

# George N Tzanakakis

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

6,957  
citations

41344

49  
h-index

76900

74  
g-index

163  
all docs

163  
docs citations

163  
times ranked

9587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycosaminoglycans: key players in cancer cell biology and treatment. <i>FEBS Journal</i> , 2012, 279, 1177-1197.	4.7	447
2	Anticancer and apoptosis-inducing effects of quercetin in vitro and in vivo. <i>Oncology Reports</i> , 2017, 38, 819-828.	2.6	352
3	Proteoglycans in health and disease: novel roles for proteoglycans in malignancy and their pharmacological targeting. <i>FEBS Journal</i> , 2010, 277, 3904-3923.	4.7	348
4	Lead toxicity update. A brief review. <i>Medical Science Monitor</i> , 2005, 11, RA329-36.	1.1	207
5	Occupational and environmental exposure to pesticides and cytokine pathways in chronic diseases (Review). <i>International Journal of Molecular Medicine</i> , 2016, 38, 1012-1020.	4.0	133
6	The Biology of Small Leucine-rich Proteoglycans in Bone Pathophysiology. <i>Journal of Biological Chemistry</i> , 2012, 287, 33926-33933.	3.4	130
7	The impact of zoledronic acid therapy in survival of lung cancer patients with bone metastasis. <i>International Journal of Cancer</i> , 2009, 125, 1705-1709.	5.1	122
8	Lumican, a small leucine-rich proteoglycan. <i>IUBMB Life</i> , 2008, 60, 818-823.	3.4	117
9	Inflammation and Metabolism in Cancer Cell's Mitochondria Key Player. <i>Frontiers in Oncology</i> , 2019, 9, 348.	2.8	115
10	Ion-pair high-performance liquid chromatography for determining disaccharide composition in heparin and heparan sulphate. <i>Journal of Chromatography A</i> , 1997, 765, 169-179.	3.7	108
11	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.	3.4	107
12	Cancer-associated stroke: Pathophysiology, detection and management (Review). <i>International Journal of Oncology</i> , 2019, 54, 779-796.	3.3	104
13	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.	3.7	96
14	Cancer Microenvironment and Inflammation: Role of Hyaluronan. <i>Frontiers in Immunology</i> , 2015, 6, 169.	4.8	94
15	Lumican affects tumor cell functions, tumor's ECM interactions, angiogenesis and inflammatory response. <i>Matrix Biology</i> , 2014, 35, 206-214.	3.6	92
16	Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). <i>International Journal of Oncology</i> , 2018, 52, 637-655.	3.3	90
17	Anticarcinogenic activity of polyphenolic extracts from grape stems against breast, colon, renal and thyroid cancer cells. <i>Toxicology Letters</i> , 2014, 230, 218-224.	0.8	84
18	Cross-talk between estradiol receptor and EGFR/IGF-1R signaling pathways in estrogen-responsive breast cancers: Focus on the role and impact of proteoglycans. <i>Matrix Biology</i> , 2014, 35, 182-193.	3.6	82

