

Gandhi Radis-Baptista

List of Publications by Year
in descending order

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91
papers

2,206
citations

201658
27
h-index

265191
42
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94
all docs

94
docs citations

94
times ranked

2537
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of ⁶⁸ Ga-PSMA-11 PET/CT in the Diagnosis of Prostate Cancer Clinical Relapse. <i>Current Radiopharmaceuticals</i> , 2022, 15, .	0.8	1
2	Toxinologic and Pharmacological Investigation of Venomous Arthropods. <i>Toxins</i> , 2022, 14, 283.	3.4	1
3	Cell-Penetrating Peptides Derived from Animal Venoms and Toxins. <i>Toxins</i> , 2021, 13, 147.	3.4	32
4	The Rhodamine B-encrypted viperidicin peptide, RhoB-Ctn[1-9], displays in vitro antimicrobial activity against opportunistic bacteria and yeasts. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, .	1.6	3
5	Pharmaceutical Pollution and Disposal of Expired, Unused, and Unwanted Medicines in the Brazilian Context. <i>Journal of Xenobiotics</i> , 2021, 11, 61-76.	6.7	29
6	Toxic Peptide From <i>Palythoa caribaeorum</i> Acting on the TRPV1 Channel Prevents Pentylentetrazol-Induced Epilepsy in Zebrafish Larvae. <i>Frontiers in Pharmacology</i> , 2021, 12, 763089.	3.5	1
7	Anti-inflammatory activities of arthropod peptides: a systematic review. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200152.	1.4	5
8	The antiproliferative peptide Ctn[15-34] is active against multidrug-resistant yeasts <i>Candida albicans</i> and <i>Cryptococcus neoformans</i> . <i>Journal of Applied Microbiology</i> , 2020, 128, 414-425.	3.1	10
9	Crotamine and crotalidicin, membrane active peptides from <i>Crotalus durissus terrificus</i> rattlesnake venom, and their structurally-minimized fragments for applications in medicine and biotechnology. <i>Peptides</i> , 2020, 126, 170234.	2.4	23
10	Disulphide-less crotamine is effective for formation of DNA-peptide complex but is unable to improve bovine embryo transfection. <i>Zygote</i> , 2020, 28, 72-79.	1.1	1
11	Antimicrobial activity of synthetic Dq-3162, a 28-residue ponericin G-like dinoponeratoxin from the giant ant <i>Dinoponera quadricaps</i> venom, against carbapenem-resistant bacteria. <i>Toxicon</i> , 2020, 187, 19-28.	1.6	6
12	Antibiofilm Activity on <i>Candida albicans</i> and Mechanism of Action on Biomembrane Models of the Antimicrobial Peptide Ctn[15-34]. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8339.	4.1	26
13	Antifungal In Vitro Activity of Pilonin- and Ponericin-Like Peptides from the Giant Ant <i>Dinoponera quadricaps</i> and Synergistic Effects with Antimycotic Drugs. <i>Antibiotics</i> , 2020, 9, 354.	3.7	15
14	Arthropod Venom Components and Their Potential Usage. <i>Toxins</i> , 2020, 12, 82.	3.4	14
15	Comprehensive analysis of peptides and low molecular weight components of the giant ant <i>Dinoponera quadricaps</i> venom. <i>Biological Chemistry</i> , 2020, 401, 945-954.	2.5	8
16	Nanoparticles Functionalized with Venom-Derived Peptides and Toxins for Pharmaceutical Applications. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 97-109.	1.6	7
17	Bottom-Up Proteomic Analysis of Polypeptide Venom Components of the Giant Ant <i>Dinoponera quadricaps</i> . <i>Toxins</i> , 2019, 11, 448.	3.4	16
18	Combined transcriptomic and proteomic analysis reveals a diversity of venom-related and toxin-like peptides expressed in the mat anemone <i>Zoanthus natalensis</i> (Cnidaria, Hexacorallia). <i>Archives of Toxicology</i> , 2019, 93, 1745-1767.	4.2	14

