Helena Nader

List of Publications by Year
in descending order

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301 papers	8,209 citations	38742 50 h-index	85541 71 g-index
307 all docs	307 docs citations	307 times ranked	8730 citing authors

#	Article	IF	Citations
1	Hyaluronic acid and proliferation/cellular death amount in the female rats mammary gland after estroprogestative therapy. Gynecological Endocrinology, 2022, 38, 181-185.	1.7	1
2	Monitoring non-small cell lung cancer progression and treatment response through hyaluronic acid in sputum. Brazilian Journal of Medical and Biological Research, 2022, 55, e11513.	1.5	0
3	Nitric oxide regulates adhesiveness, invasiveness, and migration of anoikis-resistant endothelial cells. Brazilian Journal of Medical and Biological Research, 2022, 55, e11612.	1.5	7
4	Cell-surface glycosaminoglycans regulate the cellular uptake of charged polystyrene nanoparticles. Nanoscale, 2022, 14, 7350-7363.	5.6	4
5	Using NMR to Dissect the Chemical Space and O-Sulfation Effects within the O- and S-Glycoside Analogues of Heparan Sulfate. ACS Omega, 2022, 7, 24461-24467.	3.5	6
6	ER-Golgi dynamics of HS-modifying enzymes via vesicular trafficking is a critical prerequisite for the delineation of HS biosynthesis. Carbohydrate Polymers, 2021, 255, 117477.	10.2	5
7	MicroRNA-1252-5p Associated with Extracellular Vesicles Enhances Bortezomib Sensitivity in Multiple Myeloma Cells by Targeting Heparanase. OncoTargets and Therapy, 2021, Volume 14, 455-467.	2.0	16
8	Neuroprotective effect of heparin Trisulfated disaccharide on ischemic stroke. Glycoconjugate Journal, 2021, 38, 35-43.	2.7	0
9	Heparanase modulation by Wingless/INT (Wnt). Molecular Biology Reports, 2021, 48, 3117-3125.	2.3	1
10	Endocytosis and the Participation of Glycosaminoglycans Are Important to the Mechanism of Cell Death Induced by Î²-Hairpin Antimicrobial Peptides. ACS Applied Bio Materials, 2021, 4, 6488-6501.	4.6	2
11	Diagnostic Accuracy of Serum Hyaluronan for Detecting HCV Infection and Liver Fibrosis in Asymptomatic Blood Donors. Molecules, 2021, 26, 3892.	3.8	5
12	A new heparin fragment decreases liver ischemia-reperfusion injury. Hepatobiliary and Pancreatic Diseases International, 2021, , .	1.3	1
13	The Heparan Sulfate Binding Peptide in Tumor Progression of Triple-Negative Breast Cancer. Frontiers in Oncology, 2021, 11, 697626.	2.8	4
14	Nebulized enriched heparin to treat no critical patients with Sars-Cov-2. Medicine (United States), 2021, 100, e28288.	1.0	3
15	Influence of sulfated polysaccharides from Ulva lactuca L. upon Xa and IIa coagulation factors and on venous blood clot formation. Algal Research, 2020, 45, 101750.	4.6	34
16	Effects of syndecan-4 gene silencing by micro RNA interference in anoikis resistant endothelial cells. International Journal of Biochemistry and Cell Biology, 2020, 128, 105848.	2.8	12
17	Heparan sulfate proteoglycans as targets for cancer therapy: a review. Cancer Biology and Therapy, 2020, 21, 1087-1094.	3.4	17
18	The lipid composition affects Trastuzumab adsorption at monolayers at the air-water interface. Chemistry and Physics of Lipids, 2020, 227, 104875.	3.2	17

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19	Cathepsin B-associated Activation of Amyloidogenic Pathway in Murine Mucopolysaccharidosis Type I Brain Cortex. International Journal of Molecular Sciences, 2020, 21, 1459.	4.1	10
20	Heparin Inhibits Cellular Invasion by SARS-CoV-2: Structural Dependence of the Interaction of the Spike S1 Receptor-Binding Domain with Heparin. Thrombosis and Haemostasis, 2020, 120, 1700-1715.	3.4	228
21	The Good and Bad Sides of Heparanase-1 and Heparanase-2. Advances in Experimental Medicine and Biology, 2020, 1221, 821-845.	1.6	9
22	Pharmacological prospection and structural characterization of two purified sulfated and pyruvylated homogalactans from green algae Codium isthmocladum. Carbohydrate Polymers, 2019, 222, 115010.	10.2	23
