

# Guilherme D Brand

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

861  
citations

567144

15  
h-index

477173

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1405  
citing authors

#	ARTICLE	IF	CITATIONS
1	A first look at the N- and O-glycosylation landscape in anuran skin secretions. <i>Biochimie</i> , 2022, 197, 19-37.	1.3	1
2	Phenolic Lipids Derived from Cashew Nut Shell Liquid to Treat Metabolic Diseases. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1961-1978.	2.9	6
3	Characterization of novel human intragenic antimicrobial peptides, incorporation and release studies from ureasil-polyether hybrid matrix. <i>Materials Science and Engineering C</i> , 2021, 119, 111581.	3.8	8
4	Discovery of sustainable drugs for Alzheimer's disease: cardanol-derived cholinesterase inhibitors with antioxidant and anti-amyloid properties. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1154-1163.	1.7	11
5	Identification of Differential N-Glycan Compositions in the Serum and Tissue of Colon Cancer Patients by Mass Spectrometry. <i>Biology</i> , 2021, 10, 343.	1.3	11
6	Mechanistic Insights into the Leishmanicidal and Bactericidal Activities of Batroxicidin, a Cathelicidin-Related Peptide from a South American Viper ( <i>Bothrops atrox</i> ). <i>Journal of Natural Products</i> , 2021, 84, 1787-1798.	1.5	14
7	The peptide secreted at the water to land transition in a model amphibian has antioxidant effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211531.	1.2	6
8	Chemical composition and antifungal effect of ethanol extract from <i>Sapindus saponaria</i> L. fruit against banana anthracnose. <i>Scientia Horticulturae</i> , 2020, 259, 108842.	1.7	7
9	Cytotoxic activity of poly- $\epsilon$ -caprolactone lipid-core nanocapsules loaded with lycopene-rich extract from red guava ( <i>Psidium guajava</i> L.) on breast cancer cells. <i>Food Research International</i> , 2020, 136, 109548.	2.9	26
10	Head-to-Tail Cyclization after Interaction with Trypsin: A Scorpion Venom Peptide that Resembles Plant Cyclotides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9500-9511.	2.9	11
11	Isolation and Sequencing of Cu-, Fe-, and Zn-Binding Whey Peptides for Potential Neuroprotective Applications as Multitargeted Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12433-12443.	2.4	6
12	The Antioxidant Peptide Salamandrin-I: First Bioactive Peptide Identified from Skin Secretion of Salamandra Genus ( <i>Salamandra salamandra</i> ). <i>Biomolecules</i> , 2020, 10, 512.	1.8	22
13	Intragenic antimicrobial peptides (IAPs) from human proteins with potent antimicrobial and anti-inflammatory activity. <i>PLoS ONE</i> , 2019, 14, e0220656.	1.1	16
14	Intragenic Antimicrobial Peptide Hs02 Hampers the Proliferation of Single- and Dual-Species Biofilms of <i>P. aeruginosa</i> and <i>S. aureus</i> : A Promising Agent for Mitigation of Biofilm-Associated Infections. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3604.	1.8	17
15	Identification and characterization of phospholipases A2 from the skin secretion of <i>Pithecopus azureus</i> anuran. <i>Toxicon</i> , 2019, 167, 10-19.	0.8	4
16	Document ink dye age estimation by direct injection-mass spectrometry and correlation analysis. <i>Microchemical Journal</i> , 2019, 147, 1123-1132.	2.3	10
17	Relative quantification of plasma N-glycans in type II congenital disorder of glycosylation patients by mass spectrometry. <i>Clinica Chimica Acta</i> , 2019, 492, 102-113.	0.5	11
18	Towards an experimental classification system for membrane active peptides. <i>Scientific Reports</i> , 2018, 8, 1194.	1.6	18

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19	Oligomerization affects the kinetics and thermodynamics of the interaction of a Bowman-Birk inhibitor with proteases. <i>Archives of Biochemistry and Biophysics</i> , 2017, 618, 9-14.	1.4	10
20	Encrypted Antimicrobial Peptides from Plant Proteins. <i>Scientific Reports</i> , 2017, 7, 13263.	1.6	28
21	The Antifungal Plant Defensin HsAFP1 Is a Phosphatidic Acid-Interacting Peptide Inducing Membrane Permeabilization. <i>Frontiers in Microbiology</i> , 2017, 8, 2295.	1.5	36
22	Synthesis and structure-activity relationships of novel arylpiperazines as potent antagonists of $\beta$ -1-adrenoceptor. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 601-610.	2.6	4
23	Cardanol-derived AChE inhibitors: Towards the development of dual binding derivatives for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 687-700.	2.6	82
24	Intragenic antimicrobial peptides from <i>Theobroma cacao</i> . <i>BMC Proceedings</i> , 2014, 8, .	1.8	0
25	The Skin Secretion of the Amphibian <i>Phyllomedusa nordestina</i> : A Source of Antimicrobial and Antiprotozoal Peptides. <i>Molecules</i> , 2013, 18, 7058-7070.	1.7	15
26	Diagnosing lysosomal storage diseases in a Brazilian non-newborn population by tandem mass spectrometry. <i>Clinics</i> , 2013, 68, 1469-1473.	0.6	7
27	Analysis of novel ARG1 mutations causing hyperargininemia and correlation with arginase I activity in erythrocytes. <i>Gene</i> , 2012, 509, 124-130.	1.0	35
28	Probing Protein Sequences as Sources for Encrypted Antimicrobial Peptides. <i>PLoS ONE</i> , 2012, 7, e45848.	1.1	51
29	The interaction of the antitoxin DM43 with a snake venom metalloproteinase analyzed by mass spectrometry and surface plasmon resonance. <i>Journal of Mass Spectrometry</i> , 2012, 47, 567-573.	0.7	11
30	Dermaseptins from <i>Phyllomedusa oreades</i> and <i>Phyllomedusa distincta</i> : Liposomes fusion and/or lysis investigated by fluorescence and atomic force microscopy. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2008, 151, 329-335.	0.8	12
31	Dermaseptins from <i>Phyllomedusa oreades</i> and <i>Phyllomedusa distincta</i> : Secondary structure, antimicrobial activity, and mammalian cell toxicity. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2008, 151, 336-343.	0.8	28
32	Novel dermaseptins from <i>Phyllomedusa hypochondrialis</i> (Amphibia). <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 739-746.	1.0	77
33	Bradykinin-related peptides from <i>Phyllomedusa hypochondrialis</i> . <i>Peptides</i> , 2006, 27, 2137-2146.	1.2	54
34	Phylloseptins: a novel class of anti-bacterial and anti-protozoan peptides from the <i>Phyllomedusa</i> genus. <i>Peptides</i> , 2005, 26, 565-573.	1.2	103
35	Dermaseptins from <i>Phyllomedusa oreades</i> and <i>Phyllomedusa distincta</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 49332-49340.	1.6	101