

Hugo Alexandre Oliveira Rocha

List of Publications by Year in descending order

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142
papers

5,683
citations

109137

35
h-index

91712

69
g-index

143
all docs

143
docs citations

143
times ranked

6778
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the Use of Chitosan Contribute to Oxalate Kidney Stone Formation?. <i>Marine Drugs</i> , 2015, 13, 141-158.	2.2	670
2	Biological activities of sulfated polysaccharides from tropical seaweeds. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 21-28.	2.5	509
3	Antioxidant activities of sulfated polysaccharides from brown and red seaweeds. <i>Journal of Applied Phycology</i> , 2007, 19, 153-160.	1.5	419
4	A sulfated polysaccharide, fucans, isolated from brown algae <i>Sargassum vulgare</i> with anticoagulant, antithrombotic, antioxidant and anti-inflammatory effects. <i>Carbohydrate Polymers</i> , 2013, 91, 467-475.	5.1	226
5	Anticoagulant activity, paw edema and pleurisy induced carrageenan: Action of major types of commercial carrageenans. <i>Carbohydrate Polymers</i> , 2010, 79, 26-33.	5.1	171
6	Inhibition of reverse transcriptase activity of HIV by polysaccharides of brown algae. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 303-307.	2.5	153
7	Structural and Hemostatic Activities of a Sulfated Galactofucan from the Brown Alga <i>Spatoglossum schroederi</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 41278-41288.	1.6	133
8	BC nanofibres: In vitro study of genotoxicity and cell proliferation. <i>Toxicology Letters</i> , 2009, 189, 235-241.	0.4	123
9	Antioxidant and Antiproliferative Activities of Heterofucans from the Seaweed <i>Sargassum filipendula</i> . <i>Marine Drugs</i> , 2011, 9, 952-966.	2.2	121
10	Heterofucans from the Brown Seaweed <i>Canistrocarpus cervicornis</i> with Anticoagulant and Antioxidant Activities. <i>Marine Drugs</i> , 2011, 9, 124-138.	2.2	116
11	Antiinflammatory, antioxidant and cytotoxic actions of β -glucan-rich extract from <i>Geastrum saccatum</i> mushroom. <i>International Immunopharmacology</i> , 2007, 7, 1160-1169.	1.7	99
12	A preponderantly 4-sulfated, 3-linked galactan from the green alga <i>Codium isthmocladum</i> . <i>Glycobiology</i> , 2007, 18, 250-259.	1.3	98
13	Structure and pharmacological activities of a sulfated xylofucoglucuronan from the alga <i>Spatoglossum schroederi</i> . <i>Plant Science</i> , 1998, 132, 215-228.	1.7	85
14	In Vitro Antioxidant, Anticoagulant and Antimicrobial Activity and in Inhibition of Cancer Cell Proliferation by Xylan Extracted from Corn Cobs. <i>International Journal of Molecular Sciences</i> , 2012, 13, 409-426.	1.8	85
15	Heparins and Heparinoids: Occurrence, Structure and Mechanism of Antithrombotic and Hemorrhagic Activities. <i>Current Pharmaceutical Design</i> , 2004, 10, 951-966.	0.9	85
16	Anticoagulant, Antioxidant and Antitumor Activities of Heterofucans from the Seaweed <i>Dictyopteris delicatula</i> . <i>International Journal of Molecular Sciences</i> , 2011, 12, 3352-3365.	1.8	84
17	Sulfated galactofucan from <i>Lobophora variegata</i> : Anticoagulant and anti-inflammatory properties. <i>Biochemistry (Moscow)</i> , 2008, 73, 1018-1024.	0.7	63
18	In Vitro and In Vivo Antimalarial Activity of Essential Oils and Chemical Components from Three Medicinal Plants Found in Northeastern Brazil. <i>Planta Medica</i> , 2012, 78, 658-664.	0.7	54