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19	Lumican expression is positively correlated with the differentiation and negatively with the growth of human osteosarcoma cells. <i>FEBS Journal</i> , 2008, 275, 350-361.	4.7	75
20	High performance capillary electrophoresis method to characterize heparin and heparan sulfate disaccharides. <i>Electrophoresis</i> , 1996, 17, 391-395.	2.4	74
21	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. <i>Toxicology Letters</i> , 2019, 316, 154-170.	0.8	71
22	Lumican regulates osteosarcoma cell adhesion by modulating TGF $\beta$ 2 activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 928-935.	2.8	70
23	Variations in the expression of TIMP1, TIMP2 and TIMP3 in cutaneous melanoma with regression and their possible function as prognostic predictors. <i>Oncology Letters</i> , 2016, 11, 3354-3360.	1.8	67
24	Role of the extracellular matrix in cancer-associated epithelial to mesenchymal transition phenomenon. <i>Developmental Dynamics</i> , 2018, 247, 368-381.	1.8	67
25	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, 1926-1939.	2.4	66
26	The biological role of chondroitin sulfate in cancer and chondroitin-based anticancer agents. <i>In Vivo</i> , 2008, 22, 385-9.	1.3	66
27	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, 223-232.	4.6	65
28	Liver metastases with 10 human colon carcinoma cell lines in nude mice and association with carcinoembryonic antigen production. <i>Cancer</i> , 1993, 71, 315-321.	4.1	64
29	Syndecan-1 and FGF-2, but Not FGF Receptor-1, Share a Common Transport Route and Co-Localize with Heparanase in the Nuclei of Mesenchymal Tumor Cells. <i>PLoS ONE</i> , 2009, 4, e7346.	2.5	63
30	Proteoglycans-Biomarkers and Targets in Cancer Therapy. <i>Frontiers in Endocrinology</i> , 2018, 9, 69.	3.5	63
31	Letrozole as a potent inhibitor of cell proliferation and expression of metalloproteinases (MMP-2 and Tj ETQq1 1 0,784314 rgBT /Ove	5.1	82
32	A study of zearalenone cytotoxicity on human peripheral blood mononuclear cells. <i>Toxicology Letters</i> , 2006, 165, 274-281.	0.8	62
33	ROS-major mediators of extracellular matrix remodeling during tumor progression. <i>Food and Chemical Toxicology</i> , 2013, 61, 178-186.	3.6	62
34	Chondroitin Sulfate as a Key Molecule in the Development of Atherosclerosis and Cancer Progression. <i>Advances in Pharmacology</i> , 2006, 53, 281-295.	2.0	60
35	HA metabolism in skin homeostasis and inflammatory disease. <i>Food and Chemical Toxicology</i> , 2017, 101, 128-138.	3.6	60
36	Capillary electrophoresis for the quality control of chondroitin sulfates in raw materials and formulations. <i>Analytical Biochemistry</i> , 2008, 374, 213-220.	2.4	58

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37	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, 1323-1331.	2.8	57
38	Neuroendocrine factors: The missing link in non-melanoma skin cancer. <i>Oncology Reports</i> , 2017, 38, 1327-1340.	2.6	55
39	Invasion and metastasis following orthotopic transplantation of human pancreatic cancer in the nude mouse. <i>Journal of Surgical Oncology</i> , 1989, 40, 261-265.	1.7	54
40	Transforming Growth Factor- $\beta$ 2 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.	3.4	54
41	The Importance of c-Kit and PDGF Receptors as Potential Targets for Molecular Therapy in Breast Cancer. <i>Current Medicinal Chemistry</i> , 2007, 14, 735-743.	2.4	53
42	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.	2.8	53
43	Translational Application of Circulating DNA in Oncology: Review of the Last Decades Achievements. <i>Cells</i> , 2019, 8, 1251.	4.1	53
44	Water-soluble amphotericin B-polyvinylpyrrolidone complexes with maintained antifungal activity against <i>Candida</i> spp. and <i>Aspergillus</i> spp. and reduced haemolytic and cytotoxic effects. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 236-244.	3.0	52
45	The Roles of Hyaluronan/RHAMM/CD44 and Their Respective Interactions along the Insidious Pathways of Fibrosarcoma Progression. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	52
46	Relation of PON1 and CYP1A1 genetic polymorphisms to clinical findings in a cross-sectional study of a Greek rural population professionally exposed to pesticides. <i>Toxicology Letters</i> , 2009, 186, 66-72.	0.8	51
47	In vivo selection of a highly metastatic cell line from a human pancreatic carcinoma in the nude mouse. <i>Cancer</i> , 1992, 69, 2060-2063.	4.1	50
48	Spinal Chondrosarcoma: A Review. <i>Sarcoma</i> , 2011, 2011, 1-10.	1.3	50
49	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, 2808-2814.	5.1	49
50	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, 2248-2259.	4.7	47
51	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, 2477-2489.	4.7	46
52	Emerging roles of syndecan 2 in epithelial and mesenchymal cancer progression. <i>IUBMB Life</i> , 2017, 69, 824-833.	3.4	46
53	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, 785-794.	3.4	43
54	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, 2843-2848.	1.9	42