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19	Comprehensive analysis of peptides and low molecular weight components of the giant ant <i>Dinoponera quadricaps</i> venom. <i>Biological Chemistry</i> , 2019, .	2.5	0
20	Novel neurotoxic peptides from <i>Protopalythoa variabilis</i> virtually interact with voltage-gated sodium channel and display anti-epilepsy and neuroprotective activities in zebrafish. <i>Archives of Toxicology</i> , 2019, 93, 189-206.	4.2	15
21	The Place for Enzymes and Biologically Active Peptides from Marine Organisms for Application in Industrial and Pharmaceutical Biotechnology. <i>Current Protein and Peptide Science</i> , 2019, 20, 334-355.	1.4	4
22	Novel Kunitz-like Peptides Discovered in the Zoanthid <i>Palythoa caribaeorum</i> through Transcriptome Sequencing. <i>Journal of Proteome Research</i> , 2018, 17, 891-902.	3.7	22
23	Mechanisms of bacterial membrane permeabilization by crotalicidin (Ctn) and its fragment Ctn(15-34), antimicrobial peptides from rattlesnake venom. <i>Journal of Biological Chemistry</i> , 2018, 293, 1536-1549.	3.4	83
24	The dinoponeratoxin peptides from the giant ant <i>Dinoponera quadricaps</i> display <i>in vitro</i> antitrypanosomal activity. <i>Biological Chemistry</i> , 2018, 399, 187-196.	2.5	28
25	Antichagasic effect of crotalicidin, a cathelicidin-like viperidicin, found in <i>Crotalus durissus terrificus</i> rattlesnake's venom gland. <i>Parasitology</i> , 2018, 145, 1059-1064.	1.5	31
26	Universal target-enrichment baits for anthozoan (Cnidaria) phylogenomics: New approaches to long-standing problems. <i>Molecular Ecology Resources</i> , 2018, 18, 281-295.	4.8	114
27	Marine Biotechnology in Brazil: Recent Developments and Its Potential for Innovation. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	9
28	The Holo-Transcriptome of the Zoantharian <i>Protopalythoa variabilis</i> (Cnidaria: Anthozoa): A Plentiful Source of Enzymes for Potential Application in Green Chemistry, Industrial and Pharmaceutical Biotechnology. <i>Marine Drugs</i> , 2018, 16, 207.	4.6	10
29	A Novel ShK-Like Toxic Peptide from the Transcriptome of the Cnidarian <i>Palythoa caribaeorum</i> Displays Neuroprotection and Cardioprotection in Zebrafish. <i>Toxins</i> , 2018, 10, 238.	3.4	14
30	Insights into the candidacidal mechanism of Ctn[15-34] - a carboxyl-terminal, crotalicidin-derived peptide related to cathelicidins. <i>Journal of Medical Microbiology</i> , 2018, 67, 129-138.	1.8	15
31	Antiviral Activity of Ctn[15-34], A Cathelicidin-Derived Eicosapeptide, Against Infectious Myonecrosis Virus in <i>Litopenaeus vannamei</i> Primary Hemocyte Cultures. <i>Food and Environmental Virology</i> , 2017, 9, 277-286.	3.4	13
32	Evaluation of the antichagasic activity of batroxidicin, a cathelicidin-related antimicrobial peptide found in <i>Bothrops atrox</i> venom gland. <i>Toxicon</i> , 2017, 130, 56-62.	1.6	32
33	Cell-penetrating peptides (CPPs): From delivery of nucleic acids and antigens to transduction of engineered nucleases for application in transgenesis. <i>Journal of Biotechnology</i> , 2017, 252, 15-26.	3.8	69
34	Identification of long non-coding RNAs in two anthozoan species and their possible implications for coral bleaching. <i>Scientific Reports</i> , 2017, 7, 5333.	3.3	22
35	Evaluation in zebrafish model of the toxicity of rhodamine B-conjugated crotamine, a peptide potentially useful for diagnostics and therapeutics. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21964.	3.0	11
36	Anti-fungal activity of Ctn[15-34], the C-terminal peptide fragment of crotalicidin, a rattlesnake venom gland cathelicidin. <i>Journal of Antibiotics</i> , 2017, 70, 231-237.	2.0	24

