

Nikos K Karamanos

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8912987/nikos-k-karamanos-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

296
papers

11,714
citations

52
h-index

93
g-index

330
ext. papers

13,542
ext. citations

4.7
avg, IF

6.67
L-index

#	Paper	IF	Citations
296	Tuning the Spin-Crossover Behaviour in Fe(II) Polymeric Composites for Food Packaging Applications. <i>Magnetochemistry</i> , 2022 , 8, 16	3.1	1
295	The microRNA-cell surface proteoglycan axis in cancer progression.. <i>American Journal of Physiology - Cell Physiology</i> , 2022 ,	5.4	3
294	The microRNA-Extracellular Matrix Interplay in Breast Cancer. <i>Biology of Extracellular Matrix</i> , 2022 , 421-436		
293	Circulating Proteoglycans/Glycosaminoglycans as Cancer Biomarkers. <i>Biology of Extracellular Matrix</i> , 2022 , 119-159	0.6	
292	EGFR is a pivotal player of the E2/ER β mediated functional properties, aggressiveness, and stemness in triple-negative breast cancer cells. <i>FEBS Journal</i> , 2021 ,	5.7	1
291	Key Matrix Remodeling Enzymes: Functions and Targeting in Cancer. <i>Cancers</i> , 2021 , 13,	6.6	20
290	A guide to the composition and functions of the extracellular matrix. <i>FEBS Journal</i> , 2021 ,	5.7	52
289	The Secreted Protein C10orf118 Is a New Regulator of Hyaluronan Synthesis Involved in Tumour-Stroma Cross-Talk. <i>Cancers</i> , 2021 , 13,	6.6	4
288	Potent antiproliferative activity of bradykinin B2 receptor selective agonist FR-190997 and analogue structures thereof: A paradox resolved?. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 112948	6.8	4
287	The action of hyaluronan in functional properties, morphology and expression of matrix effectors in mammary cancer cells depends on its molecular size. <i>FEBS Journal</i> , 2021 , 288, 4291-4310	5.7	8
286	Epigenetic Alterations in Triple-Negative Breast Cancer-The Critical Role of Extracellular Matrix. <i>Cancers</i> , 2021 , 13,	6.6	11
285	Editor Profile: Nikos Karamanos. <i>FEBS Journal</i> , 2021 , 288, 4442-4444	5.7	
284	Extracellular matrix-based cancer targeting. <i>Trends in Molecular Medicine</i> , 2021 , 27, 1000-1013	11.5	17
283	ER α /ER β Mediated Cell Morphology and Invasion Capacity Are Associated with Matrix Culture Substrates in Breast Cancer. <i>Cells</i> , 2020 , 9,	7.9	1
282	Serglycin activates pro-tumorigenic signaling and controls glioblastoma cell stemness, differentiation and invasive potential. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100033	5.1	5
281	miR-200b restrains EMT and aggressiveness and regulates matrix composition depending on ER status and signaling in mammary cancer. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100024	5.1	15
280	Salicylate suppresses the oncogenic hyaluronan network in metastatic breast cancer cells. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100031	5.1	7

279	Long filopodia and tunneling nanotubes define new phenotypes of breast cancer cells in 3D cultures. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100026	5.1	15
278	Complexity of matrix phenotypes. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100038	5.1	10
277	Tumorigenic functions of serglycin: Regulatory roles in epithelial to mesenchymal transition and oncogenic signaling. <i>Seminars in Cancer Biology</i> , 2020 , 62, 108-115	12.7	16
276	Estrogen receptor-mediated targeting of the extracellular matrix network in cancer. <i>Seminars in Cancer Biology</i> , 2020 , 62, 116-124	12.7	19
275	Molecular size-dependent specificity of hyaluronan on functional properties, morphology and matrix composition of mammary cancer cells. <i>Matrix Biology Plus</i> , 2019 , 3, 100008	5.1	19
274	The extracellular matrix as a multitasking player in disease. <i>FEBS Journal</i> , 2019 , 286, 2830-2869	5.7	141
273	The Complex Interplay Between Extracellular Matrix and Cells in Tissues. <i>Methods in Molecular Biology</i> , 2019 , 1952, 1-20	1.4	38
272	Insight into the role of chondroitin sulfate E in angiogenesis. <i>FEBS Journal</i> , 2019 , 286, 2921-2936	5.7	28
271	Hyaluronan: molecular size-dependent signaling and biological functions in inflammation and cancer. <i>FEBS Journal</i> , 2019 , 286, 2883-2908	5.7	119
270	Matrix modeling and remodeling: A biological interplay regulating tissue homeostasis and diseases. <i>Matrix Biology</i> , 2019 , 75-76, 1-11	11.4	124
269	Dynamic Interplay between miRNAs and the Extracellular Matrix Influences the Tumor Microenvironment. <i>Trends in Biochemical Sciences</i> , 2019 , 44, 1076-1088	10.3	27
268	Hyaluronan-CD44 axis orchestrates cancer stem cell functions. <i>Cellular Signalling</i> , 2019 , 63, 109377	4.9	52
267	Extracellular matrix alterations in senescent cells and their significance in tissue homeostasis. <i>Matrix Biology</i> , 2019 , 75-76, 27-42	11.4	42
266	Proteoglycans remodeling in cancer: Underlying molecular mechanisms. <i>Matrix Biology</i> , 2019 , 75-76, 220-259	11.4	112
265	Tumor-suppressive functions of 4-MU on breast cancer cells of different ER status: Regulation of hyaluronan/HAS2/CD44 and specific matrix effectors. <i>Matrix Biology</i> , 2019 , 78-79, 118-138	11.4	41
264	The apparent competitive action of ECM proteases and cross-linking enzymes during fibrosis: Applications to drug discovery. <i>Advanced Drug Delivery Reviews</i> , 2018 , 129, 4-15	18.5	29
263	Insights into the key roles of epigenetics in matrix macromolecules-associated wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018 , 129, 16-36	18.5	31
262	Advances in targeting epidermal growth factor receptor signaling pathway in mammary cancer. <i>Cellular Signalling</i> , 2018 , 51, 99-109	4.9	25