23	A further unique chondroitin sulfate from the shrimp Litopenaeus vannamei with antithrombin activity that modulates acute inflammation. Carbohydrate Polymers, 2019, 222, 115031.	10.2	21
24	Crude Heparin Preparations Unveil the Presence of Structurally Diverse Oversulfated Contaminants. Molecules, 2019, 24, 2988.	3.8	5
25	In vitro attenuation of classic metastatic melanomaâ€‘related features by highly diluted natural complexes: Molecular and functional analyses. International Journal of Oncology, 2019, 55, 721-732.	3.3	1
26	Interaction of Trastuzumab with biomembrane models at air-water interfaces mimicking cancer cell surfaces. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 182992.	2.6	7
27	CASE SERIES OF PATIENTS UNDER BIWEEKLY TREATMENT WITH LARONIDASE: A REPORT OF A SINGLE CENTER EXPERIENCE. Revista Paulista De Pediatria, 2019, 37, 312-317.	1.0	0
28	Crosstalk between tumor cells and lymphocytes modulates heparanase expression. Journal of Translational Medicine, 2019, 17, 103.	4.4	13
29	Heparan sulfate proteoglycans as trastuzumab targets in anoikisâ€resistant endothelial cells. Journal of Cellular Biochemistry, 2019, 120, 13826-13840.	2.6	15
30	Analysis of hyaluronic acid in the endometrium of women with polycystic ovary syndrome. Gynecological Endocrinology, 2019, 35, 133-137.	1.7	7
31	A low-molecular-weight galactofucan from the seaweed, Spatoglossum schrÃ¶ederi, binds fibronectin and inhibits capillary-like tube formation in vitro. International Journal of Biological Macromolecules, 2018, 111, 1067-1075.	7.5	9
32	Analysis of proteoglycan expression in human dental pulp. Archives of Oral Biology, 2018, 90, 67-73.	1.8	7
33	2,3-Di-O-sulfo glucuronic acid: An unmodified and unusual residue in a highly sulfated chondroitin sulfate from Litopenaeus vannamei. Carbohydrate Polymers, 2018, 183, 192-200.	10.2	19
34	Extracellular matrix alterations after blood instillation in tunica albuginea of rats. International Journal of Impotence Research, 2018, 30, 85-92.	1.8	4
35	Effects of Training and Overtraining on Intervertebral Disc Proteoglycans. Spine, 2018, 43, E1-E6.	2.0	6
36	Concentration of sulfated glycosaminoglycans in the mammary tissue of female rats with the aging and about hormonal influence. Gynecological Endocrinology, 2018, 34, 64-68.	1.7	2

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37	Heparan sulfate proteoglycan deficiency upâ€regulates the intracellular production of nitric oxide in Chinese hamster ovary cell lines. Journal of Cellular Physiology, 2018, 233, 3176-3194.	4.1	8
38	Changes in human intervertebral disc biochemical composition and bony end plates between middle and old age. PLoS ONE, 2018, 13, e0203932.	2.5	16
39	Mo2031 - The Molecular Weight of Heparin Fragments Interferes with the Protection of the Hepatocyte Subjected to Injury by Ischemia and Reperfusion. Gastroenterology, 2018, 154, S-1340.	1.3	1
40	Anti-IIa activity and antitumor properties of a hybrid heparin/heparan sulfate-like compound from Litopenaeus vannamei shrimp. International Journal of Biological Macromolecules, 2018, 118, 1470-1478.	7.5	9
41	THE M-RNA, EXPRESSION OF SERCA2 AND NCX1 IN THE PROCESS OF PHARMACOLOGICAL CELL PROTECTION IN EXPERIMENTAL ACUTE PANCREATITIS INDUCED BY TAUROCHOLATE. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2018, 31, e1352.	0.5	4
42	Heparin Oligosaccharides Have Antiarrhythmic Effect by Accelerating the Sodium-Calcium Exchanger. Frontiers in Cardiovascular Medicine, 2018, 5, 67.	2.4	10
43	Heparan Sulfate Proteoglycans in Human Colorectal Cancer. Analytical Cellular Pathology, 2018, 2018, 1-10.	1.4	27
44	Lumican Peptides: Rational Design Targeting ALK5/TGFBRI. Scientific Reports, 2017, 7, 42057.	3.3	30