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19	Antioxidant and Antiproliferative Activities of Leaf Extracts from <i>Plukenetia volubilis</i> Linneo (Euphorbiaceae). Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	0.5	51
20	Evaluation of Sulfated Polysaccharides from the Brown Seaweed <i>Dictyota Justii</i> as Antioxidant Agents and as Inhibitors of the Formation of Calcium Oxalate Crystals. Molecules, 2013, 18, 14543-14563.	1.7	50
21	Phytochemical study and anti-inflammatory and antioxidant potential of <i>Spondias mombin</i> leaves. Revista Brasileira De Farmacognosia, 2016, 26, 304-311.	0.6	49
22	Sulfation of the extracellular polysaccharide produced by the edible mushroom <i>Pleurotus sajor-caju</i> alters its antioxidant, anticoagulant and antiproliferative properties in vitro. Carbohydrate Polymers, 2011, 85, 514-521.	5.1	48
23	Evaluation of Anti-Nociceptive and Anti-Inflammatory Activities of a Heterofucan from <i>Dictyota menstrualis</i> . Marine Drugs, 2013, 11, 2722-2740.	2.2	48
24	Proteolysis, NaOH and Ultrasound-Enhanced Extraction of Anticoagulant and Antioxidant Sulfated Polysaccharides from the Edible Seaweed, <i>Gracilaria birdiae</i> . Molecules, 2014, 19, 18511-18526.	1.7	46
25	Low-level laser therapy promotes proliferation and invasion of oral squamous cell carcinoma cells. Lasers in Medical Science, 2014, 29, 1385-95.	1.0	45
26	Effects of Purified <i>Saccharomyces cerevisiae</i> (1 β)-D-Glucan on Venous Ulcer Healing. International Journal of Molecular Sciences, 2012, 13, 8142-8158.	1.8	44
27	A Lactose-Binding Lectin from the Marine Sponge <i>Cinachyrella Apion</i> (Cal) Induces Cell Death in Human Cervical Adenocarcinoma Cells. Marine Drugs, 2012, 10, 727-743.	2.2	44
28	Heterofucan from <i>Sargassum filipendula</i> Induces Apoptosis in HeLa Cells. Marine Drugs, 2011, 9, 603-614.	2.2	43
29	Application of Dithiocarbamates as Potential New Antitrypanosomatids-Drugs: Approach Chemistry, Functional and Biological. Molecules, 2019, 24, 2806.	1.7	43
30	Antioxidant, antiproliferative, and immunostimulatory effects of cell wall 1 β -D-mannan fractions from <i>Kluyveromyces marxianus</i> . International Journal of Biological Macromolecules, 2018, 109, 837-846.	3.6	42
31	Aqueous Leaf Extract of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) Inhibits Enzymatic and Biological Actions of <i>Bothrops jararaca</i> Snake Venom. PLoS ONE, 2014, 9, e104952.	1.1	40
32	A Non-Anticoagulant Heterofucan has Antithrombotic Activity <i>in vivo</i> . Planta Medica, 2008, 74, 712-718.	0.7	39
33	Evaluating the possible anticoagulant and antioxidant effects of sulfated polysaccharides from the tropical green alga <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . Journal of Applied Phycology, 2012, 24, 1159-1167.	1.5	39
34	The Protective Role of Sulfated Polysaccharides from Green Seaweed <i>Udotea flabellum</i> in Cells Exposed to Oxidative Damage. Marine Drugs, 2018, 16, 135.	2.2	38
35	Evaluation of <i>in vitro</i> and <i>in vivo</i> safety of the by-product of <i>Agave sisalana</i> as a new cosmetic raw material: Development and clinical evaluation of a nanoemulsion to improve skin moisturizing. Industrial Crops and Products, 2017, 108, 470-479.	2.5	37
36	Chemical structure, antiproliferative and antioxidant activities of a cell wall 1 β -D-mannan from yeast <i>Kluyveromyces marxianus</i> . Carbohydrate Polymers, 2017, 157, 1298-1305.	5.1	37

