

# Matheus de Freitas Fernandes-Pedrosa

## List of Publications by Year in descending order

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122  
papers

2,649  
citations

172386

29  
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254106

43  
g-index

128  
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128  
docs citations

128  
times ranked

2929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spider and Bacterial Sphingomyelinases D Target Cellular Lysophosphatidic Acid Receptors by Hydrolyzing Lysophosphatidylcholine. <i>Journal of Biological Chemistry</i> , 2004, 279, 10833-10836.	1.6	116
2	Transcriptome analysis of <i>Loxosceles laeta</i> (Araneae, Sicariidae) spider venomous gland using expressed sequence tags. <i>BMC Genomics</i> , 2008, 9, 279.	1.2	110
3	Molecular cloning and expression of a functional dermonecrotic and haemolytic factor from <i>Loxosceles laeta</i> venom. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 638-645.	1.0	108
4	Structural Basis for Metal Ion Coordination and the Catalytic Mechanism of Sphingomyelinases D. <i>Journal of Biological Chemistry</i> , 2005, 280, 13658-13664.	1.6	90
5	Profiling the resting venom gland of the scorpion <i>Tityus stigmurus</i> through a transcriptomic survey. <i>BMC Genomics</i> , 2012, 13, 362.	1.2	74
6	<i>Loxosceles</i> Sphingomyelinase Induces Complement-Dependent Dermonecrosis, Neutrophil Infiltration, and Endogenous Gelatinase Expression. <i>Journal of Investigative Dermatology</i> , 2005, 124, 725-731.	0.3	72
7	Molecular cloning, expression, function and immunoreactivities of members of a gene family of sphingomyelinases from <i>Loxosceles</i> venom glands <sup>1</sup> . <i>Molecular Immunology</i> , 2004, 41, 831-840.	1.0	68
8	Structural insights into the catalytic mechanism of sphingomyelinases D and evolutionary relationship to glycerophosphodiester phosphodiesterases. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 323-329.	1.0	63
9	Anti-inflammatory activity of aqueous extract and bioactive compounds identified from the fruits of <i>Hancornia speciosa</i> Gomes (Apocynaceae). <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 275.	3.7	57
10	<i>Jatropha gossypifolia</i> L. (Euphorbiaceae): A Review of Traditional Uses, Phytochemistry, Pharmacology, and Toxicology of This Medicinal Plant. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-32.	0.5	55
11	Medicinal Plants for the Treatment of Local Tissue Damage Induced by Snake Venoms: An Overview from Traditional Use to Pharmacological Evidence. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-52.	0.5	52
12	Phytochemical study and anti-inflammatory and antioxidant potential of <i>Spondias mombin</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 304-311.	0.6	49
13	A New Anti-loxoscelic Serum Produced Against Recombinant Sphingomyelinase D: Results of Preclinical Trials. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 463-470.	0.6	47
14	Tetracycline Protects against Dermonecrosis Induced by <i>Loxosceles</i> Spider Venom. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1410-1418.	0.3	46
15	Structural characterization of a novel peptide with antimicrobial activity from the venom gland of the scorpion <i>Tityus stigmurus</i> : Stigmurin. <i>Peptides</i> , 2015, 68, 3-10.	1.2	46
16	Improving Encapsulation of Hydrophilic Chloroquine Diphosphate into Biodegradable Nanoparticles: A Promising Approach against Herpes Virus Simplex-1 Infection. <i>Pharmaceutics</i> , 2018, 10, 255.	2.0	45
17	Role of Matrix Metalloproteinases in HaCaT Keratinocytes Apoptosis Induced by <i>Loxosceles</i> Venom Sphingomyelinase D. <i>Journal of Investigative Dermatology</i> , 2006, 126, 61-68.	0.3	44
18	Sphingomyelinases D induce direct association of C1q to the erythrocyte membrane causing complement mediated autologous haemolysis. <i>Molecular Immunology</i> , 2007, 44, 576-582.	1.0	42

