

# Mã;rio SÃ©rgio Palma

## List of Publications by Year in descending order

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185  
papers

5,021  
citations

87888

38  
h-index

149698

56  
g-index

189  
all docs

189  
docs citations

189  
times ranked

5186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jelleines: a family of antimicrobial peptides from the Royal Jelly of honeybees ( <i>Apis mellifera</i> ). <i>Peptides</i> , 2004, 25, 919-928.	2.4	253
2	Medium Chain Fatty Acids Are Selective Peroxisome Proliferator Activated Receptor (PPAR) $\beta$ Activators and Pan-PPAR Partial Agonists. <i>PLoS ONE</i> , 2012, 7, e36297.	2.5	165
3	Structural and functional characterization of two novel peptide toxins isolated from the venom of the social wasp <i>Polybia paulista</i> . <i>Peptides</i> , 2005, 26, 2157-2164.	2.4	136
4	Profiling the proteome complement of the secretion from hypopharyngeal gland of Africanized nurse-honeybees ( <i>L.</i> ). <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 85-91.	2.7	115
5	PE and PS Lipids Synergistically Enhance Membrane Poration by a Peptide with Anticancer Properties. <i>Biophysical Journal</i> , 2015, 109, 936-947.	0.5	102
6	Structural and biological characterization of two novel peptides from the venom of the neotropical social wasp <i>Agelaia pallipes pallipes</i> . <i>Toxicon</i> , 2004, 44, 67-74.	1.6	90
7	Myotoxic phospholipases A2 isolated from <i>Bothrops brazili</i> snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. <i>Peptides</i> , 2008, 29, 1645-1656.	2.4	89
8	Mode of Peroxisome Proliferator-Activated Receptor $\beta$ Activation by Luteolin. <i>Molecular Pharmacology</i> , 2012, 81, 788-799.	2.3	84
9	Proteomic View of the Venom from the Fire Ant <i>Solenopsis invicta</i> Buren. <i>Journal of Proteome Research</i> , 2012, 11, 4643-4653.	3.7	79
10	Profiling the Proteome of the Venom from the Social Wasp <i>Polybia paulista</i> : A Clue to Understand the Envenoming Mechanism. <i>Journal of Proteome Research</i> , 2010, 9, 3867-3877.	3.7	68
11	Characterization of two novel polyfunctional mastoparan peptides from the venom of the social wasp <i>Polybia paulista</i> . <i>Peptides</i> , 2009, 30, 1387-1395.	2.4	66
12	Structural and biological characterization of three novel mastoparan peptides from the venom of the neotropical social wasp <i>Protopolybia exigua</i> (Saussure). <i>Toxicon</i> , 2005, 45, 101-106.	1.6	63
13	Exposure to a sublethal concentration of imidacloprid and the side effects on target and nontarget organs of <i>Apis mellifera</i> (Hymenoptera, Apidae). <i>Ecotoxicology</i> , 2018, 27, 109-121.	2.4	60
14	Crystal structure of human purine nucleoside phosphorylase complexed with acyclovir. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 553-559.	2.1	58
15	New Insight into the Mechanism of Action of Wasp Mastoparan Peptides: Lytic Activity and Clustering Observed with Giant Vesicles. <i>Langmuir</i> , 2011, 27, 10805-10813.	3.5	56
16	The effects of the C-terminal amidation of mastoparans on their biological actions and interactions with membrane-mimetic systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2357-2368.	2.6	56
17	Structures of human purine nucleoside phosphorylase complexed with inosine and ddi. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 907-914.	2.1	55
18	Diversity of peptidic and proteinaceous toxins from social Hymenoptera venoms. <i>Toxicon</i> , 2018, 148, 172-196.	1.6	55

