

George Karakiulakis

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

5,251
citations

249298

26
h-index

150775

59
g-index

61
all docs

61
docs citations

61
times ranked

10731
citing authors

#	ARTICLE	IF	CITATIONS
1	Are patients with hypertension and diabetes mellitus at increased risk for COVID-19 infection?. <i>Lancet Respiratory Medicine</i> ,the, 2020, 8, e21.	5.2	2,241
2	Antihypertensive drugs and risk of COVID-19? â€œ Authors' reply. <i>Lancet Respiratory Medicine</i> ,the, 2020, 8, e32-e33.	5.2	42
3	Effects of low-intensity shock wave therapy (LiST) on the erectile tissue of naturally aged rats. <i>International Journal of Impotence Research</i> , 2019, 31, 162-169.	1.0	25
4	Glucocorticoids and Î² 2 -agonists regulate the pathologic metabolism of hyaluronic acid in COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 48, 104-110.	1.1	5
5	Acute exacerbations of COPD are associated with significant activation of matrix metalloproteinase 9 irrespectively of airway obstruction, emphysema and infection. <i>Respiratory Research</i> , 2015, 16, 78.	1.4	39
6	COPD Exacerbations Are Associated With Proinflammatory Degradation of Hyaluronic Acid. <i>Chest</i> , 2015, 148, 1497-1507.	0.4	29
7	The Effect of Celecoxib Administration on the Healing and Neovascularization of Colonic Anastomosis in Rats. <i>Journal of Investigative Surgery</i> , 2014, 27, 139-146.	0.6	4
8	Diabetic Retinopathy Treated with Laser Photocoagulation and the Indirect Effect on Glycaemic Control. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-3.	1.0	2
9	Anti-fibrotic effects of nintedanib in lung fibroblasts derived from patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2014, 15, 157.	1.4	199
10	Comparison of interleukin-6 and matrix metalloproteinase expression in the subretinal fluid and the vitreous during proliferative vitreoretinopathy: Correlations with extent, duration of RRD and PVR grade. <i>Cytokine</i> , 2014, 67, 71-76.	1.4	21
11	Infrared irradiation alters the expression of matrix metalloproteinases and glycosaminoglycans in the cornea and crystalline lens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1929-1936.	1.0	4
12	Alterations in serum MMP and TIMP concentrations following chronic heroin abuse. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 377-381.	1.3	14
13	Muscarinic Receptors and Their Antagonists in COPD: Anti-Inflammatory and Antiremodeling Effects. <i>Mediators of Inflammation</i> , 2012, 2012, 1-9.	1.4	24
14	Hyaluronic acid: A key molecule in skin aging. <i>Dermato-Endocrinology</i> , 2012, 4, 253-258.	1.9	614
15	Steroids and Î²₂-Agonists Regulate Hyaluronan Metabolism in Asthmatic Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 759-767.	1.4	25
16	Differential hyaluronan homeostasis and expression of proteoglycans in juvenile and adult human skin. <i>Journal of Dermatological Science</i> , 2011, 61, 69-72.	1.0	29
17	Differential expression of matrix metalloproteinases and proteoglycans in Juvenile Hyaline Fibromatosis. <i>Journal of Dermatological Science</i> , 2011, 61, 94-100.	1.0	8
18	Interleukin-6 and the matrix metalloproteinase response in the vitreous during proliferative vitreoretinopathy. <i>Cytokine</i> , 2011, 54, 212-217.	1.4	26

