

# Sergio A Jimenez

## List of Publications by Year in descending order

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265  
papers

19,274  
citations

10389

72  
h-index

14208

128  
g-index

266  
all docs

266  
docs citations

266  
times ranked

16071  
citing authors

#	ARTICLE	IF	CITATIONS
1	2013 Classification Criteria for Systemic Sclerosis: An American College of Rheumatology/European League Against Rheumatism Collaborative Initiative. <i>Arthritis and Rheumatism</i> , 2013, 65, 2737-2747.	6.7	2,359
2	2013 classification criteria for systemic sclerosis: an American college of rheumatology/European league against rheumatism collaborative initiative. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1747-1755.	0.9	1,705
3	Role of Endothelial-Mesenchymal Transition (EndoMT) in the Pathogenesis of Fibrotic Disorders. <i>American Journal of Pathology</i> , 2011, 179, 1074-1080.	3.8	480
4	Identification of Fetal DNA and Cells in Skin Lesions from Women with Systemic Sclerosis. <i>New England Journal of Medicine</i> , 1998, 338, 1186-1191.	27.0	452
5	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1106-15.	7.1	376
6	Endothelial to Mesenchymal Transition: Role in Physiology and in the Pathogenesis of Human Diseases. <i>Physiological Reviews</i> , 2019, 99, 1281-1324.	28.8	325
7	Measuring disease activity and functional status in patients with scleroderma and Raynaud's phenomenon. <i>Arthritis and Rheumatism</i> , 2002, 46, 2410-2420.	6.7	272
8	Description of 12 Cases of Nephrogenic Fibrosing Dermopathy and Review of the Literature. <i>Seminars in Arthritis and Rheumatism</i> , 2006, 35, 238-249.	3.4	241
9	Hydroxyproline content determines the denaturation temperature of chick tendon collagen. <i>Archives of Biochemistry and Biophysics</i> , 1973, 158, 478-484.	3.0	225
10	The gastrointestinal manifestations of scleroderma: Pathogenesis and management. <i>Gastroenterology</i> , 1980, 79, 155-166.	1.3	219
11	Endothelial to Mesenchymal Transition (EndoMT) in the Pathogenesis of Human Fibrotic Diseases. <i>Journal of Clinical Medicine</i> , 2016, 5, 45.	2.4	215
12	Hydroxyproline stabilizes the triple helix of chick tendon collagen. <i>Biochemical and Biophysical Research Communications</i> , 1973, 52, 106-114.	2.1	201
13	Dialysis-associated systemic fibrosis (nephrogenic fibrosing dermopathy): Study of inflammatory cells and transforming growth factor $\beta$ 1 expression in affected skin. <i>Arthritis and Rheumatism</i> , 2004, 50, 2660-2666.	6.7	196
14	Oligoclonal T Cell Expansion in the Skin of Patients with Systemic Sclerosis. <i>Journal of Immunology</i> , 2002, 168, 3649-3659.	0.8	185
15	Narrative Review: Fibrotic Diseases: Cellular and Molecular Mechanisms and Novel Therapies. <i>Annals of Internal Medicine</i> , 2010, 152, 159.	3.9	185
16	Genetic Linkage of a Polymorphism in the Type II Procollagen Gene (COL2A1) to Primary Osteoarthritis Associated with Mild Chondrodysplasia. <i>New England Journal of Medicine</i> , 1990, 322, 526-530.	27.0	178
17	Oral iloprost treatment in patients with Raynaud's phenomenon secondary to systemic sclerosis: A multicenter, placebo-controlled, double-blind study. <i>Arthritis and Rheumatism</i> , 1998, 41, 670-677.	6.7	175
18	In situ Expression of Cytokines and Cellular Adhesion Molecules in the Skin of Patients with Systemic Sclerosis. <i>Pathobiology</i> , 1993, 61, 239-246.	3.8	166