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19	Crystal structure of human purine nucleoside phosphorylase at 2.3Å... resolution. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 545-552.	2.1	54
20	Selectivity in the mechanism of action of antimicrobial mastoparan peptide Polybia-MP1. <i>European Biophysics Journal</i> , 2008, 37, 879-891.	2.2	54
21	Structural bioinformatics study of EPSP synthase from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 608-614.	2.1	51
22	Molecular model of shikimate kinase from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 142-148.	2.1	50
23	Chorismate Synthase: An Attractive Target For Drug Development Against Orphan Diseases. <i>Current Drug Targets</i> , 2007, 8, 437-444.	2.1	49
24	Purification, sequencing and structural characterization of the phospholipase A1 from the venom of the social wasp <i>Polybia paulista</i> (Hymenoptera, Vespidae). <i>Toxicon</i> , 2007, 50, 923-937.	1.6	49
25	Structure of shikimate kinase from <i>Mycobacterium tuberculosis</i> reveals the binding of shikimic acid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2310-2319.	2.5	48
26	The Inhibition of 5-enolpyruvylshikimate-3-phosphate Synthase as a Model for Development of Novel Antimicrobials. <i>Current Drug Targets</i> , 2007, 8, 445-457.	2.1	48
27	Structural basis for inhibition of human PNP by immucillin-H. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 917-922.	2.1	47
28	The effect of acidic residues and amphipathicity on the lytic activities of mastoparan peptides studied by fluorescence and CD spectroscopy. <i>Amino Acids</i> , 2011, 40, 91-100.	2.7	47
29	MALDI Imaging Analysis of Neuropeptides in the Africanized Honeybee ( <i>Apis mellifera</i> ) Brain: Effect of Ontogeny. <i>Journal of Proteome Research</i> , 2014, 13, 3054-3064.	3.7	46
30	Identification of bradykinins in solitary wasp venoms. <i>Toxicon</i> , 2002, 40, 309-312.	1.6	45
31	Proteomic analysis of kidney in rats chronically exposed to fluoride. <i>Chemico-Biological Interactions</i> , 2009, 180, 305-311.	4.0	45
32	New catalytic mechanism for human purine nucleoside phosphorylase. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 646-649.	2.1	44
33	Mass spectrometric characterization of two novel inflammatory peptides from the venom of the social wasp <i>Polybia paulista</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1095-1102.	1.5	43
34	Analysis of Agonist and Antagonist Effects on Thyroid Hormone Receptor Conformation by Hydrogen/Deuterium Exchange. <i>Molecular Endocrinology</i> , 2011, 25, 15-31.	3.7	41
35	Structure and post-translational modifications of the web silk protein spidroin-1 from <i>Nephila</i> spiders. <i>Journal of Proteomics</i> , 2014, 105, 174-185.	2.4	40
36	Crystal structure of human PNP complexed with guanine. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 767-772.	2.1	39

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37	Influence of the Bilayer Composition on the Binding and Membrane Disrupting Effect of Polybia-MP1, an Antimicrobial Mastoparan Peptide with Leukemic T-Lymphocyte Cell Selectivity. <i>Biochemistry</i> , 2012, 51, 4898-4908.	2.5	39
38	Polybitoxins: a group of phospholipases A2 from the venom of the neotropical social wasp paulistinha ( <i>Polybia paulista</i> ). <i>Toxicon</i> , 1998, 36, 189-199.	1.6	38
39	Brown Recluse Spider Venom: Proteomic Analysis and Proposal of a Putative Mechanism of Action. <i>Protein and Peptide Letters</i> , 2009, 16, 933-943.	0.9	38
40	Effects of Sublethal Dose of Fipronil on Neuron Metabolic Activity of Africanized Honeybees. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 456-466.	4.1	38
41	Insect venom phospholipases A1 and A2: Roles in the envenoming process and allergy. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 105, 10-24.	2.7	37
42	Cloning, overexpression, and purification of functional human purine nucleoside phosphorylase. <i>Protein Expression and Purification</i> , 2003, 27, 158-164.	1.3	36
43	Wasp venom: Unravelling the toxins arsenal of <i>Polybia paulista</i> venom and its potential pharmaceutical applications. <i>Journal of Proteomics</i> , 2017, 161, 88-103.	2.4	36
44	Investigating the effect of different positioning of lysine residues along the peptide chain of mastoparans for their secondary structures and biological activities. <i>Amino Acids</i> , 2011, 40, 77-90.	2.7	34
45	Hyaluronidase from the venom of the social wasp <i>Polybia paulista</i> (Hymenoptera, Vespidae): Cloning, structural modeling, purification, and immunological analysis. <i>Toxicon</i> , 2013, 64, 70-80.	1.6	34
46	Agelotoxin: a phospholipase A2 from the venom of the neotropical social wasp cassununga ( <i>Agelaia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	33
47	Structure of human PNP complexed with ligands. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 856-862.	2.5	33
48	Crystal structure of human PNP complexed with hypoxanthine and sulfate ion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 335-338.	2.1	33
49	Isolation and sequence determination of peptides in the venom of the spider wasp ( <i>Cyphononyx</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf spectrometry. <i>Toxicon</i> , 2001, 39, 1257-1260.	1.6	32
50	Using Proteomic Strategies for Sequencing and Post-Translational Modifications Assignment of Antigen-5, a Major Allergen from the Venom of the Social Wasp <i>Polybia paulista</i> . <i>Journal of Proteome Research</i> , 2014, 13, 855-865.	3.7	32
51	Two new bradykinin-related peptides from the venom of the social wasp <i>Protopolybia exigua</i> (Saussure). <i>Peptides</i> , 2006, 27, 2632-2639.	2.4	31
52	Interactions of mast cell degranulating peptides with model membranes: A comparative biophysical study. <i>Archives of Biochemistry and Biophysics</i> , 2009, 486, 1-11.	3.0	31
53	Proteomic characterization of the multiple forms of the PLAs from the venom of the social wasp <i>Polybia paulista</i> . <i>Proteomics</i> , 2011, 11, 1403-1412.	2.2	31
54	Peptidome profiling of venom from the social wasp <i>Polybia paulista</i> . <i>Toxicon</i> , 2015, 107, 290-303.	1.6	31