45	Evaluation of Chitosan-Based Films Containing Gelatin, Chondroitin 4-Sulfate and ZnO for Wound Healing. Applied Biochemistry and Biotechnology, 2017, 183, 765-777.	2.9	41
46	The dynamics of the protective effect of trisulfated disaccharide on pancreatic and liver cells in a Ca++ overload environment. Pancreatology, 2017, 17, S42.	1.1	1
47	Extracellular matrix alterations in the Peyronieâ€™s disease. Journal of Advanced Research, 2017, 8, 455-461.	9.5	12
48	Insights into the role of 3-O-sulfotransferase in heparan sulfate biosynthesis. Organic and Biomolecular Chemistry, 2017, 15, 6792-6799.	2.8	14
49	Acquisition of anoikis resistance promotes alterations in the Ras/ERK and PI3K/Akt signaling pathways and matrix remodeling in endothelial cells. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 1116-1137.	4.9	41
50	Small leucine-rich proteoglycans (SLRPs) in the endometrium of polycystic ovary syndrome women: a pilot study. Journal of Ovarian Research, 2017, 10, 54.	3.0	10
51	New index for the diagnosis of liver fibrosis in Schistosomiasis mansoni. Arquivos De Gastroenterologia, 2017, 54, 51-56.	0.8	14
52	GLYCOSAMINOGLYCANS AND PROTEOGLYCANS IN PALMAR FASCIA OF PATIENTS WITH DUPUYTREN. Acta Ortopedica Brasileira, 2016, 24, 98-101.	0.5	2
53	Mo1573 Low Molecular Weight Heparin Fragment Decreases Intracellular Calcium in Human Hepatocarcinoma Cells Under Calcium Overload. Gastroenterology, 2016, 150, S1237.	1.3	1
54	CdSe magic-sized quantum dots incorporated in biomembrane models at the airâ€“water interface composed of components of tumorigenic and non-tumorigenic cells. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1533-1540.	2.6	9

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55	Functional and molecular evidence for heteromeric association of P2Y1 receptor with P2Y2 and P2Y4 receptors in mouse granulocytes. BMC Pharmacology & Toxicology, 2016, 17, 29.	2.4	10
56	A Brazilian perspective for the use of bovine heparin in open heart surgery. International Journal of Cardiology, 2016, 223, 611-612.	1.7	8
57	Expression and inactivation of osteopontin-degrading PHEX enzyme in squamous cell carcinoma. International Journal of Biochemistry and Cell Biology, 2016, 77, 155-164.	2.8	19
58	Concentration of glycosaminoglycan in ovariectomized mice uterus after treatment with ovarian steroids. Gynecological Endocrinology, 2016, 32, 617-621.	1.7	4
59	Ionic and biochemical characterization of bovine intervertebral disk. Connective Tissue Research, 2016, 57, 212-219.	2.3	3
60	Trisulfate Disaccharide Decreases Calcium Overload and Protects Liver Injury Secondary to Liver Ischemia/Reperfusion. PLoS ONE, 2016, 11, e0149630.	2.5	18
61	Heparan sulfate and heparin interactions with proteins. Journal of the Royal Society Interface, 2015, 12, 20150589.	3.4	229
62	Altered hyaluronic acid content in tear fluid of patients with adenoviral conjunctivitis. Anais Da Academia Brasileira De Ciencias, 2015, 87, 455-462.	0.8	8
63	Quinolone resistance and ornithine decarboxylation activity in lactose-negative <italic>Escherichia coli</italic>. Brazilian Journal of Microbiology, 2015, 46, 753-757.	2.0	5
64	Analysis of heparanase isoforms and cathepsin B in the plasma of patients with gastrointestinal carcinomas: analytical cross-sectional study. Sao Paulo Medical Journal, 2015, 133, 28-35.	0.9	5
65	Activation of the Low Molecular Weight Protein Tyrosine Phosphatase in Keratinocytes Exposed to Hyperosmotic Stress. PLoS ONE, 2015, 10, e0119020.	2.5	9
66	Bradykinin Release Avoids High Molecular Weight Kininogen Endocytosis. PLoS ONE, 2015, 10, e0121721.	2.5	8
67	The Identification of Proteoglycans and Glycosaminoglycans in Archaeological Human Bones and Teeth. PLoS ONE, 2015, 10, e0131105.	2.5	31
68	Modifications in Bone Matrix of Estrogen-Deficient Rats Treated with Intermittent PTH. BioMed Research International, 2015, 2015, 1-11.	1.9	11