261	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. <i>Chemical Reviews</i> , 2018 , 118, 9152-9232	68.1	176
260	Serglycin promotes breast cancer cell aggressiveness: Induction of epithelial to mesenchymal transition, proteolytic activity and IL-8 signaling. <i>Matrix Biology</i> , 2018 , 74, 35-51	11.4	38
259	Matrix pathobiology-central roles for proteoglycans and heparanase in health and disease. <i>FEBS Journal</i> , 2017 , 284, 7-9	5.7	7
258	IGF-IR cooperates with ER α to inhibit breast cancer cell aggressiveness by regulating the expression and localisation of ECM molecules. <i>Scientific Reports</i> , 2017 , 7, 40138	4.9	23
257	Estrogen receptor beta as epigenetic mediator of miR-10b and miR-145 in mammary cancer. <i>Matrix Biology</i> , 2017 , 64, 94-111	11.4	38
256	Roles and targeting of the HAS/hyaluronan/CD44 molecular system in cancer. <i>Matrix Biology</i> , 2017 , 59, 3-22	11.4	113
255	Syndecans - key regulators of cell signaling and biological functions. <i>FEBS Journal</i> , 2017 , 284, 27-41	5.7	143
254	Synthesis and antiproliferative activity of two diastereomeric lignan amides serving as dimeric caffeic acid-L-DOPA hybrids. <i>Bioorganic Chemistry</i> , 2016 , 66, 132-44	5.1	8
253	IGF-I/EGF and E2 signaling crosstalk through IGF-IR conduit point affects breast cancer cell adhesion. <i>Matrix Biology</i> , 2016 , 56, 95-113	11.4	19
252	Extracellular matrix structure. <i>Advanced Drug Delivery Reviews</i> , 2016 , 97, 4-27	18.5	913
251	Ionizing radiation-mediated premature senescence and paracrine interactions with cancer cells enhance the expression of syndecan 1 in human breast stromal fibroblasts: the role of TGF- β . <i>Aging</i> , 2016 , 8, 1650-69	5.6	38
250	Shed proteoglycans in tumor stroma. <i>Cell and Tissue Research</i> , 2016 , 365, 643-55	4.2	52
249	Estrogen receptor beta modulates breast cancer cells functional properties, signaling and expression of matrix molecules. <i>Matrix Biology</i> , 2016 , 56, 4-23	11.4	54
248	Data on the putative role of p53 in breast cancer cell adhesion: Technical information for adhesion assay. <i>Data in Brief</i> , 2016 , 9, 568-572	1.2	1
247	Investigation on Toxicity and Teratogenicity in Rats of a Retinoid-Polyamine Conjugate with Potent Anti-Inflammatory Properties. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016 , 107, 32-44		1
246	Syndecan-1 alters heparan sulfate composition and signaling pathways in malignant mesothelioma. <i>Cellular Signalling</i> , 2015 , 27, 2054-67	4.9	15
245	Insights into the key roles of proteoglycans in breast cancer biology and translational medicine. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015 , 1855, 276-300	11.2	81
244	Synthesis and evaluation of anticancer activity in cells of novel stoichiometric pegylated fullerene-doxorubicin conjugates. <i>Pharmaceutical Research</i> , 2015 , 32, 1676-93	4.5	17

243	Increased β -glucuronidase activity in bronchoalveolar lavage fluid of children with bacterial lung infection: A case-control study. <i>Respirology</i> , 2015 , 20, 1248-54	3.6	7
242	Increased Expression of Serglycin in Specific Carcinomas and Aggressive Cancer Cell Lines. <i>BioMed Research International</i> , 2015 , 2015, 690721	3	24
241	Estrogen receptor alpha mediates epithelial to mesenchymal transition, expression of specific matrix effectors and functional properties of breast cancer cells. <i>Matrix Biology</i> , 2015 , 43, 42-60	11.4	104
240	Anti-TNF α treatment decreases the previously increased serum Indian Hedgehog levels in patients with ankylosing spondylitis and affects the expression of functional Hedgehog pathway target genes. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 44, 646-51	5.3	4
239	Validated capillary electrophoretic assays for disaccharide composition analysis of galactosaminoglycans in biologic samples and drugs/nutraceuticals. <i>Methods in Molecular Biology</i> , 2015 , 1229, 129-41	1.4	1
238	Fast screening of glycosaminoglycan disaccharides by fluorophore-assisted carbohydrate electrophoresis (FACE): applications to biologic samples and pharmaceutical formulations. <i>Methods in Molecular Biology</i> , 2015 , 1229, 143-59	1.4	2
237	Isothiocyanate analogs targeting CD44 receptor as an effective strategy against colon cancer. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3836-3851	2.2	6
236	EMMPRIN/CD147-enriched membrane vesicles released from malignant human testicular germ cells increase MMP production through tumor-stroma interaction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2581-8	4	8
235	EGFR and HER2 exert distinct roles on colon cancer cell functional properties and expression of matrix macromolecules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2651-61	4	17
234	Dynamic interplay between breast cancer cells and normal endothelium mediates the expression of matrix macromolecules, proteasome activity and functional properties of endothelial cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2549-59	4	10
233	Cross-talk between estradiol receptor and EGFR/IGF-IR signaling pathways in estrogen-responsive breast cancers: focus on the role and impact of proteoglycans. <i>Matrix Biology</i> , 2014 , 35, 182-93	11.4	63
232	Cell-matrix interactions: focus on proteoglycan-proteinase interplay and pharmacological targeting in cancer. <i>FEBS Journal</i> , 2014 , 281, 5023-42	5.7	71
231	Advances and advantages of nanomedicine in the pharmacological targeting of hyaluronan-CD44 interactions and signaling in cancer. <i>Advances in Cancer Research</i> , 2014 , 123, 277-317	5.9	28
230	Heparan sulfate proteoglycans and heparin regulate melanoma cell functions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2471-81	4	29
229	The differential proliferative response of fetal and adult human skin fibroblasts to TGF- β s retained when cultured in the presence of fibronectin or collagen. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2635-42	4	10
228	Preparation and toxicological assessment of functionalized carbon nanotube-polymer hybrids. <i>PLoS ONE</i> , 2014 , 9, e107029	3.7	16
227	FACE analysis as a fast and reliable methodology to monitor the sulfation and total amount of chondroitin sulfate in biological samples of clinical importance. <i>Molecules</i> , 2014 , 19, 7959-80	4.8	8
226	Serglycin: at the crossroad of inflammation and malignancy. <i>Frontiers in Oncology</i> , 2014 , 3, 327	5.3	81