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37	Fucan Inhibits Chinese Hamster Ovary Cell (CHO) Adhesion to Fibronectin by Binding to the Extracellular Matrix. <i>Planta Medica</i> , 2005, 71, 628-633.	0.7	35
38	Evaluating the possible genotoxic, mutagenic and tumor cell proliferation inhibition effects of a non-anticoagulant, but antithrombotic algal heterofucan. <i>Journal of Applied Toxicology</i> , 2010, 30, 708-715.	1.4	35
39	Freshwater Plants Synthesize Sulfated Polysaccharides: Heterogalactans from Water Hyacinth (<i>Eichhornia crassipes</i>). <i>International Journal of Molecular Sciences</i> , 2012, 13, 961-976.	1.8	34
40	Telmisartan induces apoptosis and regulates Bcl-2 in human renal cancer cells. <i>Experimental Biology and Medicine</i> , 2015, 240, 34-44.	1.1	34
41	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
42	Antioxidant and Antiproliferative Activities of Methanolic Extract from a Neglected Agricultural Product: Corn Cobs. <i>Molecules</i> , 2014, 19, 5360-5378.	1.7	31
43	Dextran: Influence of Molecular Weight in Antioxidant Properties and Immunomodulatory Potential. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1340.	1.8	30
44	Analogues of the Scorpion Venom Peptide Stigmurin: Structural Assessment, Toxicity, and Increased Antimicrobial Activity. <i>Toxins</i> , 2018, 10, 161.	1.5	30
45	Structural and inhibitory properties of a plant proteinase inhibitor containing the RGD motif. <i>International Journal of Biological Macromolecules</i> , 2006, 40, 22-29.	3.6	29
46	Methanolic Extracts from Brown Seaweeds <i>Dictyota cilliolata</i> and <i>Dictyota menstrualis</i> Induce Apoptosis in Human Cervical Adenocarcinoma HeLa Cells. <i>Molecules</i> , 2015, 20, 6573-6591.	1.7	29
47	Low-level laser irradiation induces in vitro proliferation of stem cells from human exfoliated deciduous teeth. <i>Lasers in Medical Science</i> , 2018, 33, 95-102.	1.0	29
48	A heparin-like compound isolated from a marine crab rich in glucuronic acid 2-O-sulfate presents low anticoagulant activity. <i>Carbohydrate Polymers</i> , 2013, 94, 647-654.	5.1	27
49	Genotoxicity and osteogenic potential of sulfated polysaccharides from <i>Caulerpa prolifera</i> seaweed. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 565-571.	3.6	27
50	Green Synthesis of Antileishmanial and Antifungal Silver Nanoparticles Using Corn Cob Xylan as a Reducing and Stabilizing Agent. <i>Biomolecules</i> , 2020, 10, 1235.	1.8	27
51	Synthesis of Silver Nanoparticle Employing Corn Cob Xylan as a Reducing Agent with Anti- <i>Trypanosoma cruzi</i> Activity. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 965-979.	3.3	27
52	Evaluation of the antiproliferative activity of 2-amino thiophene derivatives against human cancer cells lines. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 403-414.	2.5	26
53	The binding of heparin to the extracellular matrix of endothelial cells up-regulates the synthesis of an antithrombotic heparan sulfate proteoglycan. <i>Journal of Cellular Physiology</i> , 2008, 217, 328-337.	2.0	25
54	Chitoooligosaccharides antagonize the cytotoxic effect of glucosamine. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1097-1105.	1.7	25

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55	Fucan-coated silver nanoparticles synthesized by a green method induce human renal adenocarcinoma cell death. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 57-65.	3.6	25
56	Antibacterial, Antiproliferative, and Immunomodulatory Activity of Silver Nanoparticles Synthesized with Fucans from the Alga <i>Dictyota mertensii</i> . <i>Nanomaterials</i> , 2018, 8, 6.	1.9	25
57	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
58	Immunomodulatory effects and antimicrobial activity of heterofucans from <i>Sargassum filipendula</i> . <i>Journal of Applied Phycology</i> , 2018, 30, 569-578.	1.5	23
59	Diosgenin induces genotoxic and mutagenic effects on HepG2 cells. <i>Food and Chemical Toxicology</i> , 2018, 120, 98-103.	1.8	23
60	Pharmacological prospection and structural characterization of two purified sulfated and pyruvylated homogalactans from green algae <i>Codium isthmocladum</i> . <i>Carbohydrate Polymers</i> , 2019, 222, 115010.	5.1	23
61	<i>Caulerpa Cupressoides</i> Var. <i>Flabellata</i> . <i>Marine Drugs</i> , 2019, 17, 105.	2.2	23
62	A Xylogalactofucan from the Brown Seaweed <i>Spatoglossum schr�ederi</i> Stimulates the Synthesis of an Antithrombotic Heparan Sulfate from Endothelial Cells. <i>Planta Medica</i> , 2005, 71, 379-381.	0.7	22
63	Biological activities of the sulfated polysaccharide from the vascular plant <i>Halodule wrightii</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 94-101.	0.6	21
64	Gallic Acid-Chitosan Conjugate Inhibits the Formation of Calcium Oxalate Crystals. <i>Molecules</i> , 2019, 24, 2074.	1.7	21
65	In Vitro Studies Reveal Antiurolithic Effect of Antioxidant Sulfated Polysaccharides from the Green Seaweed <i>Caulerpa cupressoides</i> var <i>flabellata</i> . <i>Marine Drugs</i> , 2019, 17, 326.	2.2	21
66	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019, 210, 245-253.	5.1	21
67	Sulfated fucans extracted from algae <i>Padina gymnospora</i> have anti-inflammatory effect. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 115-122.	0.6	20
68	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
69	Antioxidant Fucoindans Obtained from Tropical Seaweed Protect Pre-Osteoblastic Cells from Hydrogen Peroxide-Induced Damage. <i>Marine Drugs</i> , 2019, 17, 506.	2.2	20
70	Anti-Thrombin, Anti-Adhesive, Anti-Migratory, and Anti-Proliferative Activities of Sulfated Galactans from the Tropical Green Seaweed, <i>Udotea flabellum</i> . <i>Marine Drugs</i> , 2019, 17, 5.	2.2	20
71	Gallic Acid-Laminarin Conjugate Is a Better Antioxidant than Sulfated or Carboxylated Laminarin. <i>Antioxidants</i> , 2020, 9, 1192.	2.2	20
72	New Trends on Antineoplastic Therapy Research: Bullfrog (<i>Rana catesbeiana</i> Shaw) Oil Nanostructured Systems. <i>Molecules</i> , 2016, 21, 585.	1.7	19