69	Modulation of Hyaluronan Synthesis by the Interaction between Mesenchymal Stem Cells and Osteoarthritic Chondrocytes. Stem Cells International, 2015, 2015, 1-11.	2.5	11
70	Development of new methods for determining the heparanase enzymatic activity. Carbohydrate Research, 2015, 412, 66-70.	2.3	16
71	Glycosaminoglycans affect heparanase location in CHO cell lines. Glycobiology, 2015, 25, 976-983.	2.5	10
72	The evaluation of endometrial sulfate glycosaminoglycans in women with polycystic ovary syndrome. Gynecological Endocrinology, 2015, 31, 278-281.	1.7	17

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73	SULF2 overexpression positively regulates tumorigenicity of human prostate cancer cells. Journal of Experimental and Clinical Cancer Research, 2015, 34, 25.	8.6	27
74	DNA and bone structure preservation in medieval human skeletons. Forensic Science International, 2015, 251, 186-194.	2.2	16
75	Effects of shock wave therapy on glycosaminoglycan expression during bone healing. International Journal of Surgery, 2015, 24, 120-123.	2.7	14
76	Enhanced Tumorigenic Potential of Colorectal Cancer Cells by Extracellular Sulfatases. Molecular Cancer Research, 2015, 13, 510-523.	3.4	22
77	The Profile of Heparanase Expression Distinguishes Differentiated Thyroid Carcinoma from Benign Neoplasms. PLoS ONE, 2015, 10, e0141139.	2.5	21
78	The role of proteoglycans in the reactive stroma on tumor growth and progression. Histology and Histopathology, 2015, 30, 33-41.	0.7	9
79	The Involvement of Proteoglycans in the Human Plasma Prekallikrein Interaction with the Cell Surface. PLoS ONE, 2014, 9, e91280.	2.5	8
80	Acquisition of Anoikis Resistance Up-Regulates Syndecan-4 Expression in Endothelial Cells. PLoS ONE, 2014, 9, e116001.	2.5	23
81	Evaluation of the metabolism of glycosaminoglycans in patients with interstitial cystis. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2014, 40, 72-79.	1.5	5
82	The expression of glycosaminoglycans and proteoglycans in the uterine cervix of albino rats after local hyaluronidase infusion. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 879-886.	1.5	3
83	Unfractionated and low molecular weight heparin. BMC Proceedings, 2014, 8, .	1.6	0
84	A heparin-like glycosaminoglycan from shrimp containing high levels of 3-O-sulfated d-glucosamine groups in an unusual trisaccharide sequence. Carbohydrate Research, 2014, 390, 59-66.	2.3	30
85	On the catalytic mechanism of polysaccharide lyases: evidence of His and Tyr involvement in heparin lysis by heparinase I and the role of Ca²⁺. Molecular BioSystems, 2014, 10, 54-64.	2.9	9
86	A non-hemorrhagic hybrid heparin/heparan sulfate with anticoagulant potential. Carbohydrate Polymers, 2014, 99, 372-378.	10.2	33
87	From Combinatorial Display Techniques to Microarray Technology: New Approaches to the Development and Toxicological Profiling of Targeted Nanomedicines. Nanomedicine and Nanotoxicology, 2014, , 153-175.	0.2	0
88	Hyperprolactinemia changes the sulfated glycosaminoglycan amount on the murine uterus during the estrous cycle. Fertility and Sterility, 2013, 100, 1419-1427.e1.	1.0	15
89	Effect of carrageenans of different chemical structures in biointerfaces: A Langmuir film study. Colloids and Surfaces B: Biointerfaces, 2013, 111, 530-535.	5.0	6
90	Fucan effect on CHO cell proliferation and migration. Carbohydrate Polymers, 2013, 98, 224-232.	10.2	15

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91	Influence of Protein Corona on the Transport of Molecules into Cells by Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2013, 5, 8387-8393.	8.0	57
92	Syndecan-2 is upregulated in colorectal cancer cells through interactions with extracellular matrix produced by stromal fibroblasts. BMC Cell Biology, 2013, 14, 25.	3.0	33
93	A heparin-like compound isolated from a marine crab rich in glucuronic acid 2-O-sulfate presents low anticoagulant activity. Carbohydrate Polymers, 2013, 94, 647-654.	10.2	27