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55	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, 733-744.	2.6	41
56	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, 331-337.	2.4	41
57	Anthropometric Analysis of the Face. <i>Journal of Craniofacial Surgery</i> , 2016, 27, e71-e75.	0.7	41
58	The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 359-379.	3.3	41
59	Specific Syndecan-1 Domains Regulate Mesenchymal Tumor Cell Adhesion, Motility and Migration. <i>PLoS ONE</i> , 2011, 6, e14816.	2.5	41
60	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, 606-610.	3.4	37
61	Proteoglycans and Immunobiology of Cancer—Therapeutic Implications. <i>Frontiers in Immunology</i> , 2019, 10, 875.	4.8	36
62	Heterogeneity of potential for hematogenous metastasis in a human pancreatic carcinoma. <i>Journal of Surgical Research</i> , 1990, 48, 51-55.	1.6	35
63	Prevention of human pancreatic cancer cell-induced hepatic metastasis in nude mice by dipyridamole and its analog RA-233. <i>Cancer</i> , 1993, 71, 2466-2471.	4.1	35
64	Anthracycline-Dependent Cardiotoxicity and Extracellular Matrix Remodeling. <i>Chest</i> , 2014, 146, 1123-1130.	0.8	35
65	Parathyroid hormone/parathyroid hormone-related peptide regulate osteosarcoma cell functions: Focus on the extracellular matrix (Review). <i>Oncology Reports</i> , 2016, 36, 1787-1792.	2.6	35
66	Insulin-Like Growth Factor and Epidermal Growth Factor Signaling in Breast Cancer Cell Growth: Focus on Endocrine Resistant Disease. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-10.	1.4	34
67	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.	5.3	33
68	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, 235-244.	7.2	33
69	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, 130-137.	2.6	32
70	Glycosaminoglycans: from "cellular glue" to novel therapeutical agents. <i>Current Opinion in Pharmacology</i> , 2012, 12, 220-222.	3.5	32
71	Heparan sulfate proteoglycans and heparin regulate melanoma cell functions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2471-2481.	2.4	32
72	The Motile Breast Cancer Phenotype Roles of Proteoglycans/Glycosaminoglycans. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	31

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73	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.	1.1	31
74	Syndecan-2 is a key regulator of transforming growth factor beta 2/smad2-mediated adhesion in fibrosarcoma cells. <i>IUBMB Life</i> , 2013, 65, 134-143.	3.4	30
75	Inhibition of hepatic metastasis from a human pancreatic adenocarcinoma (RWP-2) in the nude mouse by prostacyclin, forskolin, and ketoconazole. <i>Cancer</i> , 1990, 65, 446-451.	4.1	29
76	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, 2141-2150.	2.8	29
77	Receptor for hyaluronic acid-mediated motility (RHAMM) regulates HT1080 fibrosarcoma cell proliferation via a $\beta$ -catenin/c-myc signaling axis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 814-824.	2.4	29
78	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, 1258-1265.	2.4	28
79	Heparan sulfate: biological significance, tools for biochemical analysis and structural characterization. <i>Biomedical Chromatography</i> , 2011, 25, 11-20.	1.7	28
80	Insights into Targeting Colon Cancer Cell Fate at the Level of Proteoglycans / Glycosaminoglycans. <i>Current Medicinal Chemistry</i> , 2012, 19, 4247-4258.	2.4	28
81	Hyaluronan/RHAMM Interactions in Mesenchymal Tumor Pathogenesis. <i>Advances in Cancer Research</i> , 2014, 123, 319-349.	5.0	28
82	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.	2.4	27
83	Hyaluronan regulates chemical allergen-induced IL-18 production in human keratinocytes. <i>Toxicology Letters</i> , 2015, 232, 89-97.	0.8	27
84	Biglycan Regulates MG63 Osteosarcoma Cell Growth Through a LPR6/ $\beta$ -Catenin/IGFR-IR Signaling Axis. <i>Frontiers in Oncology</i> , 2018, 8, 470.	2.8	27
85	Hyaluronan/Hyaladherins - a Promising Axis for Targeted Drug Delivery in Cancer. <i>Current Drug Delivery</i> , 2016, 13, 500-511.	1.6	27
86	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, 3797-3804.	2.4	26
87	Parathyroid hormone affects the fibroblast growth factor- $\beta$ proteoglycan signaling axis to regulate osteosarcoma cell migration. <i>FEBS Journal</i> , 2011, 278, 3782-3792.	4.7	26
88	KIT receptor activation by autocrine and paracrine stem cell factor stimulates growth of merkel cell carcinoma in vitro. <i>Journal of Cellular Physiology</i> , 2011, 226, 1099-1109.	4.1	26
89	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, 323-332.	2.6	25
90	The Role of SLRP-Proteoglycans in Osteosarcoma Pathogenesis. <i>Connective Tissue Research</i> , 2008, 49, 235-238.	2.3	25

