

Hugo Alexandre Oliveira Rocha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

4,077
citations

30
h-index

59
g-index

143
ext. papers

4,818
ext. citations

5
avg, IF

5.12
L-index

#	Paper	IF	Citations
134	Role of sulfated polysaccharides from seaweeds in bone regeneration: A systematic review.. <i>Carbohydrate Polymers</i> , 2022 , 284, 119204	10.3	1
133	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	2.9	
132	TanP: A Multifunctional Anionic Peptide From Scorpion Venom.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 785316	5.6	1
131	Anti-Inflammatory Activity of Bullfrog Oil Polymeric Nanocapsules: From the Design to Preclinical Trials. <i>International Journal of Nanomedicine</i> , 2021 , 16, 7353-7367	7.3	1
130	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	3.8	3
129	Antioxidant stability enhancement of carotenoid rich-extract from Cantaloupe melon (<i>Cucumis melo</i> L.) nanoencapsulated in gelatin under different storage conditions. <i>Food Chemistry</i> , 2021 , 348, 129055	8.55	4
128	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	5	9
127	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	3.4	6
126	Antimicrobial Activity of Chitosan Oligosaccharides with Special Attention to Antiparasitic Potential. <i>Marine Drugs</i> , 2021 , 19,	6	6
125	<i>Licania rigida</i> Benth leaf extracts: Assessment of toxicity and potential anticoagulant effect. <i>South African Journal of Botany</i> , 2021 , 139, 217-225	2.9	3
124	Production and Characterization of Chitooligosaccharides: Evaluation of Acute Toxicity, Healing, and Anti-Inflammatory Actions. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
123	Fractional recovery of oleaginous bioactive produced by <i>Rhodotorula mucilaginosa</i> CCT3892 using deep eutectic solvents. <i>Bioresource Technology Reports</i> , 2020 , 12, 100561	4.1	0
122	Antioxidant Sulfated Polysaccharide from Edible Red Seaweed is an Inhibitor of Calcium Oxalate Crystal Formation. <i>Molecules</i> , 2020 , 25,	4.8	4
121	Immunostimulatory Effect of Sulfated Galactans from the Green Seaweed var.. <i>Marine Drugs</i> , 2020 , 18,	6	6
120	Synthesis of Silver Nanoparticle Employing Corn Cob Xylan as a Reducing Agent with Anti- Activity. <i>International Journal of Nanomedicine</i> , 2020 , 15, 965-979	7.3	14
119	Live endothelial cells on plasma-nitrided and oxidized titanium: An approach for evaluating biocompatibility. <i>Materials Science and Engineering C</i> , 2020 , 113, 111014	8.3	4
118	<i>Prosopis juliflora</i> as a new cosmetic ingredient: Development and clinical evaluation of a bioactive moisturizing and anti-aging innovative solid core. <i>Carbohydrate Polymers</i> , 2020 , 233, 115854	10.3	4