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19	Aqueous Leaf Extract of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) Inhibits Enzymatic and Biological Actions of Bothrops jararaca Snake Venom. <i>PLoS ONE</i> , 2014, 9, e104952.	1.1	40
20	SMase II, a new sphingomyelinase D from <i>Loxosceles laeta</i> venom gland: Molecular cloning, expression, function and structural analysis. <i>Toxicon</i> , 2009, 53, 743-753.	0.8	38
21	Triethanolamine Stabilization of Methotrexate- $\beta$ -Cyclodextrin Interactions in Ternary Complexes. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17077-17099.	1.8	38
22	Potent and Broad-Spectrum Antimicrobial Activity of Analogs from the Scorpion Peptide Stigmurin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 623.	1.8	38
23	<i>Kalanchoe laciniata</i> and <i>Bryophyllum pinnatum</i> : an updated review about ethnopharmacology, phytochemistry, pharmacology and toxicology. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 529-558.	0.6	36
24	Host-guest interactions between benzimidazole and beta-cyclodextrin in multicomponent complex systems involving hydrophilic polymers and triethanolamine in aqueous solution. <i>Journal of Molecular Liquids</i> , 2013, 186, 147-156.	2.3	35
25	Inhibitory Effects of Hydroethanolic Leaf Extracts of <i>Kalanchoe brasiliensis</i> and <i>Kalanchoe pinnata</i> (Crassulaceae) against Local Effects Induced by <i>Bothrops jararaca</i> Snake Venom. <i>PLoS ONE</i> , 2016, 11, e0168658.	1.1	35
26	Aqueous extract from <i>Ipomoea asarifolia</i> (Convolvulaceae) leaves and its phenolic compounds have anti-inflammatory activity in murine models of edema, peritonitis and air-pouch inflammation. <i>Journal of Ethnopharmacology</i> , 2016, 192, 225-235.	2.0	34
27	In vitro anticoagulant and antioxidant activities of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) leaves aiming therapeutical applications. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 405.	3.7	33
28	Compatibility study between chitosan and pharmaceutical excipients used in solid dosage forms. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 1091-1100.	2.0	32
29	Analogs of the Scorpion Venom Peptide Stigmurin: Structural Assessment, Toxicity, and Increased Antimicrobial Activity. <i>Toxins</i> , 2018, 10, 161.	1.5	30
30	Intestinal Anti-Inflammatory Activity of the Aqueous Extract from <i>Ipomoea asarifolia</i> in DNBS-Induced Colitis in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4016.	1.8	29
31	Inhibition of local effects induced by <i>Bothrops erythromelas</i> snake venom: Assessment of the effectiveness of Brazilian polyvalent bothropic antivenom and aqueous leaf extract of <i>Jatropha gossypifolia</i> . <i>Toxicon</i> , 2017, 125, 74-83.	0.8	28
32	Serum production against <i>Tityus serrulatus</i> scorpion venom using cross-linked chitosan nanoparticles as immunoadjuvant. <i>Toxicon</i> , 2012, 60, 1349-1354.	0.8	26
33	Structural and thermal properties of spray-dried methotrexate-loaded biodegradable microparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 555-565.	2.0	26
34	Aqueous Leaf Extract of <i>Jatropha mollissima</i> (Pohl) Bail Decreases Local Effects Induced by Bothropic Venom. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	24
35	<i>Spondias tuberosa</i> (Anacardiaceae) leaves: profiling phenolic compounds by HPLC-DAD and LC-MS/MS and in vivo anti-inflammatory activity. <i>Biomedical Chromatography</i> , 2016, 30, 1656-1665.	0.8	24
36	Local anti-inflammatory activity: Topical formulation containing <i>Kalanchoe brasiliensis</i> and <i>Kalanchoe pinnata</i> leaf aqueous extract. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108721.	2.5	24