225	Syndecans as modulators and potential pharmacological targets in cancer progression. <i>Frontiers in Oncology</i> , 2014 , 4, 4	5.3	66
224	Novel insights into matrix pathobiology regulatory mechanisms in health and disease. <i>FEBS Journal</i> , 2014 , 281, 4978-9	5.7	3
223	Lumican affects tumor cell functions, tumor-ECM interactions, angiogenesis and inflammatory response. <i>Matrix Biology</i> , 2014 , 35, 206-14	11.4	73
222	PDGF/PDGFR signaling and targeting in cancer growth and progression: Focus on tumor microenvironment and cancer-associated fibroblasts. <i>Current Pharmaceutical Design</i> , 2014 , 20, 2843-8	3.3	34
221	Evaluation of the coordinated actions of estrogen receptors with epidermal growth factor receptor and insulin-like growth factor receptor in the expression of cell surface heparan sulfate proteoglycans and cell motility in breast cancer cells. <i>FEBS Journal</i> , 2013 , 280, 2248-59	5.7	43
220	Syndecan-2 is a key regulator of transforming growth factor beta 2/Smad2-mediated adhesion in fibrosarcoma cells. <i>IUBMB Life</i> , 2013 , 65, 134-43	4.7	28
219	Cell-surface serglycin promotes adhesion of myeloma cells to collagen type I and affects the expression of matrix metalloproteinases. <i>FEBS Journal</i> , 2013 , 280, 2342-52	5.7	44
218	Imatinib as a key inhibitor of the platelet-derived growth factor receptor mediated expression of cell surface heparan sulfate proteoglycans and functional properties of breast cancer cells. <i>FEBS Journal</i> , 2013 , 280, 2477-89	5.7	41
217	Preclinical evaluation of zoledronate using an in vitro mimetic cellular model for breast cancer metastatic bone disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3625-34	4	11
216	The effect of synbiotics on acute radiation-induced diarrhea and its association with mucosal inflammatory and adaptive responses in rats. <i>Digestive Diseases and Sciences</i> , 2013 , 58, 2487-98	4	7
215	Expression of matrix macromolecules and functional properties of EGF-responsive colon cancer cells are inhibited by panitumumab. <i>Investigational New Drugs</i> , 2013 , 31, 516-24	4.3	22
214	The roles of hyaluronan/RHAMM/CD44 and their respective interactions along the insidious pathways of fibrosarcoma progression. <i>BioMed Research International</i> , 2013 , 2013, 929531	3	42
213	Expression of syndecan-4 and correlation with metastatic potential in testicular germ cell tumours. <i>BioMed Research International</i> , 2013 , 2013, 214864	3	20
212	New insights into the pathobiology of Down syndrome--hyaluronan synthase-2 overexpression is regulated by collagen VI α chain. <i>FEBS Journal</i> , 2013 , 280, 2418-30	5.7	21
211	Efficacy versus safety concerns for aerosol chemotherapy in non-small-cell lung cancer: a future dilemma for micro-oncology. <i>Future Oncology</i> , 2013 , 9, 505-25	3.6	29
210	Serglycin is implicated in the promotion of aggressive phenotype of breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e78157	3.7	55
209	Could growth factor-mediated extracellular matrix deposition and degradation offer the ground for directed pharmacological targeting in fibrosarcoma?. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2868-80	4.3	11
208	Imbalance of MMP-2 and MMP-9 expression versus TIMP-1 and TIMP-2 reflects increased invasiveness of human testicular germ cell tumours. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 835-44		17

207	Glycosaminoglycans: key players in cancer cell biology and treatment. <i>FEBS Journal</i> , 2012 , 279, 1177-97	5.7	355
206	Wild blueberry (<i>V. angustifolium</i>)-enriched diets alter aortic glycosaminoglycan profile in the spontaneously hypertensive rat. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 961-5	6.3	13
205	Expression of matrix macromolecules and functional properties of breast cancer cells are modulated by the bisphosphonate zoledronic acid. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1926-39	4	59
204	Assessment of PCBs exposure in human hair using double focusing high resolution mass spectrometry and single quadrupole mass spectrometry. <i>Toxicology Letters</i> , 2012 , 210, 225-31	4.4	18
203	Inhaled chemotherapy in lung cancer: future concept of nanomedicine. <i>International Journal of Nanomedicine</i> , 2012 , 7, 1551-72	7.3	133
202	Glycosaminoglycans: from "cellular glue" to novel therapeutical agents. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 220-2	5.1	28
201	An extracellular <i>Staphylococcus epidermidis</i> polysaccharide: relation to Polysaccharide Intercellular Adhesin and its implication in phagocytosis. <i>BMC Microbiology</i> , 2012 , 12, 76	4.5	26
200	Management of malignant pleural effusion by suicide gene therapy in advanced stage lung cancer: a case series and literature review. <i>Cancer Gene Therapy</i> , 2012 , 19, 593-600	5.4	63
199	Effect of lumican on the migration of human mesenchymal stem cells and endothelial progenitor cells: involvement of matrix metalloproteinase-14. <i>PLoS ONE</i> , 2012 , 7, e50709	3.7	32
198	Feasibility and effectiveness of inhaled carboplatin in NSCLC patients. <i>Investigational New Drugs</i> , 2012 , 30, 1628-40	4.3	66
197	Vectors for inhaled gene therapy in lung cancer. Application for nano oncology and safety of bio nanotechnology. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 10828-62	6.3	42
196	The biology of small leucine-rich proteoglycans in bone pathophysiology. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33926-33	5.4	108
195	Targeting the tumor proteasome as a mechanism to control the synthesis and bioactivity of matrix macromolecules. <i>Current Molecular Medicine</i> , 2012 , 12, 1068-82	2.5	15
194	Insights into targeting colon cancer cell fate at the level of proteoglycans / glycosaminoglycans. <i>Current Medicinal Chemistry</i> , 2012 , 19, 4247-58	4.3	27
193	Extracellular Matrix: Pathobiology and Signaling 2012 ,		6
192	Lumican regulates osteosarcoma cell adhesion by modulating TGF β activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 928-35	5.6	63
191	Low molecular weight heparin inhibits melanoma cell adhesion and migration through a PKCa/JNK signaling pathway inducing actin cytoskeleton changes. <i>Cancer Letters</i> , 2011 , 312, 235-44	9.9	29
190	Pathophysiology and pharmacological targeting of tumor-induced bone disease: current status and emerging therapeutic interventions. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1584-98	4.3	10

189	Metalloproteinases in health and disease: challenges and the future prospects. <i>FEBS Journal</i> , 2011 , 278, 1	5-7	5
188	Roles of matrix metalloproteinases in cancer progression and their pharmacological targeting. <i>FEBS Journal</i> , 2011 , 278, 16-27	5-7	1066
187	Regulatory roles of hyaluronan in health and disease. <i>FEBS Journal</i> , 2011 , 278, 1411	5-7	11
186	Hyaluronan-CD44 interactions as potential targets for cancer therapy. <i>FEBS Journal</i> , 2011 , 278, 1429-43	5-7	340
185	Parathyroid hormone affects the fibroblast growth factor-proteoglycan signaling axis to regulate osteosarcoma cell migration. <i>FEBS Journal</i> , 2011 , 278, 3782-92	5-7	18
184	Versican but not decorin accumulation is related to malignancy in mammographically detected high density and malignant-appearing microcalcifications in non-palpable breast carcinomas. <i>BMC Cancer</i> , 2011 , 11, 314	4-8	39
183	Heparin plays a key regulatory role via a p53/FAK-dependent signaling in melanoma cell adhesion and migration. <i>IUBMB Life</i> , 2011 , 63, 109-19	4-7	8
182	A modified protocol for isolation and purity evaluation of a staphylococcal acidic polysaccharide by chromatography and capillary electrophoresis. <i>Biomedical Chromatography</i> , 2011 , 25, 531-4	1-7	1
181	Monitoring serum chondroitin sulfate levels in patients submitted to coronary artery bypass surgery. <i>Biomedical Chromatography</i> , 2011 , 25, 748-50	1-7	7
180	Heparan sulfate: biological significance, tools for biochemical analysis and structural characterization. <i>Biomedical Chromatography</i> , 2011 , 25, 11-20	1-7	24
179	Crocetin inhibits invasiveness of MDA-MB-231 breast cancer cells via downregulation of matrix metalloproteinases. <i>Planta Medica</i> , 2011 , 77, 146-51	3-1	68
178	Syntheses, antiproliferative activity and theoretical characterization of acitretin-type retinoids with changes in the lipophilic part. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 721-37	6-8	23
177	Adherence of <i>Staphylococcus epidermidis</i> to human endothelial cells is associated with a polysaccharidic component of its extracellular mucous layer. <i>Connective Tissue Research</i> , 2011 , 52, 183-9 ³⁻³		4
176	Role of receptor for hyaluronic acid-mediated motility (RHAMM) in low molecular weight hyaluronan (LMWHA)-mediated fibrosarcoma cell adhesion. <i>Journal of Biological Chemistry</i> , 2011 , 286, 38509-38520	5-4	89
175	Proteoglycans in health and disease: emerging concepts and future directions. <i>FEBS Journal</i> , 2010 , 277, 3863	5-7	41
174	Proteoglycans in health and disease: novel roles for proteoglycans in malignancy and their pharmacological targeting. <i>FEBS Journal</i> , 2010 , 277, 3904-23	5-7	295
173	Heparin regulates colon cancer cell growth through p38 mitogen-activated protein kinase signalling. <i>Cell Proliferation</i> , 2010 , 43, 9-18	7-9	15
172	The role of oligodendrocytes in the molecular pathobiology and potential molecular treatment of cervical spondylotic myelopathy. <i>Current Medicinal Chemistry</i> , 2010 , 17, 1048-58	4-3	21