117	Self-Assembled Cationic-Covered Nanoemulsion as A Novel Biocompatible Immunoadjuvant for Antiserum Production Against Scorpion Venom. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
116	In Vitro and In Vivo Antioxidant Activity of Agro-Industrial Residue. <i>Biomolecules</i> , 2020 , 10,	5.9	3
115	Sulfated polysaccharides from green seaweed <i>Caulerpa prolifera</i> suppress fat accumulation. <i>Journal of Applied Phycology</i> , 2020 , 32, 4299-4307	3.2	1
114	Laser therapy increases the proliferation of preosteoblastic MC3T3-E1 cells cultured on poly(lactic acid) films. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020 , 14, 1792-1803	4.4	2
113	Gallic Acid-Laminarin Conjugate Is a Better Antioxidant than Sulfated or Carboxylated Laminarin. <i>Antioxidants</i> , 2020 , 9,	7.1	5
112	Leaf Extract as a Potential Antioxidant Molecule Using In Vitro and In Vivo Assays. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3928706	6.7	1
111	Green Synthesis of Antileishmanial and Antifungal Silver Nanoparticles Using Corn Cob Xylan as a Reducing and Stabilizing Agent. <i>Biomolecules</i> , 2020 , 10,	5.9	11
110	(DC.) O. Berg (Myrtaceae) Leaves as a Source of Antioxidant Compounds. <i>Antioxidants</i> , 2019 , 8,	7.1	6
109	Antioxidant Fucoidans Obtained from Tropical Seaweed Protect Pre-Osteoblastic Cells from Hydrogen Peroxide-Induced Damage. <i>Marine Drugs</i> , 2019 , 17,	6	12
108	Antioxidant, Anti-Biofilm, and Solar Protection Activities of (Britton & Rose) Pulp Extract. <i>Antioxidants</i> , 2019 , 8,	7.1	6
107	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	7.5	5
106	Morphology of the genital organs of the female red-rumped agouti (<i>Dasyprocta leporina</i> , Linnaeus, 1758) during estrous cycle phases and in advanced pregnancy. <i>Journal of Morphology</i> , 2019 , 280, 1232-1245	16	1
105	Gallic Acid-Chitosan Conjugate Inhibits the Formation of Calcium Oxalate Crystals. <i>Molecules</i> , 2019 , 24,	4.8	12
104	In Vitro Studies Reveal Antiurolithic Effect of Antioxidant Sulfated Polysaccharides from the Green Seaweed var. <i>Marine Drugs</i> , 2019 , 17,	6	12
103	2-Allylphenol Reduces IL-1 and TNF-, Promoting Antinociception through Adenosinergic, Anti-Inflammatory, and Antioxidant Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 1346878	6.7	1
102	Thrombin Inhibition: Preliminary Assessment of the Anticoagulant Potential of (Passifloraceae). <i>Journal of Medicinal Food</i> , 2019 , 22, 384-392	2.8	2
101	Var.. <i>Marine Drugs</i> , 2019 , 17,	6	15
100	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019 , 210, 245-253	10.3	13

99	Application of Dithiocarbamates as Potential New Antitrypanosomatids-Drugs: Approach Chemistry, Functional and Biological. <i>Molecules</i> , 2019 , 24,	4.8	19
98	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	10.3	12
97	Scorpion Venom Induces Apoptosis in Cervical Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 5131042	2.3	1
96	Gallic Acid-Dextran Conjugate: Green Synthesis of a Novel Antioxidant Molecule. <i>Antioxidants</i> , 2019 , 8,	7.1	7
95	Physicochemical Characterizations and Antioxidant Property of Copaiba Oil Loaded into SNEDDS Systems. <i>Journal of the Brazilian Chemical Society</i> , 2019 , 30, 234-246	1.5	5
94	Effect of plasma-nitrided titanium surfaces on the differentiation of pre-osteoblastic cells. <i>Artificial Organs</i> , 2019 , 43, 764-772	2.6	4
93	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	7.9	5
92	Genotoxicity and osteogenic potential of sulfated polysaccharides from <i>Caulerpa prolifera</i> seaweed. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 565-571	7.9	17
91	Immunomodulatory effects and antimicrobial activity of heterofucans from <i>Sargassum filipendula</i> . <i>Journal of Applied Phycology</i> , 2018 , 30, 569-578	3.2	18
90	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	3.1	22
89	Isolation, spectral characterization, molecular docking, and cytotoxic activity of alkaloids from <i>Erythrolyum pungens</i> O. E. Shulz. <i>Phytochemistry</i> , 2018 , 155, 12-18	4	7
88	The Protective Role of Sulfated Polysaccharides from Green Seaweed in Cells Exposed to Oxidative Damage. <i>Marine Drugs</i> , 2018 , 16,	6	20
87	Commercial Fucoidans from Can Be Grouped into Antiadipogenic and Adipogenic Agents. <i>Marine Drugs</i> , 2018 , 16,	6	12
86	Analogues of the Scorpion Venom Peptide Stigmurin: Structural Assessment, Toxicity, and Increased Antimicrobial Activity. <i>Toxins</i> , 2018 , 10,	4.9	18
85	Diosgenin induces genotoxic and mutagenic effects on HepG2 cells. <i>Food and Chemical Toxicology</i> , 2018 , 120, 98-103	4.7	13
84	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 , 11, 401-408	3.4	4
83	Anti-Thrombin, Anti-Adhesive, Anti-Migratory, and Anti-Proliferative Activities of Sulfated Galactans from the Tropical Green Seaweed,. <i>Marine Drugs</i> , 2018 , 17,	6	10
82	Antioxidant, antiproliferative, and immunostimulatory effects of cell wall β -mannan fractions from <i>Kluyveromyces marxianus</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 109, 837-846	7.9	29