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37	Viperidins, Snake Venom Cathelicidin-Related Peptides, in the Milieu of Reptilian Antimicrobial Polypeptides. , 2017, , 297-325.		1
38	The Transcriptome of the Zoanthid <i>Protopalythoa variabilis</i> (Cnidaria, Anthozoa) Predicts a Basal Repertoire of Toxin-like and Venom-Auxiliary Polypeptides. Genome Biology and Evolution, 2016, 8, 3045-3064.	2.5	37
39	Crotamine, a cell-penetrating peptide, is able to translocate parthenogenetic and in vitro fertilized bovine embryos but does not improve exogenous DNA expression. Journal of Assisted Reproduction and Genetics, 2016, 33, 1405-1413.	2.5	2
40	Effect of crotamine, a cell-penetrating peptide, on blastocyst production and gene expression of in vitro fertilized bovine embryos. Zygote, 2016, 24, 48-57.	1.1	9
41	Rhodamine B-conjugated encrypted viperidins nonapeptide is a potent toxin to zebrafish and associated with in vitro cytotoxicity. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1253-1260.	2.4	23
42	Viperidins, Snake Venom Cathelicidin-Related Peptides, in the Milieu of Reptilian Antimicrobial Polypeptides. , 2015, , 1-25.		1
43	Structural Dissection of Crotalicidin, a Rattlesnake Venom Cathelicidin, Retrieves a Fragment with Antimicrobial and Antitumor Activity. Journal of Medicinal Chemistry, 2015, 58, 8553-8563.	6.4	63
44	Molecular characterization of Cyclophilin (TcCyP19) in Trypanosoma cruzi populations susceptible and resistant to benznidazole. Experimental Parasitology, 2015, 148, 73-80.	1.2	11
45	Transcriptome Analysis in Venom Gland of the Predatory Giant Ant Dinoponera quadriceps: Insights into the Polypeptide Toxin Arsenal of Hymenopterans. PLoS ONE, 2014, 9, e87556.	2.5	64
46	Biogeochemical Typing of Paddy Field by a Data-Driven Approach Revealing Sub-Systems within a Complex Environment - A Pipeline to Filtrate, Organize and Frame Massive Dataset from Multi-Omics Analyses. PLoS ONE, 2014, 9, e110723.	2.5	22
47	State of the Art in the Studies on Crotamine, a Cell Penetrating Peptide from South American Rattlesnake. BioMed Research International, 2014, 2014, 1-9.	1.9	60
48	Viperidins: a novel family of cathelicidin-related peptides from the venom gland of South American pit vipers. Amino Acids, 2014, 46, 2561-2571.	2.7	60
49	Gene expression analysis by ESTs sequencing of the Brazilian frog Phyllomedusa nordestina skin glands. Toxicon, 2013, 61, 139-150.	1.6	6
50	Differential induction of HSP-70 expression in response to IHNV in white shrimp Litopenaeus vannamei naturally co-infected with IHNV and IMNV. International Aquatic Research, 2012, 4, 1.	1.5	10
51	Molecular characterization of the interaction of crotamine-derived nucleolar targeting peptides with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2707-2717.	2.6	34
52	Snake Venom-Derived Peptides as Tools for Intracellular Delivery. Biophysical Journal, 2012, 102, 488a.	0.5	0
53	Ultrastructural analysis of miltefosine-induced surface membrane damage in adult Schistosoma mansoni BH strain worms. Parasitology Research, 2012, 110, 2465-2473.	1.6	42
54	Insights into the Uptake Mechanism of NrTP, A Cell-Penetrating Peptide Preferentially Targeting the Nucleolus of Tumour Cells. Chemical Biology and Drug Design, 2012, 79, 907-915.	3.2	27

