclosing the potential of eleganolone for Parkinson's disease therapeutics: Neuroprotective and anti-inflammatory activities. <i>Pharmacological Research</i> , 2021 , 168, 105589	10.2	2
177	Anhydroexfoliamycin, a Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 2336-2346	5.7	2
176	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	3.5	2
175	Loliolide, a New Therapeutic Option for Neurological Diseases? In Vitro Neuroprotective and Anti-Inflammatory Activities of a Monoterpenoid Lactone Isolated from. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
174	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	4.7	2
173	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	8.5	16
172	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020 , 256, 127019	8.4	7
171	Futunamine, a Pyrrole-Imidazole Alkaloid from the Sponge aff. Collected off the Futuna Islands. <i>Journal of Natural Products</i> , 2020 , 83, 2299-2304	4.9	6
170	Cyclophilins in Ischemic Heart Disease: Differences Between Acute and Chronic Coronary Artery Disease Patients. <i>Cardiology Research</i> , 2020 , 11, 319-327	1.8	3
169	Combined Effect of Caspase-Dependent and Caspase-Independent Apoptosis in the Anticancer Activity of Gold Complexes with Phosphine and Benzimidazole Derivatives. <i>Pharmaceuticals</i> , 2020 , 14,	5.2	6

168	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 603-615	4.6	5
167	Salen-manganese complexes for controlling ROS damage: Neuroprotective effects, antioxidant activity and kinetic studies. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110918	4.2	3
166	Neuroprotective Effects of Apple-Derived Drinks in a Mice Model of Inflammation. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901017	5.9	3
165	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	6.7	3
164	Natural Approaches for Neurological Disorders-The Neuroprotective Potential of. <i>Molecules</i> , 2020 , 25,	4.8	6
163	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge. <i>Marine Drugs</i> , 2019 , 17,	6	4
162	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese Maritime Territory, and Morocco Coast). <i>Toxins</i> , 2019 , 11,	4.9	8
161	Detoxification agents based on magnetic nanostructured particles as a novel strategy for mycotoxin mitigation in food. <i>Food Chemistry</i> , 2019 , 294, 60-66	8.5	23
160	Simplified immunosuppressive and neuroprotective agents based on gracilin A. <i>Nature Chemistry</i> , 2019 , 11, 342-350	17.6	23
159	First report of <i>Fusarium foetens</i> as a mycotoxin producer. <i>Mycotoxin Research</i> , 2019 , 35, 177-186	4	2
158	Antioxidant and Neuroprotective Potential of the Brown Seaweed in an in vitro Parkinson's Disease Model. <i>Marine Drugs</i> , 2019 , 17,	6	39
157	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	5.7	7
156	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. <i>Scientific Reports</i> , 2019 , 9, 10576	4.9	7
155	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	5.6	16
154	Treasures from the Deep: Characellides as Anti-Inflammatory Lipoglycotriptides from the Sponge <i>Characella pachastrelloides</i> . <i>Organic Letters</i> , 2019 , 21, 246-251	6.2	8
153	A QuEChERS based extraction procedure coupled to UPLC-MS/MS detection for mycotoxins analysis in beer. <i>Food Chemistry</i> , 2019 , 275, 703-710	8.5	31
152	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	5.3	1
151	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. <i>Talanta</i> , 2018 , 178, 37-42	6.2	11

150	A single run UPLC-MS/MS method for detection of all EU-regulated marine toxins. <i>Talanta</i> , 2018 , 189, 622-628	6.2	20
149	2. Analytical instrumentation and principles 2018 , 17-57		
148	Zoanthamine Alkaloids from the Zoantharian cf. and Their Effects in Neuroinflammation. <i>Marine Drugs</i> , 2018 , 16,	6	14
147	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. <i>Neuropharmacology</i> , 2018 , 141, 283-295	5.5	9
146	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	5.7	3
145	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	5.7	13
144	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	4.7	14
143	The association of bacterial C-based TTX-like compounds with <i>Prorocentrum minimum</i> opens new uncertainties about shellfish seafood safety. <i>Scientific Reports</i> , 2017 , 7, 40880	4.9	28
142	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	5.7	8
141	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	5.7	12
140	Analysis of natural toxins by liquid chromatography 2017 , 479-514		2
139	Determination of Saxitoxin, Tetrodotoxin and Common Phycotoxins 2017 , 431-468		
138	Analytical challenges for regulated marine toxins. Detection methods. <i>Current Opinion in Food Science</i> , 2017 , 18, 29-36	9.8	13
137	Monitoring of freshwater toxins in European environmental waters by using novel multi-detection methods. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 645-654	3.8	19
136	Autumnalamide targeted proteins of the immunophilin family. <i>Immunobiology</i> , 2017 , 222, 241-250	3.4	2
135	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, 479-88	5.8	28
134	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	3.7	8
133	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,	4.9	7