81	Characterization and Antiproliferative Activity of a Novel 2-Aminothiophene Derivative-βCyclodextrin Binary System. <i>Molecules</i> , 2018 , 23,	4.8	7
80	Evaluation of the Antioxidant Activity and Protective Action of the Seaweed. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 9354296	6.7	9
79	and Toxicity Evaluation of Hydroethanolic Extract of (Crassulaceae) Leaves. <i>Journal of Toxicology</i> , 2018 , 2018, 6849765	3.1	6
78	Post-implantation development of red-rumped agouti (<i>Dasyprocta leporina</i> Linnaeus, 1758). <i>Animal Reproduction Science</i> , 2017 , 182, 35-47	2.1	6
77	<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	7.5	13
76	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	3.8	10
75	Antibacterial, Antiproliferative, and Immunomodulatory Activity of Silver Nanoparticles Synthesized with Fucans from the Alga <i>Dictyota mertensii</i> . <i>Nanomaterials</i> , 2017 , 8,	5.4	15
74	Evaluation of in vitro and in vivo 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. <i>Industrial Crops and Products</i> , 2017 , 108, 470-479	5.9	26
73	Chemical structure, antiproliferative and antioxidant activities of a cell wall βD-mannan from yeast <i>Kluyveromyces marxianus</i> . <i>Carbohydrate Polymers</i> , 2017 , 157, 1298-1305	10.3	21
72	<i>Aspidosperma pyriforme</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,	6.3	3
71	<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,	4.8	9
70	Low-level laser irradiation promotes proliferation of cryopreserved adipose-derived stem cells. <i>Einstein (Sao Paulo, Brazil)</i> , 2017 , 15, 334-338	1.2	7
69	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	2.8	13
68	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	2.2	6
67	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	7.9	15
66	Characterization of TistH, a multifunctional peptide from the scorpion <i>Tityus stigmurus</i> : Structure, cytotoxicity and antimicrobial activity. <i>Toxicon</i> , 2016 , 119, 362-70	2.8	17
65	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	3.2	9
64	and 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, 1574971	2.3	11

63	Dextran: Influence of Molecular Weight in Antioxidant Properties and Immunomodulatory Potential. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	17
62	New Trends on Antineoplastic Therapy Research: Bullfrog (<i>Rana catesbeiana</i> Shaw) Oil Nanostructured Systems. <i>Molecules</i> , 2016 , 21,	4.8	17
61	MC3T3-E1 Cells Behavior on Surfaces Bombarded by Argon Ions in Planar Cathode Discharge. <i>Artificial Organs</i> , 2016 , 40, 497-504	2.6	6
60	Phytochemical study and anti-inflammatory and antioxidant potential of <i>Spondias mombin</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2016 , 26, 304-311	2	33
59	Effect of Hecogenin on DNA instability. <i>Toxicology Reports</i> , 2016 , 3, 539-543	4.8	5
58	Evaluation of the antiproliferative activity of 2-amino thiophene derivatives against human cancer cells lines. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 403-414	7.5	22
57	Biocompatibility of a Self-Assembled Crosslinkable Hyaluronic Acid Nanogel. <i>Macromolecular Bioscience</i> , 2016 , 16, 1610-1620	5.5	12
56	Telmisartan induces apoptosis and regulates Bcl-2 in human renal cancer cells. <i>Experimental Biology and Medicine</i> , 2015 , 240, 34-44	3.7	27
55	Composition and significance of glycosaminoglycans in the uterus and placenta of mammals. <i>Brazilian Archives of Biology and Technology</i> , 2015 , 58, 512-520	1.8	7
54	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, 6573-91	4.8	18
53	Low-level laser therapy promotes proliferation and invasion of oral squamous cell carcinoma cells. <i>Lasers in Medical Science</i> , 2014 , 29, 1385-95	3.1	33
52	Does the use of chitosan contribute to oxalate kidney stone formation?. <i>Marine Drugs</i> , 2014 , 13, 141-58	6	333
51	Aqueous leaf extract of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) inhibits enzymatic and biological actions of <i>Bothrops jararaca</i> snake venom. <i>PLoS ONE</i> , 2014 , 9, e104952	3.7	30
50	Antioxidant and antiproliferative activities of methanolic extract from a neglected agricultural product: corn cobs. <i>Molecules</i> , 2014 , 19, 5360-78	4.8	24
49	Proteolysis, NaOH and ultrasound-enhanced extraction of anticoagulant and antioxidant sulfated polysaccharides from the edible seaweed, <i>Gracilaria birdiae</i> . <i>Molecules</i> , 2014 , 19, 18511-26	4.8	34
48	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	4.7	25
47	<i>Ipomoea asarifolia</i> neutralizes inflammation induced by <i>Tityus serrulatus</i> scorpion venom. <i>Journal of Ethnopharmacology</i> , 2014 , 153, 890-5	5	12
46	Fucan effect on CHO cell proliferation and migration. <i>Carbohydrate Polymers</i> , 2013 , 98, 224-32	10.3	12