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55	2-Nitro- and 2,4-Dinitrobenzenesulfonamides as Protecting Groups for Primary Amines. <i>Synlett</i> , 2001, 2001, 1167-1169.	1.8	30
56	Molecular models for shikimate pathway enzymes of <i>Xylella fastidiosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 979-991.	2.1	30
57	Modification of the brain proteome of Africanized honeybees ( <i>Apis mellifera</i> ) exposed to a sublethal doses of the insecticide fipronil. <i>Ecotoxicology</i> , 2014, 23, 1659-1670.	2.4	30
58	Structural bioinformatics study of PNP from <i>Schistosoma mansoni</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 100-104.	2.1	29
59	Myotoxic effects of mastoparan from <i>Polybia paulista</i> (Hymenoptera, Epiponini) wasp venom in mice skeletal muscle. <i>Toxicon</i> , 2007, 50, 589-599.	1.6	29
60	Proteome and phosphoproteome of Africanized and European honeybee venoms. <i>Proteomics</i> , 2013, 13, 2638-2648.	2.2	29
61	A simple, rapid method for the extraction of whole fire ant venom (Insecta: Formicidae: Solenopsis). <i>Toxicon</i> , 2013, 65, 5-8.	1.6	29
62	Structure Determination of a Tetrahydro- $\beta$ -carboline of Arthropod Origin: A Novel Alkaloid-Toxin Subclass from the Web of Spider <i>Nephila clavipes</i> . <i>Chemistry and Biodiversity</i> , 2005, 2, 525-534.	2.1	28
63	Hyperalgesic and edematogenic effects of peptides isolated from the venoms of honeybee ( <i>Apis mellifera</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14 2011, 40, 101-111.	2.7	28
64	Combining Experimental Evidence and Molecular Dynamic Simulations To Understand the Mechanism of Action of the Antimicrobial Octapeptide Jelleine-I. <i>Biochemistry</i> , 2014, 53, 4857-4868.	2.5	28
65	Spider silk proteome provides insight into the structural characterization of <i>Nephila clavipes</i> flagelliform spidroin. <i>Scientific Reports</i> , 2018, 8, 14674.	3.3	28
66	Protonectin (1 $\alpha$ -6): A novel chemotactic peptide from the venom of the social wasp <i>Agelais pallipes</i> . <i>Toxicon</i> , 2010, 56, 880-889.	1.6	27
67	Structural Model for the Spider Silk Protein Spidroin-1. <i>Journal of Proteome Research</i> , 2015, 14, 3859-3870.	3.7	26
68	Composition of freshly harvested Brazilian royal jelly: identification of carbohydrates from the sugar fraction. <i>Journal of Apicultural Research</i> , 1992, 31, 42-44.	1.5	25
69	Crystallographic structure of PNP from <i>Mycobacterium tuberculosis</i> at 1.9 $\text{Å}$ resolution. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 789-794.	2.1	25
70	Changes in Amounts of Total Salivary Gland Proteins of <i>Lutzomyia longipalpis</i> (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 1.8	1.8	25
71	Proteomic Analysis Reveals Suppression of Bark Chitinases and Proteinase Inhibitors in Citrus Plants Affected by the Citrus Sudden Death Disease. <i>Phytopathology</i> , 2008, 98, 1084-1092.	2.2	25
72	Structure-activity relationship of mastoparan analogs: Effects of the number and positioning of Lys residues on secondary structure, interaction with membrane-mimetic systems and biological activity. <i>Peptides</i> , 2015, 72, 164-174.	2.4	25

