

Amparo R Alfonso

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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	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, 5622-9	7.8	105
184	Modulation of cytosolic calcium levels of human lymphocytes by yessotoxin, a novel marine phycotoxin. <i>Biochemical Pharmacology</i> , 2001 , 61, 827-33	6	101
183	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
182	First toxin profile of ciguateric fish in Madeira Arquipelago (Europe). <i>Analytical Chemistry</i> , 2010 , 82, 6032-9	7.8	95
181	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
180	An overview of the effective combination therapies for the treatment of breast cancer. <i>Biomaterials</i> , 2016 , 97, 34-50	15.6	87
179	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
178	New gastropod vectors and tetrodotoxin potential expansion in temperate waters of the Atlantic Ocean. <i>Marine Drugs</i> , 2012 , 10, 712-26	6	67
177	Azaspiracid-1, a potent, nonapoptotic new phycotoxin with several cell targets. <i>Cellular Signalling</i> , 2002 , 14, 703-16	4.9	63
176	Calcium pools, calcium entry, and cell growth. <i>Bioscience Reports</i> , 1996 , 16, 139-57	4.1	63
175	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
174	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
173	Functional compartments in rat mast cells for cAMP and calcium on histamine release. <i>Cellular Signalling</i> , 2000 , 12, 343-50	4.9	59
172	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
171	Solid-phase radioreceptor assay for paralytic shellfish toxins. <i>Analytical Biochemistry</i> , 1993 , 211, 87-93	3.1	51
170	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015 , 17, 2392-5	6.2	48
169	Azaspiracid-4 inhibits Ca ²⁺ entry by stored operated channels in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2005 , 69, 1627-36	6	46

168	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015 , 93, 285-93	5.5	45
167	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
166	Synthesis and antiallergic activity of pyridothienopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 1911-25	3.4	42
165	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
164	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
163	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		40
162	Antioxidant and Neuroprotective Potential of the Brown Seaweed in an in vitro Parkinson's Disease Model. <i>Marine Drugs</i> , 2019 , 17,	6	39
161	Resonant mirror biosensor detection method based on yessotoxin-phosphodiesterase interactions. <i>Analytical Biochemistry</i> , 2004 , 335, 112-8	3.1	39
160	Ca ²⁺ pools and cell growth: arachidonic acid induces recovery of cells growth-arrested by Ca ²⁺ pool depletion. <i>Journal of Biological Chemistry</i> , 1996 , 271, 883-8	5.4	39
159	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
158	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
157	Recovery of Ca ²⁺ pools and growth in Ca ²⁺ pool-depleted cells is mediated by specific epoxyeicosatrienoic acids derived from arachidonic acid. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29546-53	5.4	35
156	Synthesis, antihistaminic and cytotoxic activity of pyridothieno- and pyridodithienotriazines. <i>European Journal of Medicinal Chemistry</i> , 1998 , 33, 887-897	6.8	34
155	Pharmacokinetic and toxicological data of spirolides after oral and intraperitoneal administration. <i>Food and Chemical Toxicology</i> , 2012 , 50, 232-7	4.7	33
154	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
153	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
152	Azaspiracids modulate intracellular pH levels in human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 1091-9	3.4	33
151	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

150	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
149	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
148	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
147	Decrease of marine toxin content in bivalves by industrial processes. <i>Toxicon</i> , 2010 , 55, 235-43	2.8	30
146	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	30
145	A novel Ca ²⁺ entry mechanism is turned on during growth arrest induced by Ca ²⁺ pool depletion. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26790-3	5.4	30
144	Spongionella secondary metabolites protect mitochondrial function in cortical neurons against oxidative stress. <i>Marine Drugs</i> , 2014 , 12, 700-18	6	29
143	Palytoxins and cytoskeleton: An overview. <i>Toxicon</i> , 2011 , 57, 460-9	2.8	29
142	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
141	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
140	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
139	Pyrazolopyrimidines: synthesis, effect on histamine release from rat peritoneal mast cells and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 321-32	6.8	29
138	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
137	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
136	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
135	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
134	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
133	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