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19	Regulation of type-II collagen gene expression during human chondrocyte de-differentiation and recovery of chondrocyte-specific phenotype in culture involves Sry-type high-mobility-group box (SOX) transcription factors. <i>Biochemical Journal</i> , 2001, 360, 461-470.	3.7	159
20	Decreased expression of caveolin 1 in patients with systemic sclerosis: Crucial role in the pathogenesis of tissue fibrosis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2854-2865.	6.7	159
21	Following the Molecular Pathways toward an Understanding of the Pathogenesis of Systemic Sclerosis. <i>Annals of Internal Medicine</i> , 2004, 140, 37.	3.9	158
22	PATHOGENESIS OF SCLERODERMA. <i>Rheumatic Disease Clinics of North America</i> , 1996, 22, 647-674.	1.9	156
23	Mononuclear Cellular Infiltrates in Clinically Involved Skin from Patients with Systemic Sclerosis of Recent Onset Predominantly Consist of Monocytes/Macrophages. <i>Pathobiology</i> , 1995, 63, 48-56.	3.8	152
24	Assessment of the gene expression profile of differentiated and dedifferentiated human fetal chondrocytes by microarray analysis. <i>Arthritis and Rheumatism</i> , 2002, 46, 404-419.	6.7	147
25	Evaluation of Transforming Growth Factor $\hat{1}^2$ and Type I Procollagen Gene Expression in Fibrotic Skin Disease by In Situ Hybridization. <i>Journal of Investigative Dermatology</i> , 1990, 94, 365-371.	0.7	146
26	Strategies for anti-fibrotic therapies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1088-1103.	3.8	146
27	Regulation of fibroblast proliferation and collagen synthesis by cytokines. <i>Trends in Immunology</i> , 1986, 7, 303-307.	7.5	144
28	Stimulation of normal human fibroblast collagen production and processing by transforming growth factor- $\hat{1}^2$ . <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 974-980.	2.1	143
29	Transcriptional control of human diploid fibroblast collagen synthesis by $\hat{1}^3$ -interferon. <i>Biochemical and Biophysical Research Communications</i> , 1984, 123, 365-372.	2.1	136
30	Differential Regulation of Cyclooxygenases 1 and 2 by Interleukin- $\hat{1}^2$ , Tumor Necrosis Factor- $\hat{1}^{\pm}$ , and Transforming Growth Factor- $\hat{1}^2$ in Human Lung Fibroblasts. <i>Experimental Cell Research</i> , 1998, 241, 222-229.	2.6	135
31	Pulmonary and Activation-Regulated Chemokine Stimulates Collagen Production in Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 743-749.	2.9	131
32	Primary Osteoarthritis No Longer Primary: Three Subsets with Distinct Etiological, Clinical, and Therapeutic Characteristics. <i>Seminars in Arthritis and Rheumatism</i> , 2009, 39, 71-80.	3.4	130
33	The significance of macrophage polarization subtypes for animal models of tissue fibrosis and human fibrotic diseases. <i>Clinical and Translational Medicine</i> , 2015, 4, 2.	4.0	130
34	Further evidence for a transport form of collagen. Its extrusion and extracellular conversion to tropocollagen in embryonic tendon. <i>FEBS Letters</i> , 1971, 17, 245-248.	2.8	129
35	Identification of collagen $\hat{1}^{\pm 1}$ (I) trimer in embryonic chick tendons and calvaria. <i>Biochemical and Biophysical Research Communications</i> , 1977, 78, 1354-1361.	2.1	123
36	Barrett's metaplasia and adenocarcinoma of the esophagus in scleroderma. <i>American Journal of Medicine</i> , 1987, 82, 46-52.	1.5	123

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37	Caveolin-1 <sup>-/-</sup> Null Mammary Stromal Fibroblasts Share Characteristics with Human Breast Cancer-Associated Fibroblasts. <i>American Journal of Pathology</i> , 2009, 174, 746-761.	3.8	123
38	Role of protein kinase C- $\delta$ in the regulation of collagen gene expression in scleroderma fibroblasts. <i>Journal of Clinical Investigation</i> , 2001, 108, 1395-1403.	8.2	122
39	Hypoxia inducible factor-1 alpha expression in human normal and osteoarthritic chondrocytes. Supported by NIH/NIAMS Program Project grant (AR-39740) to S.A.J. I. C. was supported by a fellowship from Fundacao de Amparo a Ciencia do Estado de Sao Paulo.. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 336-345.	1.3	121
40	Systemic sclerosis: current views of its pathogenesis. <i>Autoimmunity Reviews</i> , 2003, 2, 181-191.	5.8	120
41	Caveolin-1, transforming growth factor- $\beta$ 2 receptor internalization, and the pathogenesis of systemic sclerosis. <i>Current Opinion in Rheumatology</i> , 2008, 20, 713-719.	4.3	118
42	The Tight Skin Mouse: Demonstration of Mutant Fibrillin-1 Production and Assembly into Abnormal Microfibrils. <i>Journal of Cell Biology</i> , 1998, 140, 1159-1166.	5.2	109
43	Regulation of Human COL9A1 Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 117-123.	3.4	109
44	Following the molecular pathways toward an understanding of the pathogenesis of systemic sclerosis. <i>Annals of Internal Medicine</i> , 2004, 140, 37-50.	3.9	109
45	Involvement of skeletal muscle in dialysis-associated systemic fibrosis (nephrogenic fibrosing) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	108
46	Human Fibrotic Diseases: Current Challenges in Fibrosis Research. <i>Methods in Molecular Biology</i> , 2017, 1627, 1-23.	0.9	108
47	Inhibition of excessive scleroderma fibroblast collagen production by recombinant $\beta$ -interferon: Association with a coordinate decrease in types I and III procollagen messenger RNA levels. <i>Arthritis and Rheumatism</i> , 1986, 29, 851-856.	6.7	106
48	Formation of nodular structures resembling mature articular cartilage in long-term primary cultures of human fetal epiphyseal chondrocytes on a hydrogel substrate. <i>Arthritis and Rheumatism</i> , 1994, 37, 1338-1349.	6.7	106
49	Regulation of type-II collagen gene expression during human chondrocyte de-differentiation and recovery of chondrocyte-specific phenotype in culture involves Sry-type high-mobility-group box (SOX) transcription factors. <i>Biochemical Journal</i> , 2001, 360, 461.	3.7	102
50	Intracellular Collagen and Procollagen from Embryonic Tendon Cells. <i>Journal of Biological Chemistry</i> , 1973, 248, 720-729.	3.4	101
51	Gastric antral vascular ectasia (watermelon stomach) in patients with systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1996, 39, 341-346.	6.7	98
52	The tight skin 2 mouse. <i>Arthritis and Rheumatism</i> , 1995, 38, 1791-1798.	6.7	97
53	Increased expression of type VI collagen genes in systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1990, 33, 1829-1835.	6.7	96
54	PGE2 causes a coordinate decrease in the steady state levels of fibronectin and types I and III procollagen mRNAs in normal human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1987, 147, 1282-1288.	2.1	95

