

# Norival A Santos-Filho

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,191  
citations

361045

20  
h-index

395343

33  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myotoxic phospholipases A2 isolated from Bothrops brazili snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. Peptides, 2008, 29, 1645-1656.	1.2	89
2	Antimicrobial Photodynamic therapy enhanced by the peptide aurein 1.2. Scientific Reports, 2018, 8, 4212.	1.6	74
3	A new acidic myotoxic, anti-platelet and prostaglandin I2 inducer phospholipase A2 isolated from Bothrops moojeni snake venom. Toxicon, 2008, 52, 908-917.	0.8	71
4	Isolation and structural characterization of a new fibrin(ogen)olytic metalloproteinase from Bothrops moojeni snake venom. Toxicon, 2008, 51, 574-584.	0.8	65
5	Genotoxic effect of Bothrops snake venoms and isolated toxins on human lymphocyte DNA. Toxicon, 2013, 65, 9-14.	0.8	52
6	Antimicrobial peptide-loaded liquid crystalline precursor bioadhesive system for the prevention of dental caries. International Journal of Nanomedicine, 2018, Volume 13, 3081-3091.	3.3	51
7	Isolation and expression of a hypotensive and anti-platelet acidic phospholipase A2 from Bothrops moojeni snake venom. Journal of Pharmaceutical and Biomedical Analysis, 2013, 73, 35-43.	1.4	45
8	Dimerization of Antimicrobial Peptides: A Promising Strategy to Enhance Antimicrobial Peptide Activity. Protein and Peptide Letters, 2019, 26, 98-107.	0.4	43
9	Biochemical characterization and comparative analysis of two distinct serine proteases from Bothrops pirajai snake venom. Biochimie, 2012, 94, 2545-2558.	1.3	41
10	Molecular and functional characterization of a new non-hemorrhagic metalloprotease from Bothrops jararacussu snake venom with antiplatelet activity. Peptides, 2007, 28, 2328-2339.	1.2	40
11	Bhalterin: Functional and structural characterization of a new thrombin-like enzyme from Bothrops alternatus snake venom. Toxicon, 2010, 55, 1365-1377.	0.8	39
12	Evaluation of the genotoxicity of Crotalus durissus terrificus snake venom and its isolated toxins on human lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 724, 59-63.	0.9	39
13	Redox-tagged peptide for capacitive diagnostic assays. Biosensors and Bioelectronics, 2015, 68, 281-287.	5.3	37
14	Synthesis and characterization of an antibacterial and non-toxic dimeric peptide derived from the C-terminal region of Bothropstoxin-I. Toxicon, 2015, 103, 160-168.	0.8	33
15	Cytotoxic and inflammatory potential of a phospholipase A2 from Bothrops jararaca snake venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 33.	0.8	31
16	Antimicrobial activity of RP-1 peptide conjugate with ferrocene group. PLoS ONE, 2020, 15, e0228740.	1.1	26
17	An $\hat{I}\pm$ -type phospholipase A2 inhibitor from Bothrops jararacussu snake plasma: Structural and functional characterization. Biochimie, 2008, 90, 1506-1514.	1.3	25
18	Structural and Functional Characterization of a $\hat{I}\pm$ -Type Phospholipase A2 Inhibitor from Bothrops jararacussu Snake Plasma. Current Topics in Medicinal Chemistry, 2011, 11, 2509-2519.	1.0	25