94	Ranking Brazilian research output. Nature, 2013, 503, 39-39.	27.8	1
95	Lumican expression, localization and antitumor activity in prostate cancer. Experimental Cell Research, 2013, 319, 967-981.	2.6	70
96	Heparan sulfate mediates trastuzumab effect in breast cancer cells. BMC Cancer, 2013, 13, 444.	2.6	23
97	Evaluation of Anti-Nociceptive and Anti-Inflammatory Activities of a Heterofucan from Dictyota menstrualis. Marine Drugs, 2013, 11, 2722-2740.	4.6	48
98	Antithrombin stabilisation by sulfated carbohydrates correlates with anticoagulant activity. MedChemComm, 2013, 4, 870.	3.4	24
99	Antiangiogenic activity and direct antitumor effect from a sulfated polysaccharide isolated from seaweed. Microvascular Research, 2013, 88, 12-18.	2.5	46
100	A Novel Hyaluronidase from Brown Spider (Loxosceles intermedia) Venom (Dietrich's Hyaluronidase): From Cloning to Functional Characterization. PLoS Neglected Tropical Diseases, 2013, 7, e2206.	3.0	61
101	Ultra-low-molecular-weight heparins: Precise structural features impacting specific anticoagulant activities. Thrombosis and Haemostasis, 2013, 109, 471-478.	3.4	8
102	Insights into the N-Sulfation Mechanism: Molecular Dynamics Simulations of the N-Sulfotransferase Domain of Ndst1 and Mutants. PLoS ONE, 2013, 8, e70880.	2.5	19
103	Hyaluronic acid concentration in postmenopausal facial skin after topical estradiol and genistein treatment. Menopause, 2013, 20, 336-341.	2.0	35
104	Glycosaminoglycans Modify Elastase Action In Vitro and Enhance Elastase-Induced Cell Death in Cultured Fibroblasts. , 2012, 2012, 1-8.		1
105	Structural and Pharmacological Profile of Generic Enoxaparins Used in Brazil. Clinical and Applied Thrombosis/Hemostasis, 2012, 18, 379-386.	1.7	4
106	InfluÃªncia do envelhecimento na concentraÃ§Ã£o de Ã¡cido hialurÃ´nico nas pregas vocais de ratas fÃªmeas. Brazilian Journal of Otorhinolaryngology, 2012, 78, 14-18.	1.0	5
107	Enterolobium contortisiliquum Trypsin Inhibitor (EcTI), a Plant Proteinase Inhibitor, Decreases in Vitro Cell Adhesion and Invasion by Inhibition of Src Protein-Focal Adhesion Kinase (FAK) Signaling Pathways*. Journal of Biological Chemistry, 2012, 287, 170-182.	3.4	36
108	Probing the interaction between heparan sulfate proteoglycan with biologically relevant molecules in mimetic models for cell membranes: A Langmuir film study. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1211-1217.	2.6	13

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109	Acute cocaine treatment increases thimet oligopeptidase in the striatum of rat brain. Biochemical and Biophysical Research Communications, 2012, 419, 724-727.	2.1	0
110	Cell-Permeable Gomesin Peptide Promotes Cell Death by Intracellular Ca2+ Overload. Molecular Pharmaceutics, 2012, 9, 2686-2697.	4.6	35
111	Treatment of adult MPSI mouse brains with IDUA-expressing mesenchymal stem cells decreases GAG deposition and improves exploratory behavior. Genetic Vaccines and Therapy, 2012, 10, 2.	1.5	6
112	Participation of heparin binding proteins from the surface of Leishmania (Viannia) braziliensis promastigotes in the adhesion of parasites to Lutzomyia longipalpis cells (Lulo) in vitro. Parasites and Vectors, 2012, 5, 142.	2.5	26
113	Lepstospira interrogans shotgun phage display identified LigB as a heparin-binding protein. Biochemical and Biophysical Research Communications, 2012, 427, 774-779.	2.1	17
114	Glycosaminoglycan profiles in the uterus of adult ovariectomized rats treated with estrogen and progestagen. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2012, 165, 265-270.	1.1	6
115	Glycosaminoglycan backbone is not required for the modulation of hemostasis: Effect of different heparin derivatives and non-glycosaminoglycan analogs. Matrix Biology, 2012, 31, 308-316.	3.6	8