45	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, 647-54	10.3	20
44	Evaluation of anti-nociceptive and anti-inflammatory activities of a heterofucan from <i>Dictyota menstrualis</i> . <i>Marine Drugs</i> , 2013 , 11, 2722-40	6	40
43	Inhibition of microbial growth on chitosan membranes by plasma treatment. <i>Artificial Organs</i> , 2013 , 37, 998-1002	2.6	5
42	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, 467-75	10.3	193
41	Antioxidant and Antiproliferative Activities of Leaf Extracts from <i>Plukenetia volubilis</i> Linneo (Euphorbiaceae). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 950272	2.3	34
40	Evaluation of sulfated polysaccharides from the brown seaweed <i>Dictyopteris justii</i> as antioxidant agents and as inhibitors of the formation of calcium oxalate crystals. <i>Molecules</i> , 2013 , 18, 14543-63	4.8	38
39	Chitooligosaccharides antagonize the cytotoxic effect of glucosamine. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 1097-105	4.4	22
38	Evaluating the possible anticoagulant and antioxidant effects of sulfated polysaccharides from the tropical green alga <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Journal of Applied Phycology</i> , 2012 , 24, 1159-1167	3.2	34
37	Heparin-integrin interaction in endothelial cells: downstream signaling and heparan sulfate expression. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2740-9	7	13
36	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, 409-26	6.3	61
35	Sulfated fucans extracted from algae <i>Padina gymnospora</i> have anti-inflammatory effect. <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 115-122	2	16
34	Antiproliferative activity of fucan nanogel. <i>Marine Drugs</i> , 2012 , 10, 2002-22	6	12
33	Biological activities of the sulfated polysaccharide from the vascular plant <i>Halodule wrightii</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 94-101	2	17
32	Effects of purified <i>Saccharomyces cerevisiae</i> (1- β)-D-glucan on venous ulcer healing. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8142-58	6.3	35
31	Freshwater plants synthesize sulfated polysaccharides: heterogalactans from Water Hyacinth (<i>Eichhornia crassipes</i>). <i>International Journal of Molecular Sciences</i> , 2012 , 13, 961-76	6.3	23
30	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, 658-64	3.1	44
29	A lactose-binding lectin from the marine sponge <i>Cinachyrella apion</i> (Cal) induces cell death in human cervical adenocarcinoma cells. <i>Marine Drugs</i> , 2012 , 10, 727-43	6	33
28	Heterofucans from the brown seaweed <i>Canistrocarpus cervicornis</i> with anticoagulant and antioxidant activities. <i>Marine Drugs</i> , 2011 , 9, 124-38	6	98