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19	Vitreous and serum levels of vascular endothelial growth factor and platelet-derived growth factor and their correlation in patients with non-proliferative diabetic retinopathy and clinically significant macula oedema. <i>Acta Ophthalmologica</i> , 2011, 89, 248-254.	0.6	61
20	Correlation of matrix metalloproteinase levels with the grade of proliferative vitreoretinopathy in the subretinal fluid and vitreous during rhegmatogenous retinal detachment. <i>Acta Ophthalmologica</i> , 2011, 89, 339-345.	0.6	25
21	Nodular basal cell carcinoma is associated with increased hyaluronan homeostasis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2011, 25, 679-687.	1.3	6
22	Differential Expression of Matrix Metalloproteinases in the Serum of Patients with Mucopolysaccharidoses. <i>JIMD Reports</i> , 2011, 3, 59-66.	0.7	8
23	Angiogenic Growth Factors and their Inhibitors in Diabetic Retinopathy. <i>Current Diabetes Reviews</i> , 2010, 6, 304-312.	0.6	80
24	Decreased hyaluronan in airway smooth muscle cells from patients with asthma and COPD. <i>European Respiratory Journal</i> , 2009, 34, 616-628.	3.1	49
25	Extrinsic ageing in the human skin is associated with alterations in the expression of hyaluronic acid and its metabolizing enzymes. <i>Experimental Dermatology</i> , 2009, 18, 1028-1035.	1.4	93
26	The "sweet" and "bitter" involvement of glycosaminoglycans in lung diseases: pharmacotherapeutic relevance. <i>British Journal of Pharmacology</i> , 2009, 157, 1111-1127.	2.7	66
27	Differential glycosaminoglycan expression and hyaluronan homeostasis in juvenile hyaline fibromatosis. <i>Journal of the American Academy of Dermatology</i> , 2009, 61, 629-638.	0.6	14
28	Vitreous and Serum Levels of Platelet-Derived Growth Factor and Their Correlation in Patients with Proliferative Diabetic Retinopathy. <i>Current Eye Research</i> , 2009, 34, 152-161.	0.7	62
29	Biological Function of Glycosaminoglycans. , 2008, , 209-226.		5
30	Increased hyaluronic acid content in idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2008, 32, 1504-1512.	3.1	50
31	Cell Type-specific Effect of Hypoxia and Platelet-derived Growth Factor-BB on Extracellular Matrix Turnover and Its Consequences for Lung Remodeling. <i>Journal of Biological Chemistry</i> , 2007, 282, 908-915.	1.6	65
32	CORRELATION OF THE EXTENT AND DURATION OF RHEGMATOGENOUS RETINAL DETACHMENT WITH THE EXPRESSION OF MATRIX METALLOPROTEINASES IN THE VITREOUS. <i>Retina</i> , 2007, 27, 1279-1285.	1.0	23
33	Terazosin Modifies the Content of Glycosaminoglycans and the Activity of Matrix Metalloproteinase 2 in the Rat Ventral Prostate. <i>European Urology</i> , 2007, 51, 447-456.	0.9	10
34	Expression of matrix metalloproteinases in the subretinal fluid correlates with the extent of rhegmatogenous retinal detachment. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 560-568.	1.0	21
35	Matrix Metalloproteinases of Epithelial Origin in Facial Sebum of Patients with Acne and their Regulation by Isotretinoin. <i>Journal of Investigative Dermatology</i> , 2005, 125, 673-684.	0.3	106
36	Expression of matrix metalloproteinases and their endogenous tissue inhibitors in skin lesions from patients with tuberous sclerosis. <i>Journal of the American Academy of Dermatology</i> , 2004, 51, 526-533.	0.6	23