132	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
131	Simplified immunosuppressive and neuroprotective agents based on gracilin A. <i>Nature Chemistry</i> , 2019 , 11, 342-350	17.6	23
130	Mitigation of ROS insults by Streptomyces secondary metabolites in primary cortical neurons. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 71-80	5.7	23
129	Effect of signal transduction pathways on the action of thapsigargin on rat mast cells. Crosstalks between cellular signalling and cytosolic pH. <i>Biochemical Pharmacology</i> , 1994 , 47, 1813-20	6	23
128	Influence of protein kinase C, cAMP and phosphatase activity on histamine release produced by compound 48/80 and sodium fluoride on rat mast cells. <i>Agents and Actions</i> , 1992 , 37, 1-7		23
127	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
126	Detection of anatoxin-a and three analogs in Anabaena spp. cultures: new fluorescence polarization assay and toxin profile by LC-MS/MS. <i>Toxins</i> , 2014 , 6, 402-15	4.9	22
125	New invertebrate vectors for PST, spirolides and okadaic acid in the North Atlantic. <i>Marine Drugs</i> , 2013 , 11, 1936-60	6	22
124	Cytotoxic effect of palytoxin on mussel. <i>Toxicon</i> , 2010 , 56, 842-7	2.8	21
123	Yessotoxin, a Promising Therapeutic Tool. <i>Marine Drugs</i> , 2016 , 14,	6	21
122	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
121	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
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, 541-52	2.8	20
119	Determination of phosphodiesterase activity in rat mast cells using the fluorescent cAMP analogue anthraniloyl cAMP. <i>Cellular Signalling</i> , 1995 , 7, 513-8	4.9	20
118	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
117	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
116	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, 234-9	4.6	19
115	Functional characterization of the Na(+)-H+ exchanger in rat mast cells: crosstalks between different kinase pathways. <i>European Journal of Pharmacology</i> , 1994 , 267, 289-96		19

114	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
113	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
112	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
111	Comparative study of the stability of saxitoxin and neosaxitoxin in acidic solutions and lyophilized samples. <i>Toxicon</i> , 1994 , 32, 1593-8	2.8	17
110	Palytoxin detection and quantification using the fluorescence polarization technique. <i>Analytical Biochemistry</i> , 2012 , 424, 64-70	3.1	16
109	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
108	How Safe Is Safe for Marine Toxins Monitoring?. <i>Toxins</i> , 2016 , 8,	4.9	16
107	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
106	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
105	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
104	Extraction and cleaning methods to detect yessotoxins in contaminated mussels. <i>Analytical Biochemistry</i> , 2007 , 363, 228-38	3.1	15
103	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
102	Surface plasmon resonance biosensor method for palytoxin detection based on Na ⁺ ,K ⁺ -ATPase affinity. <i>Toxins</i> , 2013 , 6, 96-107	4.9	14
101	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
100	Zoanthamine Alkaloids from the Zoantharian cf. and Their Effects in Neuroinflammation. <i>Marine Drugs</i> , 2018 , 16,	6	14
99	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
98	Analytical challenges for regulated marine toxins. Detection methods. <i>Current Opinion in Food Science</i> , 2017 , 18, 29-36	9.8	13
97	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