27	Antioxidant and antiproliferative activities of heterofucans from the seaweed <i>Sargassum filipendula</i> . <i>Marine Drugs</i> , 2011 , 9, 952-66	6	104
26	Evaluation of acute and subchronic toxicity of a non-anticoagulant, but antithrombotic algal heterofucan from the <i>Spatoglossum schröderi</i> in Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 674-679	2	10
25	Sulfation of the extracellular polysaccharide produced by the edible mushroom <i>Pleurotus sajor-caju</i> alters its antioxidant, anticoagulant and antiproliferative properties in vitro. <i>Carbohydrate Polymers</i> , 2011 , 85, 514-521	10.3	38
24	Anticoagulant, antioxidant and antitumor activities of heterofucans from the seaweed <i>Dictyopteris delicatula</i> . <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3352-65	6.3	69
23	Heterofucan from <i>Sargassum filipendula</i> induces apoptosis in HeLa cells. <i>Marine Drugs</i> , 2011 , 9, 603-14	6	39
22	Morphological features and vascularization study of caprine cyclic corpus luteum. <i>Pesquisa Veterinaria Brasileira</i> , 2010 , 30, 351-357	0.4	6
21	Biological activities of sulfated polysaccharides from tropical seaweeds. <i>Biomedicine and Pharmacotherapy</i> , 2010 , 64, 21-8	7.5	418
20	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, 708-15	4.1	26
19	Anticoagulant activity, paw edema and pleurisy induced carrageenan: Action of major types of commercial carrageenans. <i>Carbohydrate Polymers</i> , 2010 , 79, 26-33	10.3	128
18	BC nanofibres: in vitro study of genotoxicity and cell proliferation. <i>Toxicology Letters</i> , 2009 , 189, 235-41	4.4	104
17	Glycosaminoglycan chains from alpha5beta1 integrin are involved in fibronectin-dependent cell migration. <i>Biochemistry and Cell Biology</i> , 2009 , 87, 677-86	3.6	12
16	Inhibition of reverse transcriptase activity of HIV by polysaccharides of brown algae. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 303-7	7.5	118
15	A non-anticoagulant heterofucan has antithrombotic activity in vivo. <i>Planta Medica</i> , 2008 , 74, 712-8	3.1	29
14	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, 328-37	7	23
13	Internalization and degradation of heparin is not required for stimulus of heparan sulfate proteoglycan synthesis. <i>Journal of Cellular Physiology</i> , 2008 , 217, 360-6	7	12
12	Sulfated galactofucan from <i>Lobophora variegata</i> : anticoagulant and anti-inflammatory properties. <i>Biochemistry (Moscow)</i> , 2008 , 73, 1018-24	2.9	54
11	A preponderantly 4-sulfated, 3-linked galactan from the green alga <i>Codium isthmocladum</i> . <i>Glycobiology</i> , 2008 , 18, 250-9	5.8	81
10	Antioxidant activities of sulfated polysaccharides from brown and red seaweeds. <i>Journal of Applied Phycology</i> , 2007 , 19, 153-160	3.2	353

9	Antiinflammatory, antioxidant and cytotoxic actions of beta-glucan-rich extract from <i>Geastrum saccatum</i> mushroom. <i>International Immunopharmacology</i> , 2007 , 7, 1160-9	5.8	84
8	Structural and inhibitory properties of a plant proteinase inhibitor containing the RGD motif. <i>International Journal of Biological Macromolecules</i> , 2006 , 40, 22-9	7.9	25
7	Cytotoxicity effect of algal polysaccharides on HL60 cells. <i>Biochemistry (Moscow)</i> , 2006 , 71, 1312-5	2.9	11
6	Structural and hemostatic activities of a sulfated galactofucan from the brown alga <i>Spatoglossum schroederi</i> . An ideal antithrombotic agent?. <i>Journal of Biological Chemistry</i> , 2005 , 280, 41278-88	5.4	113
5	A xylogalactofucan from the brown seaweed <i>Spatoglossum schroederi</i> stimulates the synthesis of an antithrombotic heparan sulfate from endothelial cells. <i>Planta Medica</i> , 2005 , 71, 379-81	3.1	17
4	Fucan inhibits Chinese hamster ovary cell (CHO) adhesion to fibronectin by binding to the extracellular matrix. <i>Planta Medica</i> , 2005 , 71, 628-33	3.1	31
3	Heparins and heparinoids: occurrence, structure and mechanism of antithrombotic and hemorrhagic activities. <i>Current Pharmaceutical Design</i> , 2004 , 10, 951-66	3.3	80
2	Structure and pharmacological activities of a sulfated xylofucoglucuronan from the alga <i>Spatoglossum schroederi</i> . <i>Plant Science</i> , 1998 , 132, 215-228	5.3	76
1	Circular bioeconomy in the production of fucoxanthin from aquatic biomass: extraction and bioactivities. <i>Journal of Chemical Technology and Biotechnology</i> ,	3.5	2