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91	Effect of syndecan-1 overexpression on mesenchymal tumour cell proliferation with focus on different functional domains. <i>Cell Proliferation</i> , 2010, 43, 29-40.	5.3	25
92	Lumican in Carcinogenesis Revisited. <i>Biomolecules</i> , 2021, 11, 1319.	4.0	25
93	The Role of Oligodendrocytes in the Molecular Pathobiology and Potential Molecular Treatment of Cervical Spondylotic Myelopathy. <i>Current Medicinal Chemistry</i> , 2010, 17, 1048-1058.	2.4	24
94	Expression of matrix macromolecules and functional properties of EGF-responsive colon cancer cells are inhibited by panitumumab. <i>Investigational New Drugs</i> , 2013, 31, 516-524.	2.6	24
95	The Role of IGF/IGF-IR-Signaling and Extracellular Matrix Effectors in Bone Sarcoma Pathogenesis. <i>Cancers</i> , 2021, 13, 2478.	3.7	24
96	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, 434-439.	1.7	23
97	Interferon-Alpha Inhibits Proliferation and Induces Apoptosis of Merkel Cell Carcinoma In Vitro. <i>Cancer Investigation</i> , 2008, 26, 562-568.	1.3	23
98	Mechanoreceptors of the Posterior Cruciate Ligament. <i>Journal of International Medical Research</i> , 2008, 36, 387-393.	1.0	23
99	Effects of ursolic and oleanolic on SK-MEL-2 melanoma cells: In vitro and in vivo assays. <i>International Journal of Oncology</i> , 2017, 51, 1651-1660.	3.3	23
100	Proteoglycans in the Pathogenesis of Hormone-Dependent Cancers: Mediators and Effectors. <i>Cancers</i> , 2020, 12, 2401.	3.7	23
101	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, 1716-1719.	6.4	22
102	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.	3.6	21
103	IGF-I regulates HT1080 fibrosarcoma cell migration through a syndecan-2/Erk/ezrin signaling axis. <i>Experimental Cell Research</i> , 2017, 361, 9-18.	2.6	21
104	Chemical-induced contact allergy: from mechanistic understanding to risk prevention. <i>Archives of Toxicology</i> , 2018, 92, 3031-3050.	4.2	21
105	Assessment of Amphiphilic Poly-N-vinylpyrrolidone Nanoparticles' Biocompatibility with Endothelial Cells In Vitro and Delivery of an Anti-Inflammatory Drug. <i>Molecular Pharmaceutics</i> , 2020, 17, 4212-4225.	4.6	21
106	Subcutaneous edema: an unrecognized feature of acute polymyositis. <i>Rheumatology International</i> , 1993, 13, 159-161.	3.0	20
107	Glycosaminoglycans: Carriers and Targets for Tailored Anti-Cancer Therapy. <i>Biomolecules</i> , 2021, 11, 395.	4.0	20
108	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.	2.0	19