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37	Surfactant-cosurfactant interactions and process parameters involved in the formulation of stable and small droplet-sized benznidazole-loaded soybean O/W emulsions. <i>Journal of Molecular Liquids</i> , 2014, 196, 178-186.	2.3	23
38	Interaction pathways of specific co-solvents with hydroxypropyl- $\beta$ -cyclodextrin inclusion complexes with benznidazole in liquid and solid phase. <i>Journal of Molecular Liquids</i> , 2016, 223, 350-359.	2.3	23
39	Characterization of TistH, a multifunctional peptide from the scorpion <i>Tityus stigmurus</i> : Structure, cytotoxicity and antimicrobial activity. <i>Toxicon</i> , 2016, 119, 362-370.	0.8	23
40	Designing structural features of novel benznidazole-loaded cationic nanoparticles for inducing slow drug release and improvement of biological efficacy. <i>Materials Science and Engineering C</i> , 2017, 78, 978-987.	3.8	23
41	Biology, venom composition, and scorpionism induced by brazilian scorpion <i>Tityus stigmurus</i> (Thorell, 1876) (Scorpiones: Buthidae): A mini-review. <i>Toxicon</i> , 2020, 185, 36-45.	0.8	23
42	Inclusion Complexes of Copaiba ( <i>Copaifera multijuga</i> Hayne) Oleoresin and Cyclodextrins: Physicochemical Characterization and Anti-Inflammatory Activity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2388.	1.8	22
43	Development of an effective and safe topical anti-inflammatory gel containing <i>Jatropha gossypifolia</i> leaf extract: Results from a pre-clinical trial in mice. <i>Journal of Ethnopharmacology</i> , 2018, 227, 268-278.	2.0	21
44	Tailoring microstructural, drug release properties, and antichagasic efficacy of biocompatible oil-in-water benznidazol-loaded nanoemulsions. <i>International Journal of Pharmaceutics</i> , 2019, 555, 36-48.	2.6	21
45	Homology modeling, vasorelaxant and bradykinin-potentiating activities of a novel hypotensin found in the scorpion venom from <i>Tityus stigmurus</i> . <i>Toxicon</i> , 2015, 101, 11-18.	0.8	20
46	Stigmurin and TsAP-2 from <i>Tityus stigmurus</i> scorpion venom: Assessment of structure and therapeutic potential in experimental sepsis. <i>Toxicon</i> , 2016, 121, 10-21.	0.8	20
47	New Trends on Antineoplastic Therapy Research: Bullfrog ( <i>Rana catesbeiana</i> Shaw) Oil Nanostructured Systems. <i>Molecules</i> , 2016, 21, 585.	1.7	19
48	Comparison of two <i>Jatropha</i> species (Euphorbiaceae) used popularly to treat snakebites in Northeastern Brazil: Chemical profile, inhibitory activity against <i>Bothrops erythromelas</i> venom and antibacterial activity. <i>Journal of Ethnopharmacology</i> , 2018, 213, 12-20.	2.0	19
49	Physicochemical aspects involved in methotrexate release kinetics from biodegradable spray-dried chitosan microparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 81, 27-33.	1.9	18
50	Biodegradable cross-linked chitosan nanoparticles improve anti- <i>Candida</i> and anti-biofilm activity of TistH, a peptide identified in the venom gland of the <i>Tityus stigmurus</i> scorpion. <i>Materials Science and Engineering C</i> , 2019, 103, 109830.	3.8	18
51	Mass spectrometry characterization of <i>Commiphora leptophloeos</i> leaf extract and preclinical evaluation of toxicity and anti-inflammatory potential effect. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113229.	2.0	18
52	Molecular approaches for structural characterization of a new potassium channel blocker from <i>Tityus stigmurus</i> venom: cDNA cloning, homology modeling, dynamic simulations and docking. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 113-118.	1.0	17
53	Production of Enzymes by <i>Paenibacillus chitinolyticus</i> and <i>Paenibacillus ehimensis</i> to Obtain Chitoooligosaccharides. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 292-300.	1.4	17
54	Protein-Rich Fraction of <i>Cnidioscolus urens</i> (L.) Arthur Leaves: Enzymatic Characterization and Procoagulant and Fibrinogenolytic Activities. <i>Molecules</i> , 2014, 19, 3552-3569.	1.7	17