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73	Commercial Fucoïdians from <i>Fucus vesiculosus</i> Can Be Grouped into Antiadipogenic and Adipogenic Agents. <i>Marine Drugs</i> , 2018, 16, 193.	2.2	19
74	Gallic Acid-Dextran Conjugate: Green Synthesis of a Novel Antioxidant Molecule. <i>Antioxidants</i> , 2019, 8, 478.	2.2	19
75	Evaluation of acute and subchronic toxicity of a non-anticoagulant, but antithrombotic algal heterofucan from the <i>Spatoglossum schr�ederi</i> in Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 674-679.	0.6	18
76	Biocompatibility of a Self-Assembled Crosslinkable Hyaluronic Acid Nanogel. <i>Macromolecular Bioscience</i> , 2016, 16, 1610-1620.	2.1	18
77	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
78	Composition and significance of glycosaminoglycans in the uterus and placenta of mammals. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 512-520.	0.5	17
79	Antioxidant stability enhancement of carotenoid rich-extract from Cantaloupe melon (<i>Cucumis melo</i>) Tj ETQq1 1 0.784314 rgBT /Ove 4.2 17	4.2	17
80	<i>Libidibia ferrea</i> presents antiproliferative, apoptotic and antioxidant effects in a colorectal cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 696-706.	2.5	16
81	In Vitro Antitumor Potential of Sulfated Polysaccharides from Seaweed <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Marine Biotechnology</i> , 2021, 23, 77-89.	1.1	16
82	Antimicrobial Activity of Chitosan Oligosaccharides with Special Attention to Antiparasitic Potential. <i>Marine Drugs</i> , 2021, 19, 110.	2.2	16
83	Antiproliferative Activity of Fucan Nanogel. <i>Marine Drugs</i> , 2012, 10, 2002-2022.	2.2	15
84	Fucan effect on CHO cell proliferation and migration. <i>Carbohydrate Polymers</i> , 2013, 98, 224-232.	5.1	15
85	<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
86	Cytotoxicity effect of algal polysaccharides on HL60 cells. <i>Biochemistry (Moscow)</i> , 2006, 71, 1312-1315.	0.7	14
87	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
88	<i>Baccharis trimera</i> (Less.) DC Exhibits an Anti-Adipogenic Effect by Inhibiting the Expression of Proteins Involved in Adipocyte Differentiation. <i>Molecules</i> , 2017, 22, 972.	1.7	14
89	Internalization and degradation of heparin is not required for stimulus of heparan sulfate proteoglycan synthesis. <i>Journal of Cellular Physiology</i> , 2008, 217, 360-366.	2.0	13
90	Glycosaminoglycan chains from $\alpha_5\beta_1$ integrin are involved in fibronectin-dependent cell migration Dedicated to the memory of Professor Carl P. Dietrich.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 677-686.	0.9	13