116	Heparinâ€integrin interaction in endothelial cells: Downstream signaling and heparan sulfate expression. Journal of Cellular Physiology, 2012, 227, 2740-2749.	4.1	13
117	The Natural Cell-Penetrating Peptide Crotamine Targets Tumor Tissue in Vivo and Triggers a Lethal Calcium-Dependent Pathway in Cultured Cells. Molecular Pharmaceutics, 2012, 9, 211-221.	4.6	62
118	The Low Level Laser Therapy Effect on the Remodeling of Bone Extracellular Matrix. Photochemistry and Photobiology, 2012, 88, 1293-1301.	2.5	30
119	Brown spider (Loxosceles intermedia) venom triggers endothelial cells death by anoikis. Toxicon, 2012, 60, 396-405.	1.6	12
120	Recovery of protein, chitin, carotenoids and glycosaminoglycans from Pacific white shrimp (Litopenaeus vannamei) processing waste. Process Biochemistry, 2012, 47, 570-577.	3.7	133
121	Heparanase expression and glycosaminoglycans profile in renal cell carcinoma. International Journal of Urology, 2012, 19, 1036-1040.	1.0	12
122	Chemical reduction of carboxyl groups in heparin abolishes its vasodilatory activity. Journal of Cellular Biochemistry, 2012, 113, 1359-1367.	2.6	6
123	High-sensitivity visualisation of contaminants in heparin samples by spectral filtering of 1H NMR spectra. Analyst, The, 2011, 136, 1390.	3.5	23
124	A robust method to quantify low molecular weight contaminants in heparin: detection of tris(2-n-butoxyethyl) phosphate. Analyst, The, 2011, 136, 2330.	3.5	16
125	A New Approach for Heparin Standardization: Combination of Scanning UV Spectroscopy, Nuclear Magnetic Resonance and Principal Component Analysis. PLoS ONE, 2011, 6, e15970.	2.5	25
126	Heparin affects the interaction of kininogen on endothelial cells. Biochimie, 2011, 93, 1839-1845.	2.6	7

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127	Phospholipase-D activity and inflammatory response induced by brown spider dermonecrotic toxin: Endothelial cell membrane phospholipids as targets for toxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 84-96.	2.4	52
128	A novel approach for the characterisation of proteoglycans and biosynthetic enzymes in a snail model. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1862-1869.	2.3	15
129	Testing for urinary hyaluronate improves detection and grading of transitional cell carcinoma. Urologic Oncology: Seminars and Original Investigations, 2011, 29, 710-715.	1.6	9
130	Estudo bioquÃmico do glicosaminoglicano dermatam sulfato em homens adultos portadores de hÃ©rnia inguinal tipo II de Nyhus. Revista Do Colegio Brasileiro De Cirurgioes, 2011, 38, 167-171.	0.6	0
131	Effect of corneal epithelium on ultraviolet-A and riboflavin absorption. Arquivos Brasileiros De Oftalmologia, 2011, 74, 348-351.	0.5	51
132	Mechanism of Heparin Acceleration of Tissue Inhibitor of Metalloproteases-1 (TIMP-1) Degradation by the Human Neutrophil Elastase. PLoS ONE, 2011, 6, e21525.	2.5	12
133	Ras gene mutation is not related to tumour invasion during rat tongue carcinogenesis induced by 4-nitroquinoline 1-oxide. Journal of Oral Pathology and Medicine, 2011, 40, 325-333.	2.7	18
134	Highlights from the III International Symposium of Thrombosis and Anticoagulation (ISTA), October 14â€“16, 2010, SÃ£o Paulo, Brazil. Journal of Thrombosis and Thrombolysis, 2011, 32, 242-266.	2.1	2
135	Colorectal cancer desmoplastic reaction up-regulates collagen synthesis and restricts cancer cell invasion. Cell and Tissue Research, 2011, 346, 223-236.	2.9	55
136	Impact of birth in the presence and absence of simulated birth injury on vaginal glycosaminoglycan content. International Urogynecology Journal, 2011, 22, 1513-1519.	1.4	1
137	Low molecular weight heparins: Structural differentiation by spectroscopic and multivariate approaches. Carbohydrate Polymers, 2011, 85, 903-909.	10.2	16
138	Glycosaminoglycans of Abdominal Skin After Massive Weight Loss in Post-bariatric Female Patients. Obesity Surgery, 2011, 21, 774-782.	2.1	9