171	Vibrational bone characteristics versus bone density for the assessment of osteoporosis in ovariectomized rats. <i>Journal of Medical Engineering and Technology</i> , 2010 , 34, 35-42	1.8	9
170	Tear analysis of ascorbic acid, uric acid and malondialdehyde with capillary electrophoresis. <i>Biomedical Chromatography</i> , 2010 , 24, 852-7	1.7	22
169	Glycosaminoglycans as key molecules in atherosclerosis: the role of versican and hyaluronan. <i>Current Medicinal Chemistry</i> , 2010 , 17, 4018-26	4.3	30
168	Parathyroid hormone (PTH) peptides through the regulation of hyaluronan metabolism affect osteosarcoma cell migration. <i>IUBMB Life</i> , 2010 , 62, 377-86	4.7	12
167	Estrogen receptors as regulators of syndecan-4 expression in solid tumors. <i>FASEB Journal</i> , 2010 , 24, lb1049	4.9	10
166	Bronchial asthma, chronic obstructive pulmonary disease and NF-kappaB. <i>Current Medicinal Chemistry</i> , 2009 , 16, 867-83	4.3	17
165	Targeting epidermal growth factor receptor in solid tumors: critical evaluation of the biological importance of therapeutic monoclonal antibodies. <i>Current Medicinal Chemistry</i> , 2009 , 16, 3797-804	4.3	22
164	The impact of zoledronic acid therapy in survival of lung cancer patients with bone metastasis. <i>International Journal of Cancer</i> , 2009 , 125, 1705-9	7.5	111
163	A comparative biochemical analysis of glycosaminoglycans and proteoglycans in human orthotopic and heterotopic bone. <i>IUBMB Life</i> , 2009 , 61, 447-52	4.7	23
162	Fibroblast growth factor-2 modulates melanoma adhesion and migration through a syndecan-4-dependent mechanism. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1323-31	5.6	50
161	bFGF induces changes in hyaluronan synthase and hyaluronidase isoform expression and modulates the migration capacity of fibrosarcoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009 , 1790, 1258-65	4	23
160	Metalloproteinases as key molecules to target invasiveness in solid tumors. <i>FASEB Journal</i> , 2009 , 23, LB268	0.9	1
159	Enhanced antitumour activity of cyclopentadienyl-substituted metallocene dihalides in human breast and colon cancer cells. <i>Anticancer Research</i> , 2009 , 29, 3227-31	2.3	7
158	Chondroitin sulfate and heparan sulfate-containing proteoglycans are both partners and targets of basic fibroblast growth factor-mediated proliferation in human metastatic melanoma cell lines. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 72-83	5.6	46
157	Regulation of hyaluronan and versican deposition by growth factors in fibrosarcoma cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008 , 1780, 194-202	4	23
156	Estradiol-estrogen receptor: a key interplay of the expression of syndecan-2 and metalloproteinase-9 in breast cancer cells. <i>Molecular Oncology</i> , 2008 , 2, 223-32	7.9	63
155	Imatinib mesylate inhibits proliferation and exerts an antifibrotic effect in human breast stroma fibroblasts. <i>Molecular Cancer Research</i> , 2008 , 6, 706-14	6.6	28
154	Hyaluronan and chondroitin sulfate proteoglycans in the supramolecular organization of the mammalian vitreous body. <i>Connective Tissue Research</i> , 2008 , 49, 124-8	3.3	43

153	Recent advances in the structural study of functional chondroitin sulfate and dermatan sulfate in health and disease. <i>Connective Tissue Research</i> , 2008 , 49, 133-9	3.3	128
152	The role of SLRP-proteoglycans in osteosarcoma pathogenesis. <i>Connective Tissue Research</i> , 2008 , 49, 235-8	3.3	24
151	Decorin-induced growth inhibition is overcome through protracted expression and activation of epidermal growth factor receptors in osteosarcoma cells. <i>Molecular Cancer Research</i> , 2008 , 6, 785-94	6.6	38
150	Small tyrosine kinase inhibitors as key molecules in the expression of metalloproteinases by solid tumors. <i>Connective Tissue Research</i> , 2008 , 49, 211-4	3.3	4
149	Arabino-galactan proteins from <i>Pistacia lentiscus</i> var. <i>chia</i> : isolation, characterization and biological function. <i>Amino Acids</i> , 2008 , 34, 413-20	3.5	16
148	Lumican, a small leucine-rich proteoglycan. <i>IUBMB Life</i> , 2008 , 60, 818-23	4.7	98
147	Biochemistry and molecular biology in Greece: history and perspectives. <i>IUBMB Life</i> , 2008 , 60, 250-3	4.7	
146	Heparin—a unique stimulator of human colon cancer cells growth. <i>IUBMB Life</i> , 2008 , 60, 333-40	4.7	14
145	Chondroitin sulfate prevents platelet derived growth factor-mediated phosphorylation of PDGF-Rbeta in normal human fibroblasts severely impairing mitogenic responses. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1866-76	4.7	16
144	Glycosaminoglycan in cerebrum, cerebellum and brainstem of young sheep brain with particular reference to compositional and structural variations of chondroitin-dermatan sulfate and hyaluronan. <i>Biomedical Chromatography</i> , 2008 , 22, 931-8	1.7	3
143	Design, synthesis and cell growth inhibitory activity of a series of novel aminosubstituted xantheno[1,2-d]imidazoles in breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 3445-55	3.4	11
142	Capillary electrophoresis for the quality control of chondroitin sulfates in raw materials and formulations. <i>Analytical Biochemistry</i> , 2008 , 374, 213-20	3.1	50
141	GnRH analogues containing conformationally restricted amino acids in positions 3 and 6: differential impact on pituitary binding affinity and direct antiproliferative effect on breast cancer cells. <i>Chemical Biology and Drug Design</i> , 2008 , 66, 57-64		9
140	Lumican expression is positively correlated with the differentiation and negatively with the growth of human osteosarcoma cells. <i>FEBS Journal</i> , 2008 , 275, 350-61	5.7	63
139	The biological role of chondroitin sulfate in cancer and chondroitin-based anticancer agents. <i>In Vivo</i> , 2008 , 22, 385-9	2.3	60
138	Design, synthesis, and evaluation of the antiproliferative activity of a series of novel fused xanthenone aminoderivatives in human breast cancer cells. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 1716-9	8.3	17
137	Expression and distribution of N-acetyl and N-glycolylneuraminic acids in secreted and cell-associated glycoconjugates by two human osteosarcoma cell lines. <i>Biomedical Chromatography</i> , 2007 , 21, 406-9	1.7	12
136	Imatinib inhibits colorectal cancer cell growth and suppresses stromal-induced growth stimulation, MT1-MMP expression and pro-MMP2 activation. <i>International Journal of Cancer</i> , 2007 , 121, 2808-14	7.5	48

