Markella Ponticos

List of Publications by Year
in descending order

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48 papers	1,985 citations	257101 24 h-index	264894 42 g-index
51 all docs	51 docs citations	51 times ranked	3449 citing authors

#	Article	IF	Citations
1	Pivotal role of connective tissue growth factor in lung fibrosis: MAPKâ€dependent transcriptional activation of type I collagen. Arthritis and Rheumatism, 2009, 60, 2142-2155.	6.7	206
2	A Polymorphism in theCTGFPromoter Region Associated with Systemic Sclerosis. New England Journal of Medicine, 2007, 357, 1210-1220.	13.9	185
3	How does endothelial cell injury start? The role of endothelin in systemic sclerosis. Arthritis Research and Therapy, 2007, 9, S2.	1.6	132
4	Endoplasmic reticulum stress enhances fibrosis through <scp>IRE</scp> 1Î±â€mediated degradation of miRâ€150 and <scp>XBP</scp> â€1 splicing. EMBO Molecular Medicine, 2016, 8, 729-744.	3.3	122
5	Extracellular matrix synthesis in vascular disease: hypertension, and atherosclerosis. Journal of Biomedical Research, 2014, 28, 25.	0.7	109
6	Chemokine receptor CCR2 expression by systemic sclerosis fibroblasts: Evidence for autocrine regulation of myofibroblast differentiation. Arthritis and Rheumatism, 2005, 52, 3772-3782.	6.7	106
7	Extra-cellular matrix in vascular networks. Cell Proliferation, 2004, 37, 207-220.	2.4	91
8	Regulation of Collagen Type I in Vascular Smooth Muscle Cells by Competition between Nkx2.5 and ÎEF1/ZEB1. Molecular and Cellular Biology, 2004, 24, 6151-6161.	1.1	86
9	A Role of Myocardin Related Transcription Factor-A (MRTF-A) in Scleroderma Related Fibrosis. PLoS ONE, 2015, 10, e0126015.	1.1	77
10	Connective Tissue Growth Factor causes EMT-like cell fate changes in vivo and in vitro. Journal of Cell Science, 2013, 126, 2164-75.	1.2	68
11	Acceptor side mechanism of photoinduced proteolysis of the D1 protein in photosystem II reaction centers. Biochemistry, 1993, 32, 6944-6950.	1.2	62
12	PDGFRÎ± plays a crucial role in connective tissue remodeling. Scientific Reports, 2016, 5, 17948.	1.6	61
13	Col1a2 enhancer regulates collagen activity during development and in adult tissue repair. Matrix Biology, 2004, 22, 619-628.	1.5	55
14	STAT3 controls COL1A2 enhancer activation cooperatively with JunB, regulates type I collagen synthesis posttranscriptionally, and is essential for lung myofibroblast differentiation. Molecular Biology of the Cell, 2018, 29, 84-95.	0.9	51
15	Increased endogenous angiogenic response and hypoxia-inducible factor-1Î± in human critical limb ischemia. Journal of Vascular Surgery, 2006, 43, 125-133.	0.6	46
16	Failed Degradation of JunB Contributes to Overproduction of Type I Collagen and Development of Dermal Fibrosis in Patients With Systemic Sclerosis. Arthritis and Rheumatology, 2015, 67, 243-253.	2.9	43
17	Characteristics of human adipose derived stem cells in scleroderma in comparison to sex and age matched normal controls: implications for regenerative medicine. Stem Cell Research and Therapy, 2017, 8, 23.	2.4	42
18	Aldehyde dehydrogenase inhibition blocks mucosal fibrosis in human and mouse ocular scarring. JCI Insight, 2016, 1, e87001.	2.3	42