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109	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, 307-319.	5.5	19
110	Glycosaminoglycans and PDGF Signaling in Mesenchymal Cells. <i>Connective Tissue Research</i> , 2008, 49, 153-156.	2.3	18
111	Treatment of pathologic spinal fractures with combined radiofrequency ablation and balloon kyphoplasty. <i>World Journal of Surgical Oncology</i> , 2009, 7, 90.	1.9	18
112	Heparin regulates colon cancer cell growth through p38 mitogen-activated protein kinase signalling. <i>Cell Proliferation</i> , 2010, 43, 9-18.	5.3	18
113	Soyasaponin Ag inhibits $\alpha$ -MSH-induced melanogenesis in B16F10 melanoma cells via the downregulation of TRP-2. <i>International Journal of Molecular Medicine</i> , 2017, 40, 631-636.	4.0	18
114	Chondroitin sulfate A regulates fibrosarcoma cell adhesion, motility and migration through JNK and tyrosine kinase signaling pathways. <i>In Vivo</i> , 2009, 23, 69-76.	1.3	18
115	Chondroitin sulfate prevents platelet derived growth factor-mediated phosphorylation of PDGF $\beta$ in normal human fibroblasts severely impairing mitogenic responses. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1866-1876.	2.6	17
116	Decorin-Mediated Effects in Cancer Cell Biology. <i>Connective Tissue Research</i> , 2008, 49, 244-248.	2.3	17
117	Paraoxonase 1 R/Q alleles are associated with differential accumulation of saturated versus 20:5n3 fatty acid in human adipose tissue. <i>Journal of Lipid Research</i> , 2010, 51, 1991-2000.	4.2	16
118	Targeting the Tumor Proteasome as a Mechanism to Control the Synthesis and Bioactivity of Matrix Macromolecules. <i>Current Molecular Medicine</i> , 2012, 12, 1068-1082.	1.3	16
119	The Metastatic Potential of Human Pancreatic Cell Lines in the Liver of Nude Mice Correlates Well With Cathepsin B Activity. <i>International Journal of Gastrointestinal Cancer</i> , 2004, 34, 27-38.	0.4	15
120	In vitro cytopathic effects of mycotoxin T-2 on human peripheral blood T lymphocytes. <i>Toxicology Letters</i> , 2005, 160, 60-68.	0.8	15
121	Heparin-A unique stimulator of human colon cancer cells' growth. <i>IUBMB Life</i> , 2008, 60, 333-340.	3.4	15
122	Parathyroid hormone (PTH) peptides through the regulation of hyaluronan metabolism affect osteosarcoma cell migration. <i>IUBMB Life</i> , 2010, 62, 377-386.	3.4	15
123	Epidermal growth factor stimulation and metastatic rate in human pancreatic carcinoma cell lines. <i>Journal of Surgical Research</i> , 1990, 49, 276-279.	1.6	14
124	Effects of antiplatelet agents alone or in combinations on platelet aggregation and on liver metastases from a human pancreatic adenocarcinoma in the nude mouse. <i>Journal of Surgical Oncology</i> , 1991, 48, 45-50.	1.7	14
125	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, 406-409.	1.7	14
126	Contact allergen (PPD and DNCB)-induced keratinocyte sensitization is partly mediated through a low molecular weight hyaluronan (LMWHA)/TLR4/NF- $\kappa$ B signaling axis. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114632.	2.8	14