135	Design and synthesis of new pyranoxanthenones bearing a nitro group or an aminosubstituted side chain on the pyran ring. Evaluation of their growth inhibitory activity in breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 307-19	6.8	19
134	Synthesis and Biological Evaluation of New GnRH Analogues on Pituitary and Breast Cancer Cells. <i>International Journal of Peptide Research and Therapeutics</i> , 2007 , 13, 143-149	2.1	3
133	The importance of c-Kit and PDGF receptors as potential targets for molecular therapy in breast cancer. <i>Current Medicinal Chemistry</i> , 2007 , 14, 735-43	4.3	49
132	Hyaluronan Determination: Biological Significance & Analytical Tools. <i>Current Pharmaceutical Analysis</i> , 2007 , 3, 117-128	0.6	8
131	Inhibition of breast cancer cell proliferation by style constituents of different Crocus species. <i>Anticancer Research</i> , 2007 , 27, 357-62	2.3	87
130	Determination and distribution of N-acetyl- and N-glycolylneuraminic acids in culture media and cell-associated glycoconjugates from human malignant mesothelioma and adenocarcinoma cells. <i>Biomedical Chromatography</i> , 2006 , 20, 434-9	1.7	20
129	Identification of the commonest cystic fibrosis transmembrane regulator gene DeltaF508 mutation: evaluation of PCR--single-strand conformational polymorphism and polyacrylamide gel electrophoresis. <i>Biomedical Chromatography</i> , 2006 , 20, 1120-5	1.7	3
128	Metabolism and biochemical/physiological roles of chondroitin sulfates: analysis of endogenous and supplemental chondroitin sulfates in blood circulation. <i>Biomedical Chromatography</i> , 2006 , 20, 539-50	1.7	40
127	Effects of the natural isoflavonoid genistein on growth, signaling pathways and gene expression of matrix macromolecules by breast cancer cells. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006 , 6, 331-7	3.2	37
126	Serglycin constitutively secreted by myeloma plasma cells is a potent inhibitor of bone mineralization in vitro. <i>Journal of Biological Chemistry</i> , 2006 , 281, 35116-28	5.4	75
125	Immunization with specific polysaccharide antigen reduces alterations in corneal proteoglycans during experimental slime-producing Staphylococcus epidermidis keratitis. <i>Current Eye Research</i> , 2006 , 31, 137-46	2.9	8
124	Structure of chondroitin sulfate. <i>Advances in Pharmacology</i> , 2006 , 53, 33-48	5.7	46
123	Cartilage aggrecan undergoes significant compositional and structural alterations during laryngeal cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 1046-53	4	18
122	Chondroitin sulfate A chains enhance platelet derived growth factor-mediated signalling in fibrosarcoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 2141-50	5.6	27
121	Versican but not decorin accumulation is related to metastatic potential and neovascularization in testicular germ cell tumours. <i>Histopathology</i> , 2006 , 49, 582-93	7.3	35
120	Wild blueberry (<i>Vaccinium angustifolium</i>) consumption affects the composition and structure of glycosaminoglycans in Sprague-Dawley rat aorta. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 109-16	6.3	27
119	Evaluation of modal damping factor as a diagnostic tool for osteoporosis and its relation with serum osteocalcin and collagen I N-telopeptide for monitoring the efficacy of alendronate in ovariectomized rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 891-7	3.5	23
118	Chondroitin sulfate as a key molecule in the development of atherosclerosis and cancer progression. <i>Advances in Pharmacology</i> , 2006 , 53, 281-95	5.7	49

117	Transforming growth factor-beta as a key molecule triggering the expression of versican isoforms v0 and v1, hyaluronan synthase-2 and synthesis of hyaluronan in malignant osteosarcoma cells. <i>IUBMB Life</i> , 2006 , 58, 47-53	4.7	45
116	Lumican, a small leucine-rich proteoglycan substituted with keratan sulfate chains is expressed and secreted by human melanoma cells and not normal melanocytes. <i>IUBMB Life</i> , 2006 , 58, 606-10	4.7	35
115	Dietary manganese affects the concentration, composition and sulfation pattern of heparan sulfate glycosaminoglycans in Sprague-Dawley rat aorta. <i>BioMetals</i> , 2006 , 19, 535-46	3.4	7
114	Expression of TNF-alpha, IL-1beta, and IFN-gamma in Staphylococcus epidermidis slime-positive experimental endophthalmitis is closely related to clinical inflammatory scores. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 1322-8	3.8	29
113	Gonadotropin-releasing hormone analogues alter gene expression of metalloproteinases and their tissue inhibitors in human breast cancer epithelial cells. <i>Anticancer Research</i> , 2006 , 26, 4615-21	2.3	4
112	Diagnostic value of bone remodeling markers in the diagnosis of bone metastases in patients with breast cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 171-6	3.5	19
111	Synthesis and study of the electrophoretic behavior of mannan conjugates with cyclic peptide analogue of myelin basic protein using lysine-glycine linker. <i>Analytical Biochemistry</i> , 2005 , 347, 121-8	3.1	23
110	Application of polyacrylamide gel electrophoresis of fluorophore-labeled saccharides for analysis of hyaluronan and chondroitin sulfate in human and animal tissues and cell cultures. <i>Biomedical Chromatography</i> , 2005 , 19, 761-5	1.7	20
109	Alteration in serum leptin correlates with alterations in serum N-telopeptide of collagen type I and serum osteocalcin during the progression of osteoporosis in ovariectomized rats. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 1359-65	5.9	4
108	Signal transduction by IL-2 and its receptors as target in treatment of rheumatoid arthritis. <i>Current Drug Targets Immune, Endocrine and Metabolic Disorders</i> , 2005 , 5, 41-50		9
107	State of the Art of Biochemical Markers in Metastatic Bone Disease and the Role of Bisphosphonates as Therapeutic Agents. <i>Current Pharmaceutical Analysis</i> , 2005 , 1, 225-241	0.6	4
106	Potential use of solid phase immunoassays in the diagnosis of coagulase-negative staphylococcal infections. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 803-10	3.5	6
105	Determination and biological relevance of serum cross-linked type I collagen N-telopeptide and bone-specific alkaline phosphatase in breast metastatic cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 827-32	3.5	39
104	Clara cell secretory protein: determination of serum levels by an enzyme immunoassay and its importance as an indicator of bronchial asthma in children. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 823-6	3.5	24
103	Variations in content and structure of glycosaminoglycans of the vitreous gel from different mammalian species. <i>Biomedical Chromatography</i> , 2004 , 18, 457-61	1.7	36
102	Infectious crystalline keratopathy and endophthalmitis caused by a slime producing Staphylococcus epidermidis strain. <i>Annals of Ophthalmology</i> , 2004 , 36, 37-39		4
101	IGF-I affects glycosaminoglycan/proteoglycan synthesis in breast cancer cells through tyrosine kinase-dependent and -independent pathways. <i>Biochimie</i> , 2004 , 86, 251-251	4.6	
100	IGF-I affects glycosaminoglycan/proteoglycan synthesis in breast cancer cells through tyrosine kinase-dependent and -independent pathways. <i>Biochimie</i> , 2004 , 86, 251-9	4.6	10