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73	Monoamine oxidase inhibitory activities of indolylalkaloid toxins from the venom of the colonial spider <i>Parawixia bistriata</i> : Functional characterization of PwTX-I. <i>Toxicon</i> , 2009, 54, 717-724.	1.6	24
74	Walker 256 Tumor Growth Suppression by Crotoxin Involves Formyl Peptide Receptors and Lipoxin A <sub>4</sub> . <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	3.0	24
75	Silkomics: Insight into the Silk Spinning Process of Spiders. <i>Journal of Proteome Research</i> , 2016, 15, 1179-1193.	3.7	24
76	Molecular cloning, expression and IgE-immunoreactivity of phospholipase A1, a major allergen from <i>Polybia paulista</i> (Hymenoptera: Vespidae) venom. <i>Toxicon</i> , 2016, 124, 44-52.	1.6	24
77	MALDI Imaging Analysis of Neuropeptides in Africanized Honeybee ( <i>Apis mellifera</i> ) Brain: Effect of Aggressiveness. <i>Journal of Proteome Research</i> , 2018, 17, 2358-2369.	3.7	24
78	Structural characterization of a new acylpolyaminetoxin from the venom of Brazilian garden spider <i>Nephilengys cruentata</i> . <i>Toxicon</i> , 1998, 36, 485-493.	1.6	23
79	Structural characterization of novel chemotactic and mastoparan peptides from the venom of the social wasp <i>Agelaiapallipes pallipes</i> by high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 636-642.	1.5	23
80	Functional shikimate dehydrogenase from <i>Mycobacterium tuberculosis</i> H37Rv: Purification and characterization. <i>Protein Expression and Purification</i> , 2006, 46, 429-437.	1.3	23
81	Functional Characterization by Genetic Complementation of <i>aroB</i> -Encoded Dehydroquinate Synthase from <i>Mycobacterium tuberculosis</i> H37Rv and Its Heterologous Expression and Purification. <i>Journal of Bacteriology</i> , 2007, 189, 6246-6252.	2.2	23
82	Antifungal Activity, Toxicity, and Membranolytic Action of a Mastoparan Analog Peptide. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 419.	3.9	23
83	Low-Resolution Molecular Models Reveal the Oligomeric State of the PPAR and the Conformational Organization of Its Domains in Solution. <i>PLoS ONE</i> , 2012, 7, e31852.	2.5	23
84	Properties of acid phosphatase from scutella of germinating maize seeds. <i>Phytochemistry</i> , 1981, 20, 1823-1826.	2.9	22
85	Phosphate closes the solution structure of the 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) from <i>Mycobacterium tuberculosis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2006, 452, 156-164.	3.0	22
86	Transcription of the Hsp30, Hsp70, and Hsp90 heat shock protein genes is modulated by the PalA protein in response to acid pH-sensing in the fungus <i>Aspergillus nidulans</i> . <i>Cell Stress and Chaperones</i> , 2011, 16, 565-572.	2.9	22
87	Peptide diversity in the venom of the social wasp <i>Polybia paulista</i> (Hymenoptera): A comparison of the intra- and inter-colony compositions. <i>Peptides</i> , 2014, 51, 122-130.	2.4	22
88	Biochemical response of the Africanized honeybee exposed to fipronil. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1652-1660.	4.3	22
89	MALDI imaging analyses of honeybee brains exposed to a neonicotinoid insecticide. <i>Pest Management Science</i> , 2019, 75, 607-615.	3.4	22
90	Molecular models of protein targets from <i>Mycobacterium tuberculosis</i> . <i>Journal of Molecular Modeling</i> , 2005, 11, 160-166.	1.8	21