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19	Connective Tissue Remodeling: Cross-Talk between Endothelins and Matrix Metalloproteinases. Current Vascular Pharmacology, 2005, 3, 369-379.	0.8	39
20	Connective tissue growth factor (CCN2) in blood vessels. Vascular Pharmacology, 2013, 58, 189-193.	1.0	36
21	Characterization of the Light-induced Cross-linking of the Î±-Subunit of Cytochrome b559 and the D1 Protein in Isolated Photosystem II Reaction Centers. Journal of Biological Chemistry, 1995, 270, 24032-24037.	1.6	33
22	Metabolic GWAS of elite athletes reveals novel genetically-influenced metabolites associated with athletic performance. Scientific Reports, 2019, 9, 19889.	1.6	33
23	Genome-Wide Association Study Reveals a Novel Association Between MYBPC3 Gene Polymorphism, Endurance Athlete Status, Aerobic Capacity and Steroid Metabolism. Frontiers in Genetics, 2020, 11, 595.	1.1	30
24	JunB mediates enhancer/promoter activity of COL1A2 following TGF-Î² induction. Nucleic Acids Research, 2009, 37, 5378-5389.	6.5	27
25	Identification of the Key Regions within the Mouse Pro-Î±2(I) Collagen Gene Far-upstream Enhancer. Journal of Biological Chemistry, 2002, 277, 9286-9292.	1.6	24
26	Metabolic profiling of elite athletes with different cardiovascular demand. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 933-943.	1.3	23
27	Neuronal Regulators and Vascular Dysfunction in Raynauds Phenomenon and Systemic Sclerosis. Current Vascular Pharmacology, 2009, 7, 34-39.	0.8	19
28	Insights into myofibroblasts and their activation in scleroderma: opportunities for therapy?. Current Opinion in Rheumatology, 2018, 30, 581-587.	2.0	19
29	Elevated CCN2 expression in scleroderma: a putative role for the TGFÎ² accessory receptors TGFÎ²RIII and endoglin. Journal of Cell Communication and Signaling, 2011, 5, 173-177.	1.8	16
30	Analysis of Anti-RNA Polymerase III Antibody-positive Systemic Sclerosis and Altered GPATCH2L and CTNND2 Expression in Scleroderma Renal Crisis. Journal of Rheumatology, 2020, 47, 1668-1677.	1.0	16
31	Chemokines in systemic sclerosis. Immunology Letters, 2018, 195, 68-75.	1.1	14
32	Molecular Basis for Dysregulated Activation of <scp>NKX</scp>2â€5 in the Vascular Remodeling of Systemic Sclerosis. Arthritis and Rheumatology, 2018, 70, 920-931.	2.9	12
33	â€œEpigenome-wide methylation profile of chronic kidney disease-derived arterial DNA uncovers novel pathways in disease-associated cardiovascular pathology.â€• Epigenetics, 2021, 16, 718-728.	1.3	10
34	Angiopathic activity of LRG1 is induced by the IL-6/STAT3 pathway. Scientific Reports, 2022, 12, 4867.	1.6	10
35	Randomised single centre double-blind placebo controlled phase II trial of Tocovid SupraBio in combination with pentoxifylline in patients suffering long-term gastrointestinal adverse effects of radiotherapy for pelvic cancer: The PPALM study. Radiotherapy and Oncology, 2022, 168, 130-137.	0.3	8
36	Lung fibrosis. Seminars in Immunopathology, 2000, 21, 453-474.	4.0	7

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37	Altered cyclooxygenase-1 and enhanced thromboxane receptor activities underlie attenuated endothelial dilatory capacity of omental arteries in obesity. Life Sciences, 2019, 239, 117039.	2.0	6
38	Toll-like receptors 2 and 6 mediate apoptosis and inflammation in ischemic skeletal myotubes. Vascular Medicine, 2019, 24, 295-305.	0.8	5
39	Use of Patterned Collagen Coated Slides to Study Normal and Scleroderma Lung Fibroblast Migration. Scientific Reports, 2017, 7, 2628.	1.6	4
40	Transforming growth factor- Î² -induced CUX1 isoforms are associated with fibrosis in systemic sclerosis lung fibroblasts. Biochemistry and Biophysics Reports, 2016, 7, 246-252.	0.7	3
41	The Role of the Homeodomain Transcription Factor Nkx2-5 in the Cardiovascular System. , 2009, , 113-130.		2
42	Data on CUX1 isoforms in idiopathic pulmonary fibrosis lung and systemic sclerosis skin tissue sections. Data in Brief, 2016, 8, 1377-1380.	0.5	1
43	Pathogenesis of Pulmonary Arterial Hypertension. , 2017, , 385-401.		1
44	283.â€ƒEndothelin Receptor Blockade Prevents Development of Pulmonary Hypertension in a Mouse Model of Scleroderma. Rheumatology, 0, , .	0.9	0
45	P155â€ƒModelling calcinosis in systemic sclerosis through disease microenvironment-stem cell interactions: effect of novel therapeutic peptide RP832c. Rheumatology, 2021, 60, .	0.9	0
46	Abstract 123: Ischemia Mediates Myogenic Progenitor Cell Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
47	P231â€ƒTargeting the Rho/MRTF-A pathway inhibits growth factor and cytokine release but enhances efferocytosis in scleroderma macrophages. Rheumatology, 2022, 61, .	0.9	0
48	Downregulation of CYP17A1 by 20-hydroxyecdysone: plasma progesterone and its vasodilatory properties. Future Science OA, 0, , .	0.9	0