99	The presence of a novel extracellular hyaluronidase in squid cranial cartilage. <i>Biochimie</i> , 2004 , 86, 579-86.	4.6	5
98	Analysis of carbendazim and thiabendazole in lemons by CE-DAD. <i>Chromatographia</i> , 2003 , 57, 181-184	2.1	18
97	Letrozole as a potent inhibitor of cell proliferation and expression of metalloproteinases (MMP-2 and MMP-9) by human epithelial breast cancer cells. <i>International Journal of Cancer</i> , 2003 , 104, 155-60	7.5	55
96	Laser-induced fluorescence as a powerful detection tool for capillary electrophoretic analysis of heparin/heparan sulfate disaccharides. <i>Biomedical Chromatography</i> , 2003 , 17, 39-41	1.7	20
95	Capillary electrophoresis and enzyme solid phase assay for examining the purity of a synthetic heparin proteoglycan-like conjugate and identifying binding to basic fibroblast growth factor. <i>Biomedical Chromatography</i> , 2003 , 17, 42-7	1.7	7
94	Versican undergoes specific alterations in the fine molecular structure and organization in human aneurysmal abdominal aortas. <i>Biomedical Chromatography</i> , 2003 , 17, 411-6	1.7	13
93	Capillary electrophoresis: a tool for studying interactions of glycans/proteoglycans with growth factors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 823-8	3.5	30
92	Derivatization of carbohydrates for chromatographic, electrophoretic and mass spectrometric structure analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 793, 15-36	3.2	205
91	The effects of genistein on the synthesis and distribution of glycosaminoglycans/proteoglycans by two osteosarcoma cell lines depends on tyrosine kinase and the estrogen receptor density. <i>Anticancer Research</i> , 2003 , 23, 459-64	2.3	28
90	Large matrix proteoglycans, versican and perlecan, are expressed and secreted by human leukemic monocytes. <i>Anticancer Research</i> , 2003 , 23, 3303-9	2.3	34
89	Ageing research in Greece. <i>Experimental Gerontology</i> , 2002 , 37, 735-47	4.5	2
88	Determination of twelve heparin- and heparan sulfate-derived disaccharides as 2-aminoacridone derivatives by capillary zone electrophoresis using ultraviolet and laser-induced fluorescence detection. <i>Electrophoresis</i> , 2002 , 23, 1104-9	3.6	87
87	Identification of kappa and lambda chains of the major immunoglobulin G subclasses by capillary zone electrophoresis. <i>Biomedical Chromatography</i> , 2002 , 16, 234-6	1.7	8
86	A capillary zone electrophoresis method for determining N-acetylneuraminic acid in glycoproteins and blood sera. <i>Biomedical Chromatography</i> , 2002 , 16, 146-50	1.7	16
85	Analysis of glycosaminoglycan-derived disaccharides in biologic samples by capillary electrophoresis and protocol for sequencing glycosaminoglycans. <i>Biomedical Chromatography</i> , 2002 , 16, 95-102	1.7	52
84	Structure analysis of lipoglycans and lipoglycan-derived carbohydrates by capillary electrophoresis and mass spectrometry. <i>Biomedical Chromatography</i> , 2002 , 16, 116-26	1.7	8
83	Advances in analysis of glycosaminoglycans: its application for the assessment of physiological and pathological states of connective tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 781, 21-38	3.2	39
82	Levels of specific antibodies towards the major antigenic determinant of slime-producing <i>Staphylococcus epidermidis</i> determined by an enzyme immunoassay and their protective effect in experimental keratitis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 255-62	3.5	7

81	Separation methods for sialic acids and critical evaluation of their biologic relevance. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 781, 3-19	3.2	46
80	Decreased biglycan expression and differential decorin localization in human abdominal aortic aneurysms. <i>Atherosclerosis</i> , 2002 , 165, 221-30	3.1	31
79	Chapter 22 Capillary electrophoresis of intact and depolymerized glycosaminoglycans and proteoglycans. <i>Journal of Chromatography Library</i> , 2002 , 66, 799-826		2
78	Isolation and characterization of matrix proteoglycans from human nasal cartilage. Compositional and structural comparison between normal and scoliotic tissues. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1569, 117-26	4	25
77	Pig vitreous gel: macromolecular composition with particular reference to hyaluronan-binding proteoglycans. <i>Biochimie</i> , 2002 , 84, 295-302	4.6	26
76	Compositional and structural alterations of chondroitin and dermatan sulfates during the progression of atherosclerosis and aneurysmal dilatation of the human abdominal aorta. <i>Biochimie</i> , 2002 , 84, 667-74	4.6	44
75	Inhibition of receptor tyrosine kinase-based signal transduction as specific target for cancer treatment. <i>In Vivo</i> , 2002 , 16, 459-69	2.3	10
74	In vitro effects of genistein on the synthesis and distribution of glycosaminoglycans/proteoglycans by estrogen receptor-positive and -negative human breast cancer epithelial cells. <i>Anticancer Research</i> , 2002 , 22, 2841-6	2.3	11
73	Synthesis and expression of mRNA encoding for different versican splice variants is related to the aggregation of human epithelial mesothelioma cells. <i>Anticancer Research</i> , 2002 , 22, 4157-62	2.3	4
72	Capillary electrophoresis: a superior miniaturized tool for analysis of the mono-, di-, and oligosaccharide constituents of glycan moieties in proteoglycans. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 371, 157-67		16
71	Immunoreactivity of 80-kDa peptidoglycan and teichoic acid-like substance of slime producing <i>S. epidermidis</i> and specificity of their antibodies studied by an enzyme immunoassay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 24, 429-36	3.5	11
70	Increased aqueous humor basic fibroblast growth factor and hyaluronan levels in relation to the exfoliation syndrome and exfoliative glaucoma. <i>Acta Ophthalmologica</i> , 2001 , 79, 572-5		27
69	Effects of mitogens on synthesis and distribution of heparan and chondroitin sulphates by human leukemic B, T cells and monocytes studied by high-performance liquid chromatography and radiochemical detection. <i>Biomedical Chromatography</i> , 2001 , 15, 534-8	1.7	6
68	Application of capillary electrophoresis in the analysis of novel synthetic dideoxynucleoside analogues with potential anti-HIV activity. <i>Biomedical Chromatography</i> , 2001 , 15, 271-3	1.7	1
67	Determination of malondialdehyde by capillary electrophoresis, application to human plasma and relation of its levels with prematurity. <i>Biomedical Chromatography</i> , 2001 , 15, 287-91	1.7	11
66	Synthesis and distribution of glycosaminoglycans in human leukemic B- and T-cells and monocytes studied using specific enzymic treatments and high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2001 , 15, 413-7	1.7	13
65	Identification of oligomeric domains within dermatan sulfate chains using differential enzymic treatments, derivatization with 2-aminoacridone and capillary electrophoresis. <i>Electrophoresis</i> , 2001 , 22, 2458-63	3.6	34
64	Microemulsion electrokinetic capillary chromatography of sulfated disaccharides derived from glycosaminoglycans. <i>Electrophoresis</i> , 2001 , 22, 2743-5	3.6	19