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55	Cationic functionalized biocompatible polylactide nanoparticles for slow release of proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 442-451.	2.3	17
56	Phase Transitions of Isotropic to Anisotropic Biocompatible Lipid-Based Drug Delivery Systems Overcoming Insoluble Benzimidazole Loading. <i>International Journal of Molecular Sciences</i> , 2016, 17, 981.	1.8	16
57	Tailoring Drug Release Properties by Gradual Changes in the Particle Engineering of Polysaccharide Chitosan Based Powders. <i>Polymers</i> , 2017, 9, 253.	2.0	16
58	Antimicrobial Activity of Chitosan Oligosaccharides with Special Attention to Antiparasitic Potential. <i>Marine Drugs</i> , 2021, 19, 110.	2.2	16
59	<i>Bothrops jararaca</i> and <i>Bothrops erythromelas</i> Snake Venoms Promote Cell Cycle Arrest and Induce Apoptosis via the Mitochondrial Depolarization of Cervical Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	0.5	15
60	Self-Assembled Benzimidazole-Loaded Cationic Nanoparticles Containing Cholesterol/Sialic Acid: Physicochemical Properties, In Vitro Drug Release and In Vitro Anticancer Efficacy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2350.	1.8	15
61	Structure and in vitro activities of a Copper II-chelating anionic peptide from the venom of the scorpion <i>Tityus stigmurus</i> . <i>Peptides</i> , 2017, 94, 91-98.	1.2	14
62	Phytochemical Analysis by HPLC-MS and Anti-Inflammatory Activity of <i>Tabernaemontana catharinensis</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 636.	1.8	14
63	Evaluation of genotoxic and antioxidant activity of an <i>Aesculus hippocastanum</i> L. (Sapindaceae) phytotherapeutic agent. <i>Biomedicine and Preventive Nutrition</i> , 2013, 3, 261-266.	0.9	13
64	<i>Ipomoea asarifolia</i> neutralizes inflammation induced by <i>Tityus serrulatus</i> scorpion venom. <i>Journal of Ethnopharmacology</i> , 2014, 153, 890-895.	2.0	13
65	A biotechnological approach to immunotherapy: Antivenom against <i>Crotalus durissus cascavella</i> snake venom produced from biodegradable nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1917-1924.	3.6	13
66	Mangaba ( <i>Hancornia speciosa</i> Gomes) fruit juice decreases acute pulmonary edema induced by <i>Tityus serrulatus</i> venom: Potential application for auxiliary treatment of scorpion stings. <i>Toxicon</i> , 2020, 179, 42-52.	0.8	13
67	Conformational changes of <i>Loxosceles</i> venom sphingomyelinases monitored by circular dichroism. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 117-123.	1.0	12
68	Antivenom Production against <i>Bothrops jararaca</i> and <i>Bothrops erythromelas</i> Snake Venoms Using Cross-Linked Chitosan Nanoparticles as an Immunoadjuvant. <i>Toxins</i> , 2018, 10, 158.	1.5	12
69	Getting the Jump on the Development of Bullfrog Oil Microemulsions: a Nanocarrier for Amphotericin B Intended for Antifungal Treatment. <i>AAPS PharmSciTech</i> , 2018, 19, 2585-2597.	1.5	12
70	Chitosan Film Containing <i>Mansoa hirsuta</i> Fraction for Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 484.	2.0	12
71	Antifungal and Antibiofilm Activities of B-Type Oligomeric Procyanidins From <i>Commiphora leptophloeos</i> Used Alone or in Combination With Fluconazole Against <i>Candida</i> spp.. <i>Frontiers in Microbiology</i> , 2021, 12, 613155.	1.5	12
72	A new anti-loxoscelic serum produced against recombinant sphingomyelinase D: results of preclinical trials. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 463-70.	0.6	12