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91	The Venomous Secrets of the Web Droplets from the Viscid Spiral of the Orb-Weaver Spider <i>Nephila clavipes</i> (Araneae, Tetragnatidae). <i>Chemistry and Biodiversity</i> , 2006, 3, 727-741.	2.1	21
92	Structural characterization of the major ampullate silk spidroin-2 protein produced by the spider <i>Nephila clavipes</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1444-1454.	2.3	21
93	Trypanocidal activity of mastoparan from <i>Polybia paulista</i> wasp venom by interaction with TcGAPDH. <i>Toxicon</i> , 2017, 137, 168-172.	1.6	21
94	Structural and functional characterization of N-terminally blocked peptides isolated from the venom of the social wasp <i>Polybia paulista</i> . <i>Peptides</i> , 2004, 25, 2069-2078.	2.4	20
95	A single nucleotide deletion at the C1 inhibitor gene as the cause of hereditary angioedema: insights from a Brazilian family. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1384-1390.	5.7	20
96	Production of the First Effective Hyperimmune Equine Serum Antivenom against Africanized Bees. <i>PLoS ONE</i> , 2013, 8, e79971.	2.5	20
97	One-step purification of 5-enolpyruvylshikimate-3-phosphate synthase enzyme from <i>Mycobacterium tuberculosis</i> . <i>Protein Expression and Purification</i> , 2003, 28, 287-292.	1.3	19
98	Structure Determination of Hydroxytryptargine: A New Tetrahydro- $\beta$ -Carboline Toxin from the Venom of the Spider <i>Parawixia bistriata</i> . <i>Helvetica Chimica Acta</i> , 2005, 88, 796-801.	1.6	19
99	DAHPh synthase from <i>Mycobacterium tuberculosis</i> H37Rv: cloning, expression, and purification of functional enzyme. <i>Protein Expression and Purification</i> , 2005, 40, 23-30.	1.3	19
100	Formation of a Ternary Complex for Selenocysteine Biosynthesis in Bacteria. <i>Journal of Biological Chemistry</i> , 2015, 290, 29178-29188.	3.4	19
101	Coagulation Factor XII Gene Mutation in Brazilian Families with Hereditary Angioedema with Normal C1 Inhibitor. <i>International Archives of Allergy and Immunology</i> , 2015, 166, 114-120.	2.1	19
102	Heterologous Expression, Purification and Immunoreactivity of the Antigen 5 from <i>Polybia paulista</i> Wasp Venom. <i>Toxins</i> , 2017, 9, 259.	3.4	19
103	Isolation and chemical characterization of PwTx-II: A novel alkaloid toxin from the venom of the spider <i>Parawixia bistriata</i> (Araneidae, Araneae). <i>Toxicon</i> , 2005, 46, 786-796.	1.6	18
104	Hypoxanthine-guanine phosphoribosyltransferase from <i>Mycobacterium tuberculosis</i> H37Rv: Cloning, expression, and biochemical characterization. <i>Protein Expression and Purification</i> , 2009, 66, 185-190.	1.3	18
105	Allergic reactions to manioc ( <i>Manihot esculenta</i> Crantz): Identification of novel allergens with potential involvement in latex-fruit syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1367-1369.	2.9	18
106	Cytotoxic, genotoxic/antigenotoxic and mutagenic/antimutagenic effects of the venom of the wasp <i>Polybia paulista</i> . <i>Toxicon</i> , 2013, 72, 64-70.	1.6	18
107	The kinetic mechanism of human uridine phosphorylase 1: Towards the development of enzyme inhibitors for cancer chemotherapy. <i>Archives of Biochemistry and Biophysics</i> , 2010, 497, 35-42.	3.0	17
108	In Situ Metabolomics of the Honeybee Brain: The Metabolism of L-Arginine through the Polyamine Pathway in the Proboscis Extension Response (PER). <i>Journal of Proteome Research</i> , 2020, 19, 832-844.	3.7	17