132	How Safe Is Safe for Marine Toxins Monitoring?. <i>Toxins</i> , 2016 , 8,	4.9	16
131	Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. <i>Frontiers in Immunology</i> , 2016 , 7, 452	8.4	9
130	Yessotoxin, a Promising Therapeutic Tool. <i>Marine Drugs</i> , 2016 , 14,	6	21
129	Identification of Spongionella compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016 , 107, 407-414	10.2	13
128	An overview of the effective combination therapies for the treatment of breast cancer. <i>Biomaterials</i> , 2016 , 97, 34-50	15.6	87
127	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015 , 93, 285-93	5.5	45
126	C-kit mutations determine dasatinib mechanism of action in HMC-1 neoplastic mast cells: dasatinib differently regulates PKC ζ translocation in HMC-1(560) and HMC-1(560,816) cell lines. <i>Immunopharmacology and Immunotoxicology</i> , 2015 , 37, 380-7	3.2	4
125	Cross-talks between c-Kit and PKC isoforms in HMC-1(560) and HMC-1(560,816) cells. Different role of PKC ζ in each cellular line. <i>Cellular Immunology</i> , 2015 , 293, 104-12	4.4	4
124	Influence of different shellfish matrices on the separation of PSP toxins using a postcolumn oxidation liquid chromatography method. <i>Toxins</i> , 2015 , 7, 1324-40	4.9	8
123	Marine toxins and climate change: the case of PSP from cyanobacteria in coastal lagoons 2015 , 239-253		1
122	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015 , 17, 2392-5	6.2	48
121	Microalgae as a source of nutraceuticals 2015 , 255-291		7
120	Ichthyotoxins 2015 , 407-461		
119	Diversity of organic structures of marine microbial origin with drug potential 2015 , 361-380		1
118	Spongionella Secondary Metabolites Regulate Store Operated Calcium Entry Modulating Mitochondrial Functioning in SH-SY5Y Neuroblastoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2015 , 37, 779-92	3.9	12
117	First Report of Ciguatoxins in Two Starfish Species: <i>Ophidiaster ophidianus</i> and <i>Marthasterias glacialis</i> . <i>Toxins</i> , 2015 , 7, 3740-57	4.9	40
116	New Invertebrate Vectors of Okadaic Acid from the North Atlantic Waters--Portugal (Azores and Madeira) and Morocco. <i>Toxins</i> , 2015 , 7, 5337-47	4.9	7
115	Different toxic effects of YTX in tumor K-562 and lymphoblastoid cell lines. <i>Frontiers in Pharmacology</i> , 2015 , 6, 124	5.6	4

114	Pharmacology of ciguatoxins 2015 , 23-48		
113	Chemistry and analysis of PSP toxins 2015 , 69-84		
112	Yessotoxin activates cell death pathways independent of Protein Kinase C in K-562 human leukemic cell line. <i>Toxicology in Vitro</i> , 2015 , 29, 1545-54	3.6	5
111	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, 1779-807	4.9	91
110	Mitigation of ROS insults by <i>Streptomyces</i> secondary metabolites in primary cortical neurons. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 71-80	5.7	23
109	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	6.6	22
108	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, 2196-205	4.9	5
107	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	5.6	15
106	<i>Spongionella</i> secondary metabolites protect mitochondrial function in cortical neurons against oxidative stress. <i>Marine Drugs</i> , 2014 , 12, 700-18	6	29
105	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, 402-15	4.9	22
104	Different role of cAMP pathway on the human mast cells HMC-1(560) and HMC-1(560,816) activation. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 896-909	4.7	3
103	Toxin profile in samples collected in fresh and brackish water in Germany. <i>Toxicon</i> , 2014 , 91, 35-44	2.8	12
102	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014 , 8, 1-33	0.4	7
101	PKC potentiates tyrosine kinase inhibitors STI571 and dasatinib cytotoxic effect. <i>Anticancer Research</i> , 2014 , 34, 3347-56	2.3	4
100	Surface plasmon resonance biosensor method for palytoxin detection based on Na ⁺ ,K ⁺ -ATPase affinity. <i>Toxins</i> , 2013 , 6, 96-107	4.9	14
99	Bioengineered protein phosphatase 2A: update on need. <i>Bioengineered</i> , 2013 , 4, 72-7	5.7	2
98	Current situation on analysis of marine toxins. <i>Reviews in Analytical Chemistry</i> , 2013 , 32, 15-34	2.3	11
97	Oral toxicity of okadaic acid in mice: study of lethality, organ damage, distribution and effects on detoxifying gene expression. <i>Toxins</i> , 2013 , 5, 2093-108	4.9	25