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73	Neutralizing Effects of <i>Mimosa tenuiflora</i> Extracts against Inflammation Caused by <i>Tityus serrulatus</i> Scorpion Venom. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	11
74	Hydrophilic and hydrophobic polymeric benzimidazole-loaded nanoparticles: Physicochemical properties and in vitro antitumor efficacy. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 700-707.	1.4	11
75	Hydrophobin-stabilized nanoemulsion produced by a low-energy emulsification process: A promising carrier for nutraceuticals. <i>Food Hydrocolloids</i> , 2019, 89, 749-757.	5.6	11
76	PA-Int5: An isatin-thiosemicarbazone derivative that exhibits anti-nociceptive and anti-inflammatory effects in Swiss mice. <i>Biomedical Reports</i> , 2021, 15, 61.	0.9	11
77	Supramolecular aggregates of oligosaccharides with co-solvents in ternary systems for the solubilizing approach of triamcinolone. <i>Carbohydrate Polymers</i> , 2016, 151, 1040-1051.	5.1	10
78	Iridoids from leaf extract of <i>Genipa americana</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 641-644.	0.6	10
79	Isolation, spectral characterization, molecular docking, and cytotoxic activity of alkaloids from <i>Erythroxylum pungens</i> O. E. Schulz. <i>Phytochemistry</i> , 2018, 155, 12-18.	1.4	10
80	Protective effect of aqueous extract, fractions and phenolic compounds of <i>Hancornia speciosa</i> fruits on the inflammatory damage in the lungs of mice induced by <i>Tityus serrulatus</i> envenomation. <i>Toxicon</i> , 2019, 164, 1-9.	0.8	10
81	Tailoring structural properties of spray-dried methotrexate-loaded poly (lactic acid)/poloxamer microparticle blends. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 12.	1.7	10
82	Supramolecular aggregates of cyclodextrins with co-solvent modulate drug dispersion and release behavior of poorly soluble corticosteroid from chitosan membranes. <i>Carbohydrate Polymers</i> , 2020, 248, 116724.	5.1	10
83	Antiphidic potential of chlorogenic acid and rosmarinic acid against <i>Bothrops leucurus</i> snake venom. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112766.	2.5	10
84	Validação de método analítico por espectrofotometria UV para sistema emulsionado lipídico contendo benzimidazol. <i>Quimica Nova</i> , 2011, 34, 1459-1463.	0.3	9
85	Monitoring structural features, biocompatibility and biological efficacy of gamma-irradiated methotrexate-loaded spray-dried microparticles. <i>Materials Science and Engineering C</i> , 2017, 80, 438-448.	3.8	9
86	NMR three-dimensional structure of the cationic peptide Stigmurin from <i>Tityus stigmurus</i> scorpion venom: In vitro antioxidant and in vivo antibacterial and healing activity. <i>Peptides</i> , 2021, 137, 170478.	1.2	9
87	Production and Characterization of Chitoooligosaccharides: Evaluation of Acute Toxicity, Healing, and Anti-Inflammatory Actions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10631.	1.8	9
88	Self-assembled scorpion venom proteins cross-linked chitosan nanoparticles for use in the immunotherapy. <i>Journal of Molecular Liquids</i> , 2017, 241, 540-548.	2.3	8
89	<i>Aspidosperma pyrifolium</i> Has Anti-Inflammatory Properties: An Experimental Study in Mice with Peritonitis Induced by <i>Tityus serrulatus</i> Venom or Carrageenan. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2248.	1.8	8
90	Phytol-Loaded Solid Lipid Nanoparticles as a Novel Anticandidal Nanobiotechnological Approach. <i>Pharmaceutics</i> , 2020, 12, 871.	2.0	8

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91	The potential of phenolic acids in therapy against snakebites: A review. <i>Toxicon</i> , 2022, 208, 1-12.	0.8	8
92	Anti-inflammatory and antinociceptive effects of the isatin derivative (Z)-2-(5-chloro-2-oxoindolin-3-ylidene)-N-phenyl-hydrazinecarbothioamide in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e10204.	0.7	7
93	HPLC-DAD and UV-Vis Spectrophotometric Methods for Methotrexate Assay in Different Biodegradable Microparticles. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	6
94	Colloidal properties of self-assembled cationic hyperbranched-polyethyleneimine covered poly lactide-co-glycolide nanoparticles: Exploring modified release and cell delivery of methotrexate. <i>Journal of Molecular Liquids</i> , 2020, 315, 113721.	2.3	6
95	Antimicrobial Peptide Analogs From Scorpions: Modifications and Structure-Activity. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	6
96	Crystallization and preliminary crystallographic analysis of SMase I, a sphingomyelinase from <i>Loxosceles laetaspider</i> venom. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1112-1114.	2.5	5
97	Identificação botânica e química de espécies vegetais de uso popular no Rio Grande do Norte, Brasil. <i>Revista Brasileira De Plantas Medicinai</i> s, 2012, 14, 548-555.	0.3	5
98	Influence of the Freeze-Drying Process on the Physicochemical and Biological Properties of Pre-heated Amphotericin B Micellar Systems. <i>AAPS PharmSciTech</i> , 2014, 15, 612-619.	1.5	5
99	<i>Tityus serrulatus</i> Scorpion Venom Induces Apoptosis in Cervical Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-8.	0.5	5
100	Molecular basis of <i>Tityus stigmurus</i> alpha toxin and potassium channel $Kv1.2$ interactions. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 87, 197-203.	1.3	5
101	Potentialities of Cashew Nut ( <i>Anacardium occidentale</i> ) By-Product for Pharmaceutical Applications: Extraction and Purification Technologies, Safety, and Anti-inflammatory and Anti-arthritis Activities. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 652-666.	0.6	5
102	Anti-Inflammatory Activity of Bullfrog Oil Polymeric Nanocapsules: From the Design to Preclinical Trials. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7353-7367.	3.3	5
103	Surfactant-oil interactions overcoming physicochemical instability and insoluble praziquantel loading in soybean oil dispersions. <i>Journal of Molecular Liquids</i> , 2018, 255, 288-296.	2.3	4
104	Designing and monitoring microstructural properties of oligosaccharide/co-solvent ternary complex particles to improve benzimidazole dissolution. <i>Journal of Materials Science</i> , 2018, 53, 2472-2483.	1.7	4
105	Phytochemical analysis and preclinical toxicological, antioxidant, and anti-inflammatory evaluation of hydroethanol extract from the roots of <i>Harpalyce brasiliensis</i> Benth (Leguminosae). <i>Journal of Ethnopharmacology</i> , 2022, 294, 115364.	2.0	4
106	Phytochemical analysis by UPLC-QTOF-MS/MS and evaluation of antioxidant and anti-inflammatory activities of the extract and fractions from flowers of <i>Cochlospermum vitifolium</i> . <i>South African Journal of Botany</i> , 2022, 148, 293-306.	1.2	4
107	Self-Assembled Cationic-Covered Nanoemulsion as A Novel Biocompatible Immunoadjuvant for Antiserum Production Against <i>Tityus serrulatus</i> Scorpion Venom. <i>Pharmaceutics</i> , 2020, 12, 927.	2.0	3
108	Purification of chitosanases produced by <i>Bacillus toyonensis</i> CCT 7899 and functional oligosaccharides production. <i>Preparative Biochemistry and Biotechnology</i> , 2021, , 1-9.	1.0	3