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109	Dissociation and catalytic activity of phosphate-repressible alkaline phosphatase from <i>Neurospora crassa</i> . <i>Phytochemistry</i> , 1989, 28, 3281-3284.	2.9	16
110	Nigriventrine: A low molecular mass neuroactive compound from the venom of the spider <i>Phoneutria nigriventer</i> . <i>Toxicon</i> , 2011, 57, 266-274.	1.6	16
111	Proteomic analysis of urine in rats chronically exposed to fluoride. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 8-14.	3.0	16
112	Agelaia MP-I: A peptide isolated from the venom of the social wasp, <i>Agelaia pallipes pallipes</i> , enhances insulin secretion in mice pancreatic islets. <i>Toxicon</i> , 2012, 60, 596-602.	1.6	16
113	The Combined Use of Proteomics and Transcriptomics Reveals a Complex Secondary Metabolite Network in <i>Peperomia obtusifolia</i> . <i>Journal of Natural Products</i> , 2017, 80, 1275-1286.	3.0	16
114	Phospholipase A1-based cross-reactivity among venoms of clinically relevant Hymenoptera from Neotropical and temperate regions. <i>Molecular Immunology</i> , 2018, 93, 87-93.	2.2	16
115	Polybioside, a Neuroactive Compound from the Venom of the Social Wasp <i>Polybia paulista</i> . <i>Journal of Natural Products</i> , 2010, 73, 527-531.	3.0	15
116	The Mode of Action of Recombinant <i>Mycobacterium tuberculosis</i> Shikimate Kinase: Kinetics and Thermodynamics Analyses. <i>PLoS ONE</i> , 2013, 8, e61918.	2.5	15
117	Effect of the aspartic acid D2 on the affinity of Polybia-MP1 to anionic lipid vesicles. <i>European Biophysics Journal</i> , 2014, 43, 121-30.	2.2	15
118	B-cell linear epitopes mapping of antigen-5 allergen from <i>Polybia paulista</i> wasp venom. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 264-267.e8.	2.9	15
119	Profiling the short, linear, non-disulfide bond-containing peptidome from the venom of the scorpion <i>Tityus obscurus</i> . <i>Journal of Proteomics</i> , 2018, 170, 70-79.	2.4	15
120	An efficient and versatile synthesis of acylpolyamine spider toxins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 299-302.	2.2	14
121	Structure Determination of an Organometallic 1-(Diazenylaryl)ethanol: A Novel Toxin Subclass from the Web of the Spider <i>Nephila clavipes</i> . <i>Chemistry and Biodiversity</i> , 2004, 1, 830-838.	2.1	14
122	Molecular Models of Tryptophan Synthase From <i>Mycobacterium tuberculosis</i> Complexed With Inhibitors. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 375-384.	1.8	14
123	Mastoparan effects in skeletal muscle damage: An ultrastructural view until now concealed. <i>Microscopy Research and Technique</i> , 2008, 71, 220-229.	2.2	14
124	Proteomic Characterization of the Hyaluronidase (E.C. 3.2.1.35) from the Venom of the Social Wasp <i>Polybia paulista</i> . <i>Protein and Peptide Letters</i> , 2012, 19, 625-635.	0.9	14
125	Biochemical, functional, structural and phylogenetic studies on Intercro, a new isoform phospholipase A2 from <i>Crotalus durissus terrificus</i> snake venom. <i>Biochimie</i> , 2013, 95, 2365-2375.	2.6	14
126	Hyperalgesic and edematogenic effects of Secapin-2, a peptide isolated from Africanized honeybee ( <i>Apis</i> ) Tj ETQq0,0,0 rgBT /O Overlock 1	2.4	14



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127	Proteome profiling reveals insights into secondary metabolism in <i>Maytenus ilicifolia</i> (Celastraceae) cell cultures producing quinonemethide triterpenes. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 405-416.	2.3	14
128	Solubilization of Proteins from Human Lymph Node Tissue and Two-Dimensional Gel Storage. <i>BMB Reports</i> , 2006, 39, 216-222.	2.4	14
129	Expression and processing of recombinant sarafotoxins precursor in <i>Pichia pastoris</i> . <i>Toxicon</i> , 2001, 39, 1211-1218.	1.6	13
130	The Rv1712 Locus from <i>Mycobacterium tuberculosis</i> H37Rv Codes for a Functional CMP Kinase That Preferentially Phosphorylates dCMP. <i>Journal of Bacteriology</i> , 2009, 191, 2884-2887.	2.2	13
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