96	New invertebrate vectors for PST, spirolides and okadaic acid in the North Atlantic. <i>Marine Drugs</i> , 2013 , 11, 1936-60	6	22
95	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, 279-89 ³		4 ⁰
94	Protein kinase C modulates Aurora-kinase inhibition induced by CCT129202 in HMC-1 cell line. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013 , 12, 265-76	2	5
93	Role of yessotoxin in calcium and cAMP-crosstalks in primary and K-562 human lymphocytes: the effect is mediated by anchor kinase A mitochondrial proteins. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 3752-61	4.7	12
92	Pharmacokinetic and toxicological data of spirolides after oral and intraperitoneal administration. <i>Food and Chemical Toxicology</i> , 2012 , 50, 232-7	4.7	33
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. <i>Analytical Chemistry</i> , 2012 , 84, 481-483	7.8	3
90	Characterization and activity determination of the human protein phosphatase 2A catalytic subunit expressed in insect larvae. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 918-28	3.2	5
89	Palytoxin detection and quantification using the fluorescence polarization technique. <i>Analytical Biochemistry</i> , 2012 , 424, 64-70	3.1	16
88	Liquid chromatography-mass spectrometry method to detect Tetrodotoxin and Its analogues in the puffer fish <i>Lagocephalus sceleratus</i> (Gmelin, 1789) from European waters. <i>Food Chemistry</i> , 2012 , 132, 1103-1111	8.5	59
87	New gastropod vectors and tetrodotoxin potential expansion in temperate waters of the Atlantic Ocean. <i>Marine Drugs</i> , 2012 , 10, 712-26	6	67
86	Use of Biosensors as Alternatives to Current Regulatory Methods for Marine Biotoxins. <i>Springer Protocols</i> , 2012 , 219-242	0.3	1
85	Palytoxins and cytoskeleton: An overview. <i>Toxicon</i> , 2011 , 57, 460-9	2.8	29
84	Study of solid phase adsorption of paralytic shellfish poisoning toxins (PSP) onto different resins. <i>Harmful Algae</i> , 2011 , 10, 447-455	5.3	18
83	13-Desmethyl spirolide-c and 13,19-didesmethyl spirolide-c trans-epithelial permeabilities: human intestinal permeability modelling. <i>Toxicology</i> , 2011 , 287, 69-75	4.4	19
82	First direct fluorescence polarization assay for the detection and quantification of spirolides in mussel samples. <i>Analytica Chimica Acta</i> , 2011 , 701, 200-8	6.6	29
81	C-kit mutations and PKC crosstalks: PKC translocates to nucleus only in cells HMC-1. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2637-51	4.7	7
80	A comparative study of the effect of ciguatoxins on voltage-dependent Na ⁺ and K ⁺ channels in cerebellar neurons. <i>Chemical Research in Toxicology</i> , 2011 , 24, 587-96	4	25
79	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. <i>Analytical Chemistry</i> , 2011 , 83, 5903-11	7.8	3 ⁰

78	The methyl ester of okadaic acid is more potent than okadaic acid in disrupting the actin cytoskeleton and metabolism of primary cultured hepatocytes. <i>British Journal of Pharmacology</i> , 2010 , 159, 337-44	8.6	35
77	Decrease of marine toxin content in bivalves by industrial processes. <i>Toxicon</i> , 2010 , 55, 235-43	2.8	30
76	Cytotoxic effect of palytoxin on mussel. <i>Toxicon</i> , 2010 , 56, 842-7	2.8	21
75	Comparative analysis of pre- and post-column oxidation methods for detection of paralytic shellfish toxins. <i>Toxicon</i> , 2010 , 56, 448-57	2.8	29
74	First toxin profile of ciguateric fish in Madeira Arquipelago (Europe). <i>Analytical Chemistry</i> , 2010 , 82, 6032-8	7.8	95
73	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	2.3	17
72	Effects of environmental regimens on the toxin profile of <i>Alexandrium ostenfeldii</i> . <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 301-310	3.8	33
71	New protocol to obtain spirolides from <i>Alexandrium ostenfeldii</i> cultures with high recovery and purity. <i>Biomedical Chromatography</i> , 2010 , 24, 878-86	1.7	13
70	The problem of toxicity equivalent factors in developing alternative methods to animal bioassays for marine-toxin detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 1316-1325	14.6	37
69	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	14.6	32
68	First toxicity report of tetrodotoxin and 5,6,11-trideoxyTTX in the trumpet shell <i>Charonia lampas</i> lampas in Europe. <i>Analytical Chemistry</i> , 2008 , 80, 5622-9	7.8	105
67	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, 9672-80	7.8	24
66	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, 1770-6	7.8	61
65	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, 133-40	3.2	20
64	STI571 (Glivec) affects histamine release and intracellular pH after alkalisation in HMC-1560, 816. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 865-76	4.7	7
63	Influence of the tyrosine kinase inhibitors STI571 (Glivec), lavendustin A and genistein on human mast cell line (HMC-1(560)) activation. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1076-88	4.7	6
62	The effect of rottlerin in calcium regulation in HMC-1(560) cells is mediated by a PKC-delta independent effect. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 255-61	4.7	1
61	Extraction and cleaning methods to detect yessotoxins in contaminated mussels. <i>Analytical Biochemistry</i> , 2007 , 363, 228-38	3.1	15