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91	Heparin-Integrin interaction in endothelial cells: Downstream signaling and heparan sulfate expression. <i>Journal of Cellular Physiology</i> , 2012, 227, 2740-2749.	2.0	13
92	<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
93	Post-implantation development of red-rumped agouti (<i>Dasyprocta leporina</i> Linnaeus, 1758). <i>Animal Reproduction Science</i> , 2017, 182, 35-47.	0.5	13
94	<i>In Vivo</i> Evaluation of the Antioxidant Activity and Protective Action of the Seaweed <i>Gracilaria birdiae</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	13
95	<i>In Vivo</i> and <i>In Vitro</i> Toxicity Evaluation of Hydroethanolic Extract of <i>Kalanchoe brasiliensis</i> (Crassulaceae) Leaves. <i>Journal of Toxicology</i> , 2018, 2018, 1-8.	1.4	13
96	Immunostimulatory Effect of Sulfated Galactans from the Green Seaweed <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Marine Drugs</i> , 2020, 18, 234.	2.2	13
97	Role of sulfated polysaccharides from seaweeds in bone regeneration: A systematic review. <i>Carbohydrate Polymers</i> , 2022, 284, 119204.	5.1	13
98	Characterization and Antiproliferative Activity of a Novel 2-Aminothiophene Derivative- β -Cyclodextrin Binary System. <i>Molecules</i> , 2018, 23, 3130.	1.7	11
99	Prevalence of the metabolic syndrome according to different criteria in the male population during the Blue November Campaign in Natal, RN, Northeastern Brazil. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 401-408.	1.1	11
100	Bullfrog oil (<i>Rana catesbeiana</i> Shaw) induces apoptosis, in A2058 human melanoma cells by mitochondrial dysfunction triggered by oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109103.	2.5	11
101	Effect of plasma-nitrided titanium surfaces on the differentiation of pre-osteoblastic cells. <i>Artificial Organs</i> , 2019, 43, 764-772.	1.0	11
102	Effect of Hecogenin on DNA instability. <i>Toxicology Reports</i> , 2016, 3, 539-543.	1.6	10
103	Extraction process optimization of sulfated galactan-rich fractions from <i>Hypnea musciformis</i> in order to obtain antioxidant, anticoagulant, or immunomodulatory polysaccharides. <i>Journal of Applied Phycology</i> , 2016, 28, 1931-1942.	1.5	10
104	Isolation, spectral characterization, molecular docking, and cytotoxic activity of alkaloids from <i>Erythroxyllum pungens</i> O. E. Schulz. <i>Phytochemistry</i> , 2018, 155, 12-18.	1.4	10
105	<i>In Vitro</i> Antioxidant, Anti-Biofilm, and Solar Protection Activities of <i>Melocactus zehntneri</i> (Britton) Tj ETQq1 1 0.784314 rgBT /Overload	2.2	10
106	Effect of a cryopreservation protocol on the proliferation of stem cells from human exfoliated deciduous teeth. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 598-604.	0.9	9
107	A low-molecular-weight galactofucan from the seaweed, <i>Spatoglossum schröderi</i> , binds fibronectin and inhibits capillary-like tube formation in vitro. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 1067-1075.	3.6	9
108	<i>Myrciaria tenella</i> (DC.) O. Berg (Myrtaceae) Leaves as a Source of Antioxidant Compounds. <i>Antioxidants</i> , 2019, 8, 310.	2.2	9

