

Amparo R Alfonso

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

3387
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	First Toxin Profile of Ciguateric Fish in Madeira Arquipelago (Europe). <i>Analytical Chemistry</i> , 2010, 82, 6032-6039.	6.5	121
4	An overview of the effective combination therapies for the treatment of breast cancer. <i>Biomaterials</i> , 2016, 97, 34-50.	11.4	117
5	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
6	Yessotoxin, a novel phycotoxin, activates phosphodiesterase activity. <i>Biochemical Pharmacology</i> , 2003, 65, 193-208.	4.4	109
7	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
8	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.	8.2	75
9	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
10	Calcium pools, calcium entry, and cell growth. <i>Bioscience Reports</i> , 1996, 16, 139-157.	2.4	72
11	Azaspiracid-1, a potent, nonapoptotic new phycotoxin with several cell targets. <i>Cellular Signalling</i> , 2002, 14, 703-716.	3.6	72
12	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
13	Functional compartments in rat mast cells for cAMP and calcium on histamine release. <i>Cellular Signalling</i> , 2000, 12, 343-350.	3.6	64
14	Gambierone, a Ladder-Shaped Polyether from the Dinoflagellate <i>Gambierdiscus belizeanus</i> . <i>Organic Letters</i> , 2015, 17, 2392-2395.	4.6	60
15	Solid-Phase Radioreceptor Assay for Paralytic Shellfish Toxins. <i>Analytical Biochemistry</i> , 1993, 211, 87-93.	2.4	59
16	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
17	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
18	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

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19	Azaspiracid-4 inhibits Ca ²⁺ entry by stored operated channels in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2005, 69, 1627-1636.	4.4	55
20	Gracilins: Spongionella-derived promising compounds for Alzheimer disease. <i>Neuropharmacology</i> , 2015, 93, 285-293.	4.1	54
21	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
22	Maitotoxin-induced calcium entry in human lymphocytes. <i>Cellular Signalling</i> , 2001, 13, 711-716.	3.6	47
23	Effects of Azaspiracids 2 and 3 on Intracellular cAMP, [Ca ²⁺], and pH. <i>Chemical Research in Toxicology</i> , 2004, 17, 1338-1349.	3.3	46
24	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
25	Resonant mirror biosensor detection method based on yessotoxin-phosphodiesterase interactions. <i>Analytical Biochemistry</i> , 2004, 335, 112-118.	2.4	45
26	Simplified immunosuppressive and neuroprotective agents based on gracilin A. <i>Nature Chemistry</i> , 2019, 11, 342-350.	13.6	45
27	Synthesis and antiallergic activity of pyridothienopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1911-1925.	3.0	44
28	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.	11.4	42
29	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, 337-344.	5.4	42
30	Pharmacokinetic and toxicological data of spirolides after oral and intraperitoneal administration. <i>Food and Chemical Toxicology</i> , 2012, 50, 232-237.	3.6	42
31	The association of bacterial C9-based TTX-like compounds with <i>Prorocentrum minimum</i> opens new uncertainties about shellfish seafood safety. <i>Scientific Reports</i> , 2017, 7, 40880.	3.3	42
32	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
33	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, 883-888.	3.4	40
34	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, 29546-29553.	3.4	40
35	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
36	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

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37	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
38	Decrease of marine toxin content in bivalves by industrial processes. <i>Toxicon</i> , 2010, 55, 235-243.	1.6	39
39	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
40	Effects of environmental regimens on the toxin profile of <i>Alexandrium ostenfeldii</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 301-310.	4.3	37
41	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
42	Synthesis, antihistaminic and cytotoxic activity of pyridothieno- and pyridodithienotriazines. <i>European Journal of Medicinal Chemistry</i> , 1998, 33, 887-897.	5.5	36
43	Azaspiracids modulate intracellular pH levels in human lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1091-1099.	2.1	36
44	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
45	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, 5903-5911.	6.5	36
46	Palytoxins and cytoskeleton: An overview. <i>Toxicon</i> , 2011, 57, 460-469.	1.6	36
47	Spongionella Secondary Metabolites Protect Mitochondrial Function in Cortical Neurons against Oxidative Stress. <i>Marine Drugs</i> , 2014, 12, 700-718.	4.6	36
48	Yessotoxin, a Promising Therapeutic Tool. <i>Marine Drugs</i> , 2016, 14, 30.	4.6	36
49	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, 26790-26793.	3.4	34
50	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
51	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
52	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
53	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
54	First direct fluorescence polarization assay for the detection and quantification of spirolides in mussel samples. <i>Analytica Chimica Acta</i> , 2011, 701, 200-208.	5.4	32