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109	Development and validation of a stability indicating HPLC-DAD method for the determination of the peptide stigmurin. <i>Microchemical Journal</i> , 2020, 157, 104921.	2.3	3
110	TanP: A Multifunctional Anionic Peptide From <i>Tityus stigmurus</i> Scorpion Venom. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 785316.	1.6	3
111	Monitoring thermal, structural properties, methotrexate release and biological activity from biocompatible spray-dried microparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1481-1490.	2.0	2
112	Bullfrog Oil Reduces the Carrageenan-induced Edema in Wistar Rats by <i>in vitro</i> Reduction of Inflammatory Mediators. <i>Journal of Oleo Science</i> , 2020, 69, 133-142.	0.6	2
113	Toxicological and pharmacological effects of pentacyclic triterpenes rich fraction obtained from the leaves of <i>Mansoa hirsuta</i> . <i>Biomedicine and Pharmacotherapy</i> , 2021, , 112478.	2.5	2
114	Kinetic study of the thermal decomposition of the compound of terbium(III) trifluoromethanesulfonate and hexamethylphosphoramide (HMPA) employing both Zsak's and nonlinear methods. <i>Journal of Alloys and Compounds</i> , 2000, 303-304, 142-145.	2.8	1
115	Serum production against <i>Crotalus durissus cascavella</i> snake venom using a biotechnological approach as immunoadjuvant. <i>Toxicon</i> , 2019, 168, S38.	0.8	1
116	Thermal characterization of antimicrobial peptide stigmurin employing thermal analytical techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3765-3779.	2.0	1
117	High Performance Liquid Chromatography-Diode Array Detector Method for Benzimidazole Quantitation in Lipid Based and Self Assembling Cyclodextrins Drug Delivery Systems. <i>Journal of Analytical Chemistry</i> , 2020, 75, 922-929.	0.4	1
118	Phytochemical screening and antibacterial activity of <i>Solanum paniculatum</i> Linn. against planktonic oral bacteria. <i>African Journal of Microbiology Research</i> , 2014, 8, 1001-1005.	0.4	1
119	In silico and in vitro structure-stability-function relationship of analog peptides of Stigmurin and its antibacterial and antibiofilm activities. <i>Pharmacological Research</i> , 2022, 181, 106245.	3.1	1
120	The Medicinal Value of Biodiversity: New Hits to Fight Cancer. , 0, , .		0
121	Inhibitory potential of enzymatic activities of <i>Bothrops leucurus</i> snake venom by brazilian antiothropic serum. <i>Toxicon</i> , 2019, 168, S37.	0.8	0
122	Improved activity of anti-Candida of peptide TistH ( <i>Tityus stigmurus</i> scorpion) encapsulated in chitosan nanoparticles. <i>Toxicon</i> , 2019, 168, S31-S32.	0.8	0