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55	Efficient Cellular Delivery of β -Galactosidase Mediated by NrTPs, a New Family of Cell-Penetrating Peptides. <i>Bioconjugate Chemistry</i> , 2011, 22, 2339-2344.	3.6	23
56	Crotamine toxicity and efficacy in mouse models of melanoma. <i>Expert Opinion on Investigational Drugs</i> , 2011, 20, 1189-1200.	4.1	56
57	Natural co-infection with infectious hypodermal and hematopoietic necrosis virus (IHNV) and infectious myonecrosis virus (IMNV) in <i>Litopenaeus vannamei</i> in Brazil. <i>Aquaculture</i> , 2011, 312, 212-216.	3.5	23
58	Cloning and molecular modeling of <i>Litopenaeus vannamei</i> (Penaeidae) C-type lectin homologs with mutated mannose binding domain-2. <i>Genetics and Molecular Research</i> , 2011, 10, 650-664.	0.2	23
59	Crotamine, a Small Basic Polypeptide Myotoxin from Rattlesnake Venom with Cell-Penetrating Properties. <i>Current Pharmaceutical Design</i> , 2011, 17, 4351-4361.	1.9	61
60	Differential diagnosis of active hypodermal and hematopoietic necrosis virus based on gene choice and reverse transcription coupled with PCR. <i>Genetics and Molecular Research</i> , 2010, 9, 2025-2031.	0.2	9
61	Biological versatility of crotamine – a cationic peptide from the venom of a South American rattlesnake. <i>Expert Opinion on Investigational Drugs</i> , 2010, 19, 1515-1525.	4.1	38
62	Cloning of a novel acidic phospholipase A2 from the venom gland of <i>Crotalus durissus cascavella</i> (Brazilian northeastern rattlesnake). <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2009, 15, 745-761.	1.4	6
63	Cloning of serine protease cDNAs from <i>Crotalus durissus terrificus</i> venom gland and expression of a functional Gyroxin homologue in COS-7 cells. <i>Toxicon</i> , 2009, 54, 110-120.	1.6	24
64	Quantitative expression analysis of Bodhesin genes in the buck (<i>Capra hircus</i>) reproductive tract by real-time polymerase chain reaction (qRT-PCR). <i>Animal Reproduction Science</i> , 2009, 110, 245-255.	1.5	8
65	Transcriptome analysis of the Amazonian viper <i>Bothrops atrox</i> venom gland using expressed sequence tags (ESTs). <i>Toxicon</i> , 2009, 53, 427-436.	1.6	53
66	Analysis of protein expression and a new prokaryotic expression system for goat (<i>Capra hircus</i>) spermadhesin Bdh-2 cDNA. <i>Genetics and Molecular Research</i> , 2009, 8, 1147-1157.	0.2	4
67	NrTP, a cell penetrating peptide exquisitely targeting the nucleolus of tumoral cells. , 2009, , .		0
68	Buck (<i>Capra hircus</i>) genes encode new members of the spermadhesin family. <i>Molecular Reproduction and Development</i> , 2008, 75, 8-16.	2.0	21
69	A Novel Cell-Penetrating Peptide Sequence Derived by Structural Minimization of a Snake Toxin Exhibits Preferential Nucleolar Localization. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 7041-7044.	6.4	42
70	Cytotoxic effects of crotamine are mediated through lysosomal membrane permeabilization. <i>Toxicon</i> , 2008, 52, 508-517.	1.6	81
71	Expression of mRNAs coding for VAP1/crotastatin-like metalloproteases in the venom glands of three South American pit vipers assessed by quantitative real-time PCR. <i>Toxicon</i> , 2008, 52, 897-907.	1.6	9
72	Membrane-translocating peptides and toxins: from nature to bedside. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 211-225.	0.6	9