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127	Lumican mediates HTB94 chondrosarcoma cell growth via an IGF-IR/Erk1/2 axis. <i>International Journal of Oncology</i> , 2020, 57, 791-803.	3.3	13
128	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, 3625-3634.	2.4	12
129	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, 2868-2880.	2.4	12
130	A tetranucleotide repeat polymorphism in the CYP19 gene and breast cancer susceptibility in a Greek population exposed and not exposed to pesticides. <i>Toxicology Letters</i> , 2004, 151, 267-271.	0.8	11
131	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, 3445-3455.	3.0	11
132	Heparin plays a key regulatory role via a p53/FAK-dependent signaling in melanoma cell adhesion and migration. <i>IUBMB Life</i> , 2011, 63, 109-119.	3.4	11
133	Western-type diet differentially modulates osteoblast, osteoclast, and lipoblast differentiation and activation in a background of APOE deficiency. <i>Laboratory Investigation</i> , 2018, 98, 1516-1526.	3.7	11
134	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.	1.1	11
135	The Preventive Effect of Ketoconazole on Experimental Metastasis from a Human Pancreatic Carcinoma may be Related to its Effect on Prostaglandin Synthesis. <i>International Journal of Gastrointestinal Cancer</i> , 2002, 32, 23-30.	0.4	10
136	IGF-I affects glycosaminoglycan/proteoglycan synthesis in breast cancer cells through tyrosine kinase-dependent and -independent pathways. <i>Biochimie</i> , 2004, 86, 251-259.	2.6	10
137	Differences in the distribution of CD20, CD3, CD34 and CD45RO in nasal mucosa and polyps from patients with chronic rhinosinusitis. <i>Molecular Medicine Reports</i> , 2019, 19, 2792-2800.	2.4	10
138	Effects of prostacyclin on hepatic metastases from human pancreatic cancer in the nude mouse. <i>Journal of Surgical Research</i> , 1990, 49, 164-167.	1.6	9
139	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, 718-728.	2.0	9
140	Light scattering and in vitro biocompatibility studies of poly (vinyl pyrrolidone) derivatives with amino-acid-dependent groups. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 830-837.	3.1	8
141	Biglycan Interacts with Type I Insulin-like Receptor (IGF-IR) Signaling Pathway to Regulate Osteosarcoma Cell Growth and Response to Chemotherapy. <i>Cancers</i> , 2022, 14, 1196.	3.7	7
142	Matrix Effectors in the Pathogenesis of Keratinocyte-Derived Carcinomas. <i>Frontiers in Medicine</i> , 2022, 9, 879500.	2.6	7
143	Orbital cellulitis due to mucormycosis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1988, 226, 539-541.	1.9	6
144	Severe fenthion intoxications due to ingestion and inhalation with survival outcome. <i>Human and Experimental Toxicology</i> , 2002, 21, 49-54.	2.2	6

#	ARTICLE	IF	CITATIONS
145	Proteoglycans/Glycosaminoglycans: From Basic Research to Clinical Practice. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	6
146	Short-term culture of monocytes as an inÂvitro evaluation system for bionanomaterials designated for medical use. <i>Food and Chemical Toxicology</i> , 2016, 96, 302-308.	3.6	6
147	Legal issues of addiction assessment: the experience with hair testing in Greece. <i>Journal of Applied Toxicology</i> , 2005, 25, 143-152.	2.8	5
148	Small Tyrosine Kinase Inhibitors as Key Molecules in the Expression of Metalloproteinases by Solid Tumors. <i>Connective Tissue Research</i> , 2008, 49, 211-214.	2.3	5
149	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.	1.1	4
150	Benign Papillary Mesothelioma of the Peritoneum. <i>Southern Medical Journal</i> , 1989, 82, 1579-1580.	0.7	3
151	Heparin regulates B6FS cell motility through a FAK/actin cytoskeleton axis. <i>Oncology Reports</i> , 2016, 36, 2471-2480.	2.6	3
152	Preface of the Special Issue on the Role of Extracellular Matrix in Development and Cancer Progression. <i>Biomolecules</i> , 2022, 12, 362.	4.0	3
153	Myelolipoma of the Adrenal Gland. <i>Urologia Internationalis</i> , 1993, 50, 111-113.	1.3	1
154	8.3 Growth factor signaling and extracellular matrix. , 0, , .		1
155	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.	1.0	1
156	IGF-I affects glycosaminoglycan/proteoglycan synthesis in breast cancer cells through tyrosine kinase-dependent and -independent pathways. <i>Biochimie</i> , 2004, 86, 251-251.	2.6	0
157	Analysis of PON1 polymorphisms on a rural Greek population of Peloponnesus. <i>Toxicology Letters</i> , 2007, 172, S176.	0.8	0
158	2.4 Roles of sulfated and nonsulfated glycosaminoglycans in cancer growth and progression-therapeutic implications. , 0, , .		0
159	A rare death case of an ex-heroin user due to massive hemorrhage. <i>Toxicology Letters</i> , 2017, 280, S220.	0.8	0