139	Concentration of Hyaluronic Acid in Human Vocal Folds in Young and Old Subjects. Otolaryngology - Head and Neck Surgery, 2011, 145, 981-986.	1.9	13
140	Inhibitory Peptides of the Sulfotransferase Domain of the Heparan Sulfate Enzyme, N-Deacetylase-N-sulfotransferase-1. Journal of Biological Chemistry, 2011, 286, 5338-5346.	3.4	27
141	Colorectal cancer desmoplastic reaction affects tumor cell invasion. FASEB Journal, 2011, 25, 915.6.	0.5	0
142	Effect of Collagen Cross-linking in Stromal Fibril Organization in Edematous Human Corneas. Cornea, 2010, 29, 789-793.	1.7	33
143	Metabolic profile of glycosaminoglycans in bladder and urethra of female rats during and after pregnancy. International Urogynecology Journal, 2010, 21, 241-246.	1.4	4
144	Long-term and short-term effects of simulated birth trauma, cesarean and vaginal delivery on sulfated glycosaminoglycans in the urethra of female rats. International Urogynecology Journal, 2010, 21, 705-710.	1.4	4

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145	Growth inhibition and pro-apoptotic activity of violacein in Ehrlich ascites tumor. Chemico-Biological Interactions, 2010, 186, 43-52.	4.0	74
146	Fibroblast and prostate tumor cell cross-talk: Fibroblast differentiation, TGF-Î², and extracellular matrix down-regulation. Experimental Cell Research, 2010, 316, 3207-3226.	2.6	53
147	Phosphoproteome reveals an atlas of protein signaling networks during osteoblast adhesion. Journal of Cellular Biochemistry, 2010, 109, 957-966.	2.6	42
148	Retinyl palmitate flexible polymeric nanocapsules: Characterization and permeation studies. Colloids and Surfaces B: Biointerfaces, 2010, 81, 374-380.	5.0	52
149	Heparin Induces Rat Aorta Relaxation via Integrin-Dependent Activation of Muscarinic M₃Receptors. Hypertension, 2010, 56, 713-721.	2.7	25
150	Analysis of Glycosaminoglycans in the Parametrium and Vaginal Apex of Women with and without Uterine Prolapse. Journal of Women's Health, 2010, 19, 1341-1344.	3.3	11
151	Brown spider venom toxins interact with cell surface and are endocytosed by rabbit endothelial cells. Toxicon, 2010, 56, 535-543.	1.6	13
152	A novel expression profile of the Loxosceles intermedia spider venomous gland revealed by transcriptome analysis. Molecular BioSystems, 2010, 6, 2403.	2.9	95
153	Differences in the expression of glycosaminoglycans in human fibroblasts derived from gingival overgrowths is related to TGF-beta up-regulation. Growth Factors, 2010, 28, 24-33.	1.7	17
154	Heparan sulfate proteoglycans: structure, protein interactions and cell signaling. Anais Da Academia Brasileira De Ciencias, 2009, 81, 409-429.	0.8	201
155	Dual Role of Intravitreous Infliximab in Experimental Choroidal Neovascularization: Effect on the Expression of Sulfated Glycosaminoglycans. , 2009, 50, 5487.		39
156	Involvement of heparan sulfate proteoglycans in cellular uptake of high molecular weight kininogen. Biological Chemistry, 2009, 390, 145-155.	2.5	9
157	Does mobilization for autologous stem cell transplantation damage stromal layer formation?. Hematology, 2009, 14, 76-83.	1.5	0
158	Long-term effects for acute phase myocardial infarct VEGF165gene transfer cardiac extracellular matrix remodeling. Growth Factors, 2009, 27, 22-31.	1.7	13
159	Highlights from the I international symposium of thrombosis and anticoagulation in internal medicine, October 23â€“25, 2008, Sao Paulo, Brazil. Journal of Thrombosis and Thrombolysis, 2009, 28, 106-116.	2.1	2
160	Growth inhibitory activity of a novel lectin from Cliona varians against K562 human erythroleukemia cells. Cancer Chemotherapy and Pharmacology, 2009, 63, 1023-1033.	2.3	35
161	Concentration and distribution of hyaluronic acid in mouse uterus throughout the estrous cycle. Fertility and Sterility, 2009, 92, 785-792.	1.0	29
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