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109	Prosopis juliflora as a new cosmetic ingredient: Development and clinical evaluation of a bioactive moisturizing and anti-aging innovative solid core. Carbohydrate Polymers, 2020, 233, 115854.	5.1	9
110	In Vitro and In Vivo Antioxidant Activity of Agave sisalana Agro-Industrial Residue. Biomolecules, 2020, 10, 1435.	1.8	9
111	Antioxidant Sulfated Polysaccharide from Edible Red Seaweed Gracilaria birdiae is an Inhibitor of Calcium Oxalate Crystal Formation. Molecules, 2020, 25, 2055.	1.7	9
112	NMR three-dimensional structure of the cationic peptide Stigmurin from Tityus stigmurus scorpion venom: In vitro antioxidant and in vivo antibacterial and healing activity. Peptides, 2021, 137, 170478.	1.2	9
113	Licania rigida Benth leaf extracts: Assessment of toxicity and potential anticoagulant effect. South African Journal of Botany, 2021, 139, 217-225.	1.2	9
114	Production and Characterization of Chitooligosaccharides: Evaluation of Acute Toxicity, Healing, and Anti-Inflammatory Actions. International Journal of Molecular Sciences, 2021, 22, 10631.	1.8	9
115	Aspidosperma pyriforme Has Anti-Inflammatory Properties: An Experimental Study in Mice with Peritonitis Induced by Tityus serrulatus Venom or Carrageenan. International Journal of Molecular Sciences, 2017, 18, 2248.	1.8	8
116	Low-level laser irradiation promotes proliferation of cryopreserved adipose-derived stem cells. Einstein (Sao Paulo, Brazil), 2017, 15, 334-338.	0.3	8
117	Thrombin Inhibition: Preliminary Assessment of the Anticoagulant Potential of <i>Turnera subulata</i> (Passifloraceae). Journal of Medicinal Food, 2019, 22, 384-392.	0.8	8
118	Sulfated polysaccharides from green seaweed Caulerpa prolifera suppress fat accumulation. Journal of Applied Phycology, 2020, 32, 4299-4307.	1.5	7
119	Live endothelial cells on plasma-nitrided and oxidized titanium: An approach for evaluating biocompatibility. Materials Science and Engineering C, 2020, 113, 111014.	3.8	7
120	Preparation, Structural Characterization, and Property Investigation of Gallic Acid-Grafted Fungal Chitosan Conjugate. Journal of Fungi (Basel, Switzerland), 2021, 7, 812.	1.5	7
121	Protective potential of sulfated polysaccharides from tropical seaweeds against alkylating- and oxidizing-induced genotoxicity. International Journal of Biological Macromolecules, 2022, 211, 524-534.	3.6	7
122	Morphological features and vascularization study of caprine cyclic corpus luteum. Pesquisa Veterinaria Brasileira, 2010, 30, 351-357.	0.5	6
123	MC3T3-E1 Cells Behavior on Surfaces Bombarded by Argon Ions in Planar Cathode Discharge. Artificial Organs, 2016, 40, 497-504.	1.0	6
124	Morphology of the genital organs of the female red-rumped agouti (<i>Dasyprocta leporina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 280, 1232-1245.	0.6	6
125	Physicochemical Characterizations and Antioxidant Property of Copaiba Oil Loaded into SNEDDS Systems. Journal of the Brazilian Chemical Society, 2019, 30, 234-246.	0.6	6
126	Circular bioeconomy in the production of fucoxanthin from aquatic biomass: extraction and bioactivities. Journal of Chemical Technology and Biotechnology, 2022, 97, 1363-1378.	1.6	6

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127	Silver Nanoparticles Containing Fucoïdan Synthesized by Green Method Have Anti-Trypanosoma cruzi Activity. <i>Nanomaterials</i> , 2022, 12, 2059.	1.9	6
128	Inhibition of Microbial Growth on Chitosan Membranes by Plasma Treatment. <i>Artificial Organs</i> , 2013, 37, 998-1002.	1.0	5
129	<i>Tityus serrulatus</i> Scorpion Venom Induces Apoptosis in Cervical Cancer Cell Lines. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-8.	0.5	5
130	2-Allylphenol Reduces IL-1 β and TNF- α , Promoting Antinociception through Adenosinergic, Anti-Inflammatory, and Antioxidant Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	5
131	Fractional recovery of oleaginous bioactive produced by <i>Rhodotorula mucilaginosa</i> CCT3892 using deep eutectic solvents. <i>Bioresource Technology Reports</i> , 2020, 12, 100561.	1.5	5
132	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
133	Laser therapy increases the proliferation of preosteoblastic MC3T3-E1 cells cultured on poly(lactic acid) /Overlock 1	0.784314 1.3	4
134	In Vitro Validation of Antiparasitic Activity of PLA-Nanoparticles of Sodium Diethyldithiocarbamate against <i>Trypanosoma cruzi</i> . <i>Pharmaceutics</i> , 2022, 14, 497.	2.0	4
135	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
136	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
137	Increase in the Antioxidant and Anti-Inflammatory Activity of <i>Euterpe oleracea</i> Martius Oil Complexed in β -Cyclodextrin and Hydroxypropyl- β -Cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11524.	1.8	3
138	TanP: A Multifunctional Anionic Peptide From <i>Tityus stigmurus</i> Scorpion Venom. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 785316.	1.6	3
139	Oligochitosan Synthesized by <i>Cunninghamella elegans</i> , a Fungus from Caatinga (The Brazilian) /Overlock 1	0.784314 1.7	3
140	<i>Coccoloba alnifolia</i> Leaf Extract as a Potential Antioxidant Molecule Using In Vitro and In Vivo Assays. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	2
141	ASSESSMENT OF THE HEMOAGGLUTINANT AND DIGESTIVE ENZYME INHIBITORY ACTIVITY OF EXTRACTS OBTAINED FROM DIFFERENT PARTS OF ATEMOIA. <i>Revista Brasileira De Fruticultura</i> , 2018, 40, .	0.2	1
142	Interferência da salinidade do mar na composição centesimal da macroalga <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Revista Verde De Agroecologia E Desenvolvimento Sustentável</i> , 2017, 12, 556.	0.1	0