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37	Expression of proteoglycans and glycosaminoglycans in angiofibroma and fibrous plaque skin lesions from patients with tuberous sclerosis. <i>Archives of Dermatological Research</i> , 2003, 295, 138-145.	1.1	9
38	Hypoxia modulates the effects of transforming growth factor- β^2 isoforms on matrix-formation by primary human lung fibroblasts. <i>Cytokine</i> , 2003, 24, 25-35.	1.4	75
39	Hypoxia Differentially Enhances the Effects of Transforming Growth Factor- β^2 Isoforms on the Synthesis and Secretion of Glycosaminoglycans by Human Lung Fibroblasts. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 830-837.	1.3	31
40	Isolation and Characterization of Glycosaminoglycans from Human Atheromatous Vessels. , 2001, 52, 123-136.		2
41	Losartan Inhibits the Angiotensin II-Induced Modifications on Fibrinolysis and Matrix Deposition by Primary Human Vascular Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 38, 715-728.	0.8	35
42	Benign hyperplasia of the human prostate is associated with tissue enrichment in chondroitin sulphate of wide size distribution. <i>Prostate</i> , 2000, 44, 104-110.	1.2	21
43	Hypoxia modifies the effect of PDGF on glycosaminoglycan synthesis by primary human lung cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L825-L834.	1.3	13
44	Tissue structure-specific distribution of glycosaminoglycans in the human penis. <i>International Journal of Biochemistry and Cell Biology</i> , 2000, 32, 975-982.	1.2	15
45	Glycosaminoglycan Analysis in Brain Stems from Animals Infected with the Bovine Spongiform Encephalopathy Agent. <i>Archives of Biochemistry and Biophysics</i> , 1999, 370, 250-257.	1.4	7
46	Corticosteroids inhibit the expression of the vascular endothelial growth factor gene in human vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1998, 341, 309-315.	1.7	415
47	The differential distribution of hyaluronic acid in the layers of human atheromatic aortas is associated with vascular smooth muscle cell proliferation and migration. <i>Atherosclerosis</i> , 1998, 138, 79-89.	0.4	53
48	A 340 kDa hyaluronic acid secreted by human vascular smooth muscle cells regulates their proliferation and migration. <i>Glycobiology</i> , 1998, 8, 821-830.	1.3	41
49	Platelet-derived growth factor stimulates the secretion of hyaluronic acid by proliferating human vascular smooth muscle cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9881-9885.	3.3	81
50	Inhibition of angiogenesis, tumour growth and metastasis by the NO-releasing vasodilators, isosorbide mononitrate and dinitrate. <i>British Journal of Pharmacology</i> , 1995, 116, 1829-1834.	2.7	135
51	A Novel Class of Adhesion Acidic Glycans in Sea Urchin Embryos. Isolation, Characterization and Immunological Studies During Early Embryonal Development. <i>FEBS Journal</i> , 1994, 224, 1067-1077.	0.2	10
52	Suppression of angiogenesis by the antitumor agent titanocene dichloride. <i>European Journal of Pharmacology</i> , 1994, 251, 263-269.	1.7	16
53	Expression of type IV collagen-degrading activity during early embryonal development in the sea urchin and the arresting effects of collagen synthesis inhibitors on embryogenesis. <i>Journal of Cellular Biochemistry</i> , 1993, 52, 92-106.	1.2	13
54	Basement membrane biosynthesis as a target for developing inhibitors of angiogenesis with anti-tumor properties. <i>Kidney International</i> , 1993, 43, 147-150.	2.6	49

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55	Antitumor effect of GPA1734 in rat Walker 256 carcinoma. <i>Investigational New Drugs</i> , 1990, 8, 145-7.	1.2	12
56	Basement membrane collagen-degrading activity from a malignant tumor is inhibited by anthracycline antibiotics. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1035, 218-222.	1.1	14
57	Angiogenesis is associated with collagenous protein synthesis and degradation in the chick chorioallantoic membrane. <i>Tissue and Cell</i> , 1990, 22, 419-426.	1.0	22
58	Comparative evaluation of mitogenicity and basement-membrane-degrading activity of <i>Pseudomonas aeruginosa</i> slime glycolipoprotein and alginate. <i>Journal of Clinical Microbiology</i> , 1989, 27, 490-494.	1.8	2
59	Degradation of intact basement membranes by human and murine tumor enzymes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 967, 163-175.	1.1	19
60	Development of sexual dimorphism in the suprachiasmatic nucleus of the rat. <i>Journal of Endocrinology</i> , 1982, 95, 137-145.	1.2	33
61	ANDROGEN-INDUCED SEXUAL DIMORPHISM IN HIGH AFFINITY DOPAMINE BINDING IN THE BRAIN TRANSCENDS THE HYPOTHALAMIC-LIMBIC REGION. <i>British Journal of Pharmacology</i> , 1982, 75, 37-48.	2.7	10