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19	Isolation and characterization of moojenin, an acid-active, anticoagulant metalloproteinase from <i>Bothrops moojeni</i> venom. <i>Toxicon</i> , 2012, 60, 1251-1258.	0.8	24
20	KR-12-a5 is a non-cytotoxic agent with potent antimicrobial effects against oral pathogens. <i>Biofouling</i> , 2017, 33, 807-818.	0.8	23
21	Molecular cloning and biochemical characterization of a myotoxin inhibitor from <i>Bothrops alternatus</i> snake plasma. <i>Biochimie</i> , 2011, 93, 583-592.	1.3	21
22	Antibacterial Activity of the Non-Cytotoxic Peptide (p-BthTX-I) <sub>2</sub> and Its Serum Degradation Product against Multidrug-Resistant Bacteria. <i>Molecules</i> , 2017, 22, 1898.	1.7	21
23	The self-assembly of redox active peptides: Synthesis and electrochemical capacitive behavior. <i>Biopolymers</i> , 2016, 106, 357-367.	1.2	19
24	Evaluation of peptides release using a natural rubber latex biomembrane as a carrier. <i>Amino Acids</i> , 2018, 50, 503-511.	1.2	19
25	Non-Toxic Dimeric Peptides Derived from the Bothropstoxin-I Are Potent SARS-CoV-2 and Papain-like Protease Inhibitors. <i>Molecules</i> , 2021, 26, 4896.	1.7	19
26	A synthetic snake-venom-based tripeptide (Glu-Val-Trp) protects PC12 cells from MPP + toxicity by activating the NGF-signaling pathway. <i>Peptides</i> , 2018, 104, 24-34.	1.2	17
27	LmrBPP9: A synthetic bradykinin-potentiating peptide from <i>Lachesis muta rhombeata</i> venom that inhibits the angiotensin-converting enzyme activity in vitro and reduces the blood pressure of hypertensive rats. <i>Peptides</i> , 2018, 102, 1-7.	1.2	15
28	Haematological, biochemical and immunological biomarkers, antibacterial activity, and survival in Nile tilapia <i>Oreochromis niloticus</i> after treatment using antimicrobial peptide LL-37 against <i>Streptococcus agalactiae</i> . <i>Aquaculture</i> , 2021, 533, 736181.	1.7	15
29	Identification and characterisation of elongation factor Tu, a novel protein involved in <i>Paracoccidioides brasiliensis</i> "host interaction. <i>FEMS Yeast Research</i> , 2016, 16, fow079.	1.1	14
30	C-terminal Lysine-Linked Magainin 2 with Increased Activity Against Multidrug-Resistant Bacteria. <i>Protein and Peptide Letters</i> , 2016, 23, 738-747.	0.4	14
31	Rapid Purification of a New P-I Class Metalloproteinase from <i>Bothrops moojeni</i> Venom with Antiplatelet Activity. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	13
32	Heterologous expression and biochemical and functional characterization of a recombinant alpha-type myotoxin inhibitor from <i>Bothrops alternatus</i> snake. <i>Biochimie</i> , 2014, 105, 119-128.	1.3	13
33	Alpha-type phospholipase A2 inhibitors from snake blood. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 19.	0.8	13
34	Understanding the mechanism of action of peptide (p-BthTX-I) <sub>2</sub> derived from C-terminal region of phospholipase A2 (PLA2)-like bothropstoxin-I on Gram-positive and Gram-negative bacteria. <i>Toxicon</i> , 2021, 196, 44-55.	0.8	12
35	Cytocompatibility and Synergy of EGCG and Cationic Peptides Against Bacteria Related to Endodontic Infections, in Planktonic and Biofilm Conditions. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1808-1819.	1.9	11
36	In vitro tracking of phospholipase A2 from snake venom conjugated with magic-sized quantum dots. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 461-468.	3.6	10

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37	Isolation and characterization of a novel metalloprotease inhibitor from <i>Bothrops alternatus</i> snake serum. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 436-446.	3.6	9
38	BaltPLA2: A New Phospholipase A2 from <i>Bothrops Alternatus</i> Snake Venom with Antiplatelet Aggregation Activity. <i>Protein and Peptide Letters</i> , 2018, 25, 943-952.	0.4	9
39	Crystallization and preliminary X-ray diffraction analysis of crotoxin B from <i>Crotalus durissus collilineatus</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1011-1013.	0.7	8
40	Cytotoxicity and antimicrobial activity of synthetic peptides alone or in combination with conventional antimicrobials against fish pathogenic bacteria. <i>Journal of Applied Microbiology</i> , 2021, 131, 1762-1774.	1.4	8
41	Effect of C-terminal and N-terminal dimerization and alanine scanning on antibacterial activity of the analogs of the peptide pBthTX. <i>Peptide Science</i> , 0, , e24243.	1.0	7
42	Crystallization and preliminary X-ray crystallographic studies of a Lys49-phospholipase A <sub>2</sub> homologue from <i>Bothrops pirajai</i> venom complexed with rosmarinic acid. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 699-701.	0.7	6
43	Effect of analogues of cationic peptides on dentin mineralization markers in odontoblast-like cells. <i>Archives of Oral Biology</i> , 2019, 103, 19-25.	0.8	6
44	Nanobiotechnology with Therapeutically Relevant Macromolecules from Animal Venoms: Venoms, Toxins, and Antimicrobial Peptides. <i>Pharmaceutics</i> , 2022, 14, 891.	2.0	5
45	Alkylation of Histidine Residues of <i>Bothrops jararacussu</i> Venom Proteins and Isolated Phospholipases A <sub>2</sub> homologue from <i>Bothrops jararacussu</i> venom complexed with rosmarinic acid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 2014, 1-12.	0.9	5
46	Baltetin: a new C-type lectin-like isolated from <i>Bothrops alternatus</i> snake venom which act as a platelet aggregation inhibiting. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122695.	1.2	3
47	rBaltMIP, a recombinant alpha-type myotoxin inhibitor from <i>Bothrops alternatus</i> (Rhinocerocephis) Tj ETQq1 1 0.784314 rgBT /Overlock 11 53-62.	0.8	2
48	Myotoxin Inhibitors. <i>Toxinology</i> , 2017, , 321-349.	0.2	2
49	Myotoxin Inhibitors. , 2015, , 1-24.		2