63	Intact and oligomeric glycosaminoglycans analyzed with capillary electrophoresis. <i>Methods in Molecular Biology</i> , 2001 , 171, 193-8	1.4	
62	Human abdominal aortic aneurysm is characterized by decreased versican concentration and specific downregulation of versican isoform V(0). <i>Atherosclerosis</i> , 2001 , 154, 367-76	3.1	48
61	Disaccharide composition in glycosaminoglycans/proteoglycans analyzed by capillary zone electrophoresis. <i>Methods in Molecular Biology</i> , 2001 , 171, 181-92	1.4	9
60	Identification, quantification and fine structural characterization of glycosaminoglycans from uterine leiomyoma and normal myometrium. <i>Biochimie</i> , 2001 , 83, 529-36	4.6	17
59	Capillary electrophoretic analysis of brimonidine in aqueous humor of the eye and blood sera and relation of its levels with intraocular pressure. <i>Biomedical Chromatography</i> , 2000 , 14, 301-5	1.7	18
58	Monitoring of two intravenous immunoglobulin. Preparations for immunoglobulin G subclasses and specific antibodies to bacterial surface antigens and relation with their levels in treated immunodeficient patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 22, 1029-36	3.5	24
57	Determination of slime-producing <i>S. epidermidis</i> specific antibodies in human immunoglobulin preparations and blood sera by an enzyme immunoassay: correlation of antibody titers with opsonic activity and application to preterm neonates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 23, 363-74	3.5	18
56	Immunochemical-based assays in the bioanalysis of immunoglobulins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 23, 939-46	3.5	7
55	Differentiation of mesothelioma cells is influenced by the expression of proteoglycans. <i>Experimental Cell Research</i> , 2000 , 258, 12-22	4.2	60
54	HIGH PERFORMANCE CAPILLARY ELECTROPHORESIS AS A POWERFUL ANALYTICAL TOOL OF GLYCOCONJUGATES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999 , 22, 1295-1317	1.3	17
53	Ultrasensitive capillary electrophoresis of sulfated disaccharides in chondroitin/dermatan sulfates by laser-induced fluorescence after derivatization with 2-aminoacridone. <i>Biomedical Applications</i> , 1999 , 730, 129-33		54
52	Importance of high-performance liquid chromatographic analysis of serum N-acylneuraminic acids in evaluating surgical treatment in patients with early endometrial cancer. <i>Biomedical Applications</i> , 1999 , 732, 375-81		15
51	An enzyme immunoassay to determine the levels of specific antibodies toward bacterial surface antigens in human immunoglobulin preparations and blood serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 20, 913-20	3.5	24
50	Effects of glycosaminoglycans on proliferation of epithelial and fibroblast human malignant mesothelioma cells: a structure-function relationship. <i>Cell Proliferation</i> , 1999 , 32, 85-99	7.9	29
49	Analysis of N-acetyl and N-glycolylneuraminic acid in rat serum and tissues with Walker 256 carcinoma by high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 1999 , 13, 57-60	1.7	7
48	Development of an HPLC method for determining the alpha 2-adrenergic receptor agonist brimonidine in blood serum and aqueous humor of the eye. <i>Biomedical Chromatography</i> , 1999 , 13, 86-8	1.7	20
47	State-of-the-art of capillary electrophoresis with application to the area of glycoconjugates. <i>Biomedical Chromatography</i> , 1999 , 13, 501-6	1.7	22
46	Strategies for analysis and structure characterization of glycans/proteoglycans by capillary electrophoresis. Their diagnostic and biopharmaceutical importance. <i>Biomedical Chromatography</i> , 1999 , 13, 507-12	1.7	22