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55	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
56	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
57	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, 587-596.	3.3	31
58	New Invertebrate Vectors for PST, Spirolides and Okadaic Acid in the North Atlantic. <i>Marine Drugs</i> , 2013, 11, 1936-1960.	4.6	31
59	Mitigation of ROS Insults by Streptomyces Secondary Metabolites in Primary Cortical Neurons. <i>ACS Chemical Neuroscience</i> , 2014, 5, 71-80.	3.5	31
60	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
61	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
62	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
63	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
64	Cytotoxic effect of palytoxin on mussel. <i>Toxicon</i> , 2010, 56, 842-847.	1.6	25
65	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
66	Analytical challenges for regulated marine toxins. Detection methods. <i>Current Opinion in Food Science</i> , 2017, 18, 29-36.	8.0	25
67	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
68	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.	0.7	23
69	Effect of signal transduction pathways on the action of thapsigargin on rat mast cells. <i>Biochemical Pharmacology</i> , 1994, 47, 1813-1820.	4.4	23
70	Comparative study of the stability of saxitoxin and neosaxitoxin in acidic solutions and lyophilized samples. <i>Toxicon</i> , 1994, 32, 1593-1598.	1.6	22
71	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
72	13-Desmethyl spirolide-c and 13,19-didesmethyl spirolide-c trans-epithelial permeabilities: Human intestinal permeability modelling. <i>Toxicology</i> , 2011, 287, 69-75.	4.2	22

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73	Tetrodotoxins Occurrence in Non-Traditional Vectors of the North Atlantic Waters (Portuguese) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	3.4	22
74	Determination of phosphodiesterase activity in rat mast cells using the fluorescent cAMP analogue anthraniloyl cAMP. Cellular Signalling, 1995, 7, 513-518.	3.6	21
75	Extraction and cleaning methods to detect yessotoxins in contaminated mussels. Analytical Biochemistry, 2007, 363, 228-238.	2.4	21
76	Study of solid phase adsorption of paralytic shellfish poisoning toxins (PSP) onto different resins. Harmful Algae, 2011, 10, 447-455.	4.8	21
77	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
78	Functional characterization of the Na ⁺ -H ⁺ exchanger in rat mast cells: crosstalks between different kinase pathways. European Journal of Pharmacology, 1994, 267, 289-296.	2.6	20
79	Palytoxin detection and quantification using the fluorescence polarization technique. Analytical Biochemistry, 2012, 424, 64-70.	2.4	20
80	How Safe Is Safe for Marine Toxins Monitoring?. Toxins, 2016, 8, 208.	3.4	20
81	Confocal microscopy study of the different patterns of 2-NBDG uptake in rabbit enterocytes in the apical and basal zone. Pflugers Archiv European Journal of Physiology, 2001, 443, 234-239.	2.8	19
82	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
83	Dynamics of co-occurring Alexandrium minutum (Global Clade) and A. tamarense (West European) (Dinophyceae) during a summer bloom in Cork Harbour, Ireland (2006). Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 268-278.	1.4	18
84	Crosstalk between cytosolic pH and intracellular calcium in human lymphocytes. Cellular Signalling, 2000, 12, 573-581.	3.6	17
85	Detection of new emerging type-A trichothecenes by untargeted mass spectrometry. Talanta, 2018, 178, 37-42.	5.5	17
86	Zoanthamine Alkaloids from the Zoantharian Zoanthus cf. pulchellus and Their Effects in Neuroinflammation. Marine Drugs, 2018, 16, 242.	4.6	17
87	High Serum Cyclophilin C levels as a risk factor marker for Coronary Artery Disease. Scientific Reports, 2019, 9, 10576.	3.3	17
88	Ouabain-induced enhancement of rat mast cells response. Cellular Signalling, 2001, 13, 515-524.	3.6	16
89	Surface Plasmon Resonance Biosensor Method for Palytoxin Detection Based on Na ⁺ ,K ⁺ -ATPase Affinity. Toxins, 2014, 6, 96-107.	3.4	16
90	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

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91	The Marine Guanidine Alkaloid Crambescidin 816 Induces Calcium Influx and Cytotoxicity in Primary Cultures of Cortical Neurons through Glutamate Receptors. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1609-1617.	3.5	16
92	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
93	New protocol to obtain spirolides from <i>Alexandrium ostenfeldii</i> cultures with high recovery and purity. <i>Biomedical Chromatography</i> , 2010, 24, 878-886.	1.7	15
94	Role of yessotoxin in calcium and cAMP crossstalks 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
95	Toxin profile in samples collected in fresh and brackish water in Germany. <i>Toxicon</i> , 2014, 91, 35-44.	1.6	15
96	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
97	Identification of Spongionella compounds as cyclosporine A mimics. <i>Pharmacological Research</i> , 2016, 107, 407-414.	7.1	15
98	Tetracyclic Truncated Analogue of the Marine Toxin Gambierol Modifies NMDA, Tau, and Amyloid β Expression in Mice Brains: Implications in AD Pathology. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1358-1367.	3.5	15
99	Dimethylsphingosine increases cytosolic calcium and intracellular pH in human T lymphocytes. <i>Biochemical Pharmacology</i> , 2003, 65, 465-478.	4.4	14
100	Streptocyclinones A and B ameliorate Alzheimer's disease pathological processes in vitro. <i>Neuropharmacology</i> , 2018, 141, 283-295.	4.1	14
101	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
102	Magnetic nanostructures for marine and freshwater toxins removal. <i>Chemosphere</i> , 2020, 256, 127019.	8.2	14
103	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
104	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
105	Preparation of mixtures of paralytic shellfish toxin (PSP) standards from mussel hepatopancreas. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 345, 212-216.	1.5	13
106	Characterization of the Na ⁺ /Ca ²⁺ Exchanger on Rat Mast Cells. <i>Cellular Physiology and Biochemistry</i> , 1999, 9, 53-71.	1.6	13
107	Crosstalk between cyclophilins and T lymphocytes in coronary artery disease. <i>Experimental Cell Research</i> , 2021, 400, 112514.	2.6	13
108	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