60	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, 541-52	2.8	20
59	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, 356-63	8.3	52
58	Calcium-pH crosstalks in the human mast cell line HMC-1: intracellular alkalinization activates calcium extrusion through the plasma membrane Ca ²⁺ -ATPase. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 1397-408	4.7	6
57	Modulation of calcium entry and glutamate release in cultured cerebellar granule cells by palytoxin. <i>Journal of Neuroscience Research</i> , 2006 , 83, 1393-406	4.4	32
56	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, 326-37	4.4	14
55	Study of the interaction between different phosphodiesterases and yessotoxin using a resonant mirror biosensor. <i>Chemical Research in Toxicology</i> , 2006 , 19, 794-800	4	29
54	Azaspiracids modulate intracellular pH levels in human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 1091-9	3.4	33
53	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, 1155-60	4	33
52	Quantification of yessotoxin using the fluorescence polarization technique and study of the adequate extraction procedure. <i>Analytical Biochemistry</i> , 2005 , 344, 266-74	3.1	33
51	Azaspiracid-4 inhibits Ca ²⁺ entry by stored operated channels in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2005 , 69, 1627-36	6	46
50	A rapid microplate fluorescence method to detect yessotoxins based on their capacity to activate phosphodiesterases. <i>Analytical Biochemistry</i> , 2004 , 326, 93-9	3.1	25
49	Resonant mirror biosensor detection method based on yessotoxin-phosphodiesterase interactions. <i>Analytical Biochemistry</i> , 2004 , 335, 112-8	3.1	39
48	Effects of Azaspiracids 2 and 3 on intracellular cAMP, [Ca ²⁺], and pH. <i>Chemical Research in Toxicology</i> , 2004 , 17, 1338-49	4	41
47	Yessotoxin, a novel phycotoxin, activates phosphodiesterase activity. Effect of yessotoxin on cAMP levels in human lymphocytes. <i>Biochemical Pharmacology</i> , 2003 , 65, 193-208	6	98
46	Dimethylsphingosine increases cytosolic calcium and intracellular pH in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2003 , 65, 465-78	6	13
45	Characterization of F-actin depolymerization as a major toxic event induced by pectenotoxin-6 in neuroblastoma cells. <i>Biochemical Pharmacology</i> , 2002 , 63, 1979-88	6	70
44	Azaspiracid-1, a potent, nonapoptotic new phycotoxin with several cell targets. <i>Cellular Signalling</i> , 2002 , 14, 703-16	4.9	63
43	Confocal microscopy study of the different patterns of 2-NBDG uptake in rabbit enterocytes in the apical and basal zone. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 443, 234-9	4.6	19

42	Pyrazolopyrimidines: synthesis, effect on histamine release from rat peritoneal mast cells and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 321-32	6.8	29
41	Modulation of cytosolic calcium levels of human lymphocytes by yessotoxin, a novel marine phycotoxin. <i>Biochemical Pharmacology</i> , 2001 , 61, 827-33	6	101
40	Ouabain-induced enhancement of rat mast cells response. Modulation by protein phosphorylation and intracellular pH. <i>Cellular Signalling</i> , 2001 , 13, 515-24	4.9	16
39	Maitotoxin-induced calcium entry in human lymphocytes: modulation by yessotoxin, Ca(2+) channel blockers and kinases. <i>Cellular Signalling</i> , 2001 , 13, 711-6	4.9	45
38	Prolactin induces calcium influx and release from intracellular pools in human T lymphocytes by activation of tyrosine kinases. <i>Cellular Signalling</i> , 2001 , 13, 819-26	4.9	6
37	Functional compartments in rat mast cells for cAMP and calcium on histamine release. <i>Cellular Signalling</i> , 2000 , 12, 343-50	4.9	59
36	Crosstalk between cytosolic pH and intracellular calcium in human lymphocytes: effect of 4-aminopyridin, ammonium chloride and ionomycin. <i>Cellular Signalling</i> , 2000 , 12, 573-81	4.9	17
35	Hypertonicity-induced intracellular pH changes in rat mast cells. <i>Life Sciences</i> , 2000 , 67, 1969-82	6.8	4
34	Characterization of the Na ⁺ /Ca ²⁺ exchanger on rat mast cells. Evidence for a functional role on the regulation of the cellular response. <i>Cellular Physiology and Biochemistry</i> , 1999 , 9, 53-71	3.9	12
33	Synthesis and antiallergic activity of pyridothienopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 1911-25	3.4	42
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