45	DETERMINATION OF PHOSPHORYLATED AND SULFATED LINKAGE REGION OLIGOSACCHARIDES IN CHONDROITIN/DERMATAN AND HEPARAN SULFATE PROTEOGLYCANS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999 , 22, 1997-2007	1.3	5
44	Isolation and characterisation of a small dermatan sulphate proteoglycan from ray skin (<i>Raja clavata</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1999 , 124, 15-24 ³	2.4	10
43	Purification and characterisation of a minor low-sulphated dermatan sulphate-proteoglycan from ray skin. <i>Biochimie</i> , 1999 , 81, 187-96	4.6	13
42	Proteoglycans in human malignant mesothelioma. Stimulation of their synthesis induced by epidermal, insulin and platelet-derived growth factors involves receptors with tyrosine kinase activity. <i>Biochimie</i> , 1999 , 81, 733-44	4.6	39
41	Isolation and analysis of a novel acidic polysaccharide from the case of squid pen. <i>International Journal of Biological Macromolecules</i> , 1999 , 26, 83-8	7.9	5
40	Human abdominal aortic aneurysm is closely associated with compositional and specific structural modifications at the glycosaminoglycan level. <i>Atherosclerosis</i> , 1999 , 145, 359-68	3.1	50
39	Use of Topical Brimonidine to Prevent Intraocular Pressure Elevations Following Nd:YAG-Laser Posterior Capsulotomy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1999 , 30, 647-652	1.4	4
38	A survey of methodological challenges for glycosaminoglycan/proteoglycan analysis and structural characterization by capillary electrophoresis. <i>Electrophoresis</i> , 1998 , 19, 2561-71	3.6	42
37	Profiling of the eye aqueous humor in exfoliation syndrome by high-performance liquid chromatographic analysis of hyaluronan and galactosaminoglycans. <i>Biomedical Applications</i> , 1998 , 709, 173-8		25
36	Screening of N-acylneuraminic acids in serum and tissue specimens of mouse C57Bl with LewisQ lung cancer by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1998 , 712, 23-9		19
35	Preparation and Properties of Enantiomerically Pure Nalpha-Triethylamino Acid Fluorides.. <i>Acta Chemica Scandinavica</i> , 1998 , 52, 1144-1150		11
34	The major 20-kDa polysaccharide of <i>Staphylococcus epidermidis</i> extracellular slime and its antibodies as powerful agents for detecting antibodies in blood serum and differentiating among slime-positive and -negative <i>S. epidermidis</i> and other staphylococci species. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 349, 268-75	4.1	27
33	Proteoglycan synthesis induced by transforming and basic fibroblast growth factors in human malignant mesothelioma is mediated through specific receptors and the tyrosine kinase intracellular pathway. <i>Biochimie</i> , 1997 , 79, 323-32	4.6	24
32	Ion-pair high-performance liquid chromatography for determining disaccharide composition in heparin and heparan sulphate. <i>Journal of Chromatography A</i> , 1997 , 765, 169-79	4.5	96
31	High-performance capillary electrophoretic analysis of hyaluronan in effusions from human malignant mesothelioma. <i>Biomedical Applications</i> , 1997 , 697, 277-81		30
30	Isolation, biochemical and immunological characterisation of two sea urchin glycoproteins bearing sulphated poly(sialic acid) polysaccharides rich in N-glycolyl neuraminic acid. <i>Biochimie</i> , 1996 , 78, 171-82	4.6	6
29	Effect of insulin and epidermal growth factors on the synthesis of glycosaminoglycans/proteoglycans in cultured human malignant mesothelioma cells of different phenotypic morphology. <i>Apmis</i> , 1996 , 104, 718-28	3.4	9
28	High performance capillary electrophoresis method to characterize heparin and heparan sulfate disaccharides. <i>Electrophoresis</i> , 1996 , 17, 391-5	3.6	70

27	Analysis of Carcinogenic Heterocyclic Amines by High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 2247-2256	1.3	11
26	Determination of hyaluronan and galactosaminoglycan disaccharides by high-performance capillary electrophoresis at the attomole level. Applications to analyses of tissue and cell culture proteoglycans. <i>Journal of Chromatography A</i> , 1995 , 696, 295-305	4.5	92
25	Glycosaminoglycans from two human malignant mesothelioma cell lines: determination, distribution, and effect of platelet-derived growth factor on their synthesis. <i>Biochemistry and Cell Biology</i> , 1995 , 73, 59-66	3.6	18
24	Identity of macromolecules present in the extracellular slime layer of <i>Staphylococcus epidermidis</i> . <i>Biochimie</i> , 1995 , 77, 217-24	4.6	28
23	Antibodies to three chondroitin sulfate-containing proteoglycans in squid skin recognize hexa- or longer chondroitin oligosaccharides as major antigenic determinants. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 316, 100-9	4.1	9
22	Effects on glycosaminoglycan synthesis in cultured human mesothelioma cells of transforming, epidermal, and fibroblast growth factors and their combinations with platelet-derived growth factor. <i>Experimental Cell Research</i> , 1995 , 220, 130-7	4.2	30
21	Identity of dermatan and chondroitin sequences in dermatan sulfate chains determined by using fragmentation with chondroitinases and ion-pair high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1995 , 225, 220-30	3.1	60
20	Facile Preparation of the 1-Hydroxybenzotriazolyl Ester of N-Tritylpyroglutamic Acid and its Application to the Synthesis of TRH, [D-His ²]TRH and Analogues Incorporating cis- and trans-4-Hydroxy-L-proline.. <i>Acta Chemica Scandinavica</i> , 1995 , 49, 103-114		7
19	Rapid Assay for the Determination of Two Photoactivatable Kainic Acid Analogues by High-Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994 , 17, 521-532		1
18	Determination of 24 variously sulfated galactosaminoglycan- and hyaluronan-derived disaccharides by high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1994 , 221, 189-99	3.1	128
17	Determination of the HNK-1 epitope (3-sulphated glucuronic acid) in intact chondroitin sulphates by ELISA. Application to squid skin proteoglycans and their oversulphated carbohydrate structures. <i>Biochimie</i> , 1994 , 76, 79-82	4.6	10
16	Isolation and characterization of a novel 20-kDa sulfated polysaccharide from the extracellular slime layer of <i>Staphylococcus epidermidis</i> . <i>Archives of Biochemistry and Biophysics</i> , 1994 , 308, 432-8	4.1	31
15	Redox N-Alkylation of Tosyl Protected Amino Acid and Peptide Esters.. <i>Acta Chemica Scandinavica</i> , 1994 , 48, 324-333		22
14	High-Performance Liquid Chromatographic Determination of Xylitole and Hexosaminotols Present in the Reduced Terminal of Glycosaminoglycans. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993 , 16, 2639-2652		6
13	Occurrence of a 29 kDa polysaccharide in the slime layer of both smooth and rough strains of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Biochemistry & Cell Biology</i> , 1993 , 25, 313-8		5
12	Two squid skin proteoglycans each containing chondroitin sulfates with different sulfation patterns. <i>Biochemistry and Cell Biology</i> , 1992 , 70, 629-35	3.6	17
11	Isolation, characterization and properties of the oversulphated chondroitin sulphate proteoglycan from squid skin with peculiar glycosaminoglycan sulphation pattern. <i>FEBS Journal</i> , 1992 , 204, 553-60		22
10	Isolation and chemical characterization of two acid carbohydrates from the sea urchin shell, extraction and fractionation of their protein complexes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991 , 99, 119-124		4

9	Isolation and high-performance liquid chromatographic analysis of ray (<i>Raja clavata</i>) skin glycosaminoglycans. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991 , 100, 827-832		5
8	Isolation and chemical study of the glycosaminoglycans from squid cornea. <i>International Journal of Biochemistry & Cell Biology</i> , 1991 , 23, 67-72		19
7	Chondroitin proteoglycans from squid skin. Isolation, characterization and immunological studies. <i>FEBS Journal</i> , 1990 , 192, 33-8		35
6	Determination of N-acetyl- and N-glycolylneuraminic acids in glycoconjugates by reversed-phase high-performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatography A</i> , 1990 , 503, 421-429	4-5	49
5	Determination of iduronic acid and glucuronic acid in glycosaminoglycans after stoichiometric reduction and depolymerization using high-performance liquid chromatography and ultraviolet detection. <i>Analytical Biochemistry</i> , 1988 , 172, 410-9	3-1	70
4	Extraction and fractionation of proteoglycans from squid skin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988 , 966, 36-43	4	22
3	Analysis of neutral sugars as dinitrophenyl-hydrazones by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1987 , 405, 221-228	4-5	44
2	Study of the glycosaminoglycans from squid skin. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986 , 85, 865-868		5
1	1.1 Extracellular matrix: a functional scaffold		8