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109	Study of the stability of gonyautoxins in acidic solution. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 349, 465-468.	1.5	12
110	Current situation on analysis of marine toxins. <i>Reviews in Analytical Chemistry</i> , 2013, 32, 15-34.	3.2	12
111	UPLC-MS-TOF Identification of Circumdatins Produced by <i>Aspergillus ochraceus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4843-4852.	5.2	12
112	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
113	Natural Approaches for Neurological Disorders—The Neuroprotective Potential of <i>Codium tomentosum</i> . <i>Molecules</i> , 2020, 25, 5478.	3.8	12
114	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
115	Cyclophilins A, B, and C Role in Human T Lymphocytes Upon Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 609196.	4.8	12
116	Effect of lyophilization on the stability of gonyautoxins obtained from contaminated mussels. <i>Toxicon</i> , 1994, 32, 807-817.	1.6	11
117	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
118	<i>Spongionella</i> Secondary Metabolites, Promising Modulators of Immune Response through CD147 Receptor Modulation. <i>Frontiers in Immunology</i> , 2016, 7, 452.	4.8	11
119	Gracilin-Derivatives as Lead Compounds for Anti-inflammatory Effects. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 603-615.	3.3	11
120	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.	4.0	10
121	The antineoplastic drug vinorelbine activates non-immunological histamine release from rat mast cells. <i>Inflammation Research</i> , 1997, 46, 119-124.	4.0	9
122	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
123	Bromotryptamine and Bromotyramine Derivatives from the Tropical Southwestern Pacific Sponge <i>Narrabeena nigra</i> . <i>Marine Drugs</i> , 2019, 17, 319.	4.6	9
124	First report of <i>Fusarium foetens</i> as a mycotoxin producer. <i>Mycotoxin Research</i> , 2019, 35, 177-186.	2.3	9
125	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
126	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

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127	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
128	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
129	Câ€kit mutations and PKC crosstalks: PKC translocates to nucleous only in cells HMC^{560,816}. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2637-2651.	2.6	8
130	New Invertebrate Vectors of Okadaic Acid from the North Atlantic Watersâ€™Portugal (Azores and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.4	8
131	Evaluation of the Impact of Mild Steaming and Heat Treatment on the Concentration of Okadaic Acid, Dinophysistoxin-2 and Dinophysistoxin-3 in Mussels. <i>Toxins</i> , 2016, 8, 175.	3.4	8
132	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
133	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
134	Effect of purification, theophylline and sodium fluoride on histamine release produced by antineoplastic drugs on rat mast cells. <i>Biochemical Pharmacology</i> , 1992, 44, 533-538.	4.4	7
135	Sodium, PMA and Calcium Play an Important Role on Intracellular pH Modulation in Rat Mast Cells. <i>Cellular Physiology and Biochemistry</i> , 1998, 8, 314-327.	1.6	7
136	STI571 (Glivecâ€™) affects histamine release and intracellular pH after alkalisation in HMCâ€™1^{560,816}. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 865-876.	2.6	7
137	Influence of the tyrosine kinase inhibitors STI571 (Glivecâ€™), lavendustin A and genistein on human mast cell line (HMCâ€™1⁵⁶⁰) activation. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1076-1088.	2.6	7
138	Characterization and Activity Determination of the Human Protein Phosphatase 2A Catalytic Subunit Î± Expressed in Insect Larvae. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 918-928.	2.9	7
139	The Mechanistic Complexities of Phycotoxins. <i>Advances in Molecular Toxicology</i> , 2014, 8, 1-33.	0.4	7
140	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
141	Anhydroexfoliamycin, a <i>Streptomyces</i> Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2336-2346.	3.5	7
142	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
143	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, 1397-1408.	2.6	6
144	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

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147	PKC potentiates tyrosine kinase inhibitors STI571 and dasatinib cytotoxic effect. <i>Anticancer Research</i> , 2014, 34, 3347-56.	1.1	6
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