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73	Crotamine Mediates Gene Delivery into Cells through the Binding to Heparan Sulfate Proteoglycans. Journal of Biological Chemistry, 2007, 282, 21349-21360.	3.4	97
74	Identification of novel bradykinin-potentiating peptides (BPPs) in the venom gland of a rattlesnake allowed the evaluation of the structureâ€“function relationship of BPPs. Biochemical Pharmacology, 2007, 74, 1350-1360.	4.4	32
75	Effect of multimer size and a natural dimorphism on the binding of convulxin to platelet glycoprotein (GP)VI. Journal of Thrombosis and Haemostasis, 2006, 4, 1107-1113.	3.8	13
76	cDNA cloning and 1.75â€“ crystal structure determination of PPL2, an endochitinase and N-acetylglucosamine-binding hemagglutinin from Parkia platycephala seeds. FEBS Journal, 2006, 273, 3962-3974.	4.7	25
77	Crotacetin, a Novel Snake Venom C-Type Lectin Homolog of Convulxin, Exhibits an Unpredictable Antimicrobial Activity. Cell Biochemistry and Biophysics, 2006, 44, 412-423.	1.8	31
78	Crotacetin, a novel snake venom C-type lectin, is homolog of convulxin. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2005, 11, 557.	1.4	1
79	Integrins, cancer and snake toxins (mini-review). Journal of Venomous Animals and Toxins Including Tropical Diseases, 2005, 11, 217.	1.4	10
80	New view on crotamine, a small basic polypeptide myotoxin from South American rattlesnake venom. Toxicon, 2005, 46, 363-370.	1.6	72
81	Protein Mapping of the Salivary Complex from a Hematophagous Leech. OMICS A Journal of Integrative Biology, 2005, 9, 194-208.	2.0	4
82	Crotamine is a novel cellâ€“penetrating protein from the venom of rattlesnake Crotalus durissus terrificus. FASEB Journal, 2004, 18, 1407-1409.	0.5	102
83	Identification of crotasin, a crotamine-related gene of Crotalus durissus terrificus. Toxicon, 2004, 43, 751-759.	1.6	31
84	Cloning, expression, and structural analysis of recombinant BJcuL, a c-type lectin from the Bothrops jararacussu snake venom. Protein Expression and Purification, 2004, 35, 344-352.	1.3	8
85	Influence of Multimer Size and a Natural Dimorphism on the Activity of Convulxin.. Blood, 2004, 104, 3927-3927.	1.4	2
86	Structure and chromosomal localization of the gene for crotamine, a toxin from the South American rattlesnake, Crotalus durissus terrificus. Toxicon, 2003, 42, 747-752.	1.6	29
87	Nucleotide sequence of crotamine isoform precursors from a single South American rattlesnake (Crotalus durissus terrificus). Toxicon, 1999, 37, 973-984.	1.6	55
88	Fructose 2,6-bisphosphate biosynthesis and regulation of carbohydrate metabolism in Aspergillus oryzae. Canadian Journal of Microbiology, 1998, 44, 6-11.	1.7	1
89	Molecular Toxinology â€“ Cloning Toxin Genes for Addressing Functional Analysis and Disclosure Drug Leads. , 0, , .		0
90	Projeto de desenvolvimento, caracterizaÃ§Ã£o fÃsico-quÃmica e biolÃ³gica de nanopartÃculas lipÃdicas sÃ³lidas contendo o peptÃdeo anti-infeccioso/antiproliferativo crotalÃcidina para aplicaÃ§Ã£o tÃpica. , 0, , .		0

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91	Descrição da atividade anti-Candida albicans de um fragmento da crotalicidina, PAM de glândula de veneno de Crotalus durissus. , 0, , .		0