96	Dimethylsphingosine increases cytosolic calcium and intracellular pH in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2003 , 65, 465-78	6	13
95	Identification of Spongionella compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016 , 107, 407-414	10.2	13
94	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
93	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
92	Toxin profile in samples collected in fresh and brackish water in Germany. <i>Toxicon</i> , 2014 , 91, 35-44	2.8	12
91	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
90	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
89	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. <i>Talanta</i> , 2018 , 178, 37-42	6.2	11
88	Current situation on analysis of marine toxins. <i>Reviews in Analytical Chemistry</i> , 2013 , 32, 15-34	2.3	11
87	Effect of lyophilization on the stability of gonyautoxins obtained from contaminated mussels. <i>Toxicon</i> , 1994 , 32, 807-17	2.8	11
86	Preparation of mixtures of paralytic shellfish toxin (PSP) standards from mussel hepatopancreas. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 345, 212-216		11
85	Study of the activation mechanism of human GRF(1-29)NH ₂ on rat mast cell histamine release. <i>Inflammation Research</i> , 1995 , 44, 87-91	7.2	10
84	Study of the stability of gonyautoxins in acidic solution. <i>Fresenius Journal of Analytical Chemistry</i> , 1994 , 349, 465-468		10
83	Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. <i>Frontiers in Immunology</i> , 2016 , 7, 452	8.4	9
82	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. <i>Neuropharmacology</i> , 2018 , 141, 283-295	5.5	9
81	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
80	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
79	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

78	The antineoplastic drug vinorelbine activates non-immunological histamine release from rat mast cells. <i>Inflammation Research</i> , 1997 , 46, 119-24	7.2	8
77	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
76	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
75	Microalgae as a source of nutraceuticals 2015 , 255-291		7
74	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020 , 256, 127019	8.4	7
73	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
72	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. <i>Scientific Reports</i> , 2019 , 9, 10576	4.9	7
71	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
70	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014 , 8, 1-33	0.4	7
69	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
68	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
67	Sodium, PMA and calcium play an important role on intracellular pH modulation in rat mast cells. <i>Cellular Physiology and Biochemistry</i> , 1998 , 8, 314-27	3.9	7
66	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
65	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
64	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
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	Calcium-pH crosstalks in the human mast cell line HMC-1: intracellular alkalization activates calcium extrusion through the plasma membrane Ca ²⁺ -ATPase. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 1397-408	4.7	6
61	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

60	Effect of purification, theophylline and sodium fluoride on histamine release produced by antineoplastic drugs on rat mast cells. A distinctive mechanism of action for carboplatin. <i>Biochemical Pharmacology</i> , 1992 , 44, 533-8	6	6
59	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
58	Natural Approaches for Neurological Disorders-The Neuroprotective Potential of. <i>Molecules</i> , 2020 , 25,	4.8	6
57	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
56	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
55	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
54	Protein kinase C modulates Aurora-kinase inhibition induced by CCT129202 in HMC-1 mast cell line. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2013 , 12, 265-76	2	5
53	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 603-615	4.6	5
52	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge. <i>Marine Drugs</i> , 2019 , 17,	6	4
51	C-kit mutations determine dasatinib mechanism of action in HMC-1 neoplastic mast cells: dasatinib differently regulates PKC β translocation in HMC-1(560) and HMC-1(560,816) cell lines. <i>Immunopharmacology and Immunotoxicology</i> , 2015 , 37, 380-7	3.2	4
50	Cross-talks between c-Kit and PKC isoforms in HMC-1(560) and HMC-1(560,816) cells. Different role of PKC β in each cellular line. <i>Cellular Immunology</i> , 2015 , 293, 104-12	4.4	4
49	Different toxic effects of YTX in tumor K-562 and lymphoblastoid cell lines. <i>Frontiers in Pharmacology</i> , 2015 , 6, 124	5.6	4
48	Hypertonicity-induced intracellular pH changes in rat mast cells. <i>Life Sciences</i> , 2000 , 67, 1969-82	6.8	4
47	PKC potentiates tyrosine kinase inhibitors STI571 and dasatinib cytotoxic effect. <i>Anticancer Research</i> , 2014 , 34, 3347-56	2.3	4
46	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
45	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
44	Pharmacology of Yessotoxin		3
43	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

42	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
41	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
40	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
39	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
38	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
37	First report of <i>Fusarium foetens</i> as a mycotoxin producer. <i>Mycotoxin Research</i> , 2019 , 35, 177-186	4	2
36	Analysis of natural toxins by liquid chromatography 2017 , 479-514		2
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