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55	Elevated expression of $\alpha 1$ and $\alpha 2$ integrins, intercellular adhesion molecule 1, and endothelial leukocyte adhesion molecule 1 in the skin of patients with systemic sclerosis of recent onset. <i>Arthritis and Rheumatism</i> , 1992, 35, 290-298.	6.7	95
56	Spondyloepiphyseal dysplasia and precocious osteoarthritis in a family with an Arg75?Cys mutation in the procollagen type II gene (COL2A1). <i>Human Genetics</i> , 1993, 92, 499-505.	3.8	94
57	Role of Endothelial to Mesenchymal Transition in the Pathogenesis of the Vascular Alterations in Systemic Sclerosis. <i>ISRN Rheumatology</i> , 2013, 2013, 1-15.	1.9	92
58	Endothelial Cells Expressing Endothelial and Mesenchymal Cell Gene Products in Lung Tissue From Patients With Systemic Sclerosis-Associated Interstitial Lung Disease. <i>Arthritis and Rheumatology</i> , 2016, 68, 210-217.	5.6	91
59	Protein kinase C $\delta$ and cAbl kinase are required for transforming growth factor $\beta 2$ induction of endothelial $\rightarrow$ mesenchymal transition in vitro. <i>Arthritis and Rheumatism</i> , 2011, 63, 2473-2483.	6.7	90
60	Chitinase 1 Is a Biomarker for and Therapeutic Target in Scleroderma-Associated Interstitial Lung Disease That Augments TGF- $\beta 1$ Signaling. <i>Journal of Immunology</i> , 2012, 189, 2635-2644.	0.8	90
61	A gender gap in primary and secondary heart dysfunctions in systemic sclerosis: a EUSTAR prospective study. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 163-169.	0.9	82
62	Increased numbers of microchimeric cells of fetal origin are associated with dermal fibrosis in mice following injection of vinyl chloride. <i>Arthritis and Rheumatism</i> , 2000, 43, 2598-2605.	6.7	79
63	Increased life span of human osteoarthritic chondrocytes by exogenous expression of telomerase. <i>Arthritis and Rheumatism</i> , 2002, 46, 683-693.	6.7	79
64	Regulation of the human SOX9 promoter by Sp1 and CREB. <i>Experimental Cell Research</i> , 2007, 313, 1069-1079.	2.6	79
65	Molecular mechanisms of endothelial to mesenchymal cell transition (EndoMT) in experimentally induced fibrotic diseases. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, S7.	3.4	79
66	Endothelial to mesenchymal transition (EndoMT) in the pathogenesis of Systemic Sclerosis-associated pulmonary fibrosis and pulmonary arterial hypertension. Myth or reality?. <i>Matrix Biology</i> , 2016, 51, 26-36.	3.6	79
67	Treatment of systemic sclerosis with recombinant interferon- $\beta 3$ . A phase I/II clinical trial. <i>Arthritis and Rheumatism</i> , 1992, 35, 1134-1142.	6.7	78
68	Ultrastructural study of chondrocytes from fibrillated and non-fibrillated human osteoarthritic cartilage. <i>Osteoarthritis and Cartilage</i> , 1996, 4, 111-125.	1.3	78
69	Induction of the expression of profibrotic cytokines and growth factors in normal human peripheral blood monocytes by gadolinium contrast agents. <i>Arthritis and Rheumatism</i> , 2009, 60, 1508-1518.	6.7	78
70	Progressive systemic sclerosis: Mode of presentation, rapidly progressive disease course, and mortality based on an analysis of 91 patients. <i>Seminars in Arthritis and Rheumatism</i> , 1988, 18, 1-13.	3.4	76
71	A Prospective Observational Study of Mycophenolate Mofetil Treatment in Progressive Diffuse Cutaneous Systemic Sclerosis of Recent Onset. <i>Journal of Rheumatology</i> , 2012, 39, 1241-1247.	2.0	76
72	Stimulation of Transforming Growth Factor- $\beta 1$ -Induced Endothelial-To-Mesenchymal Transition and Tissue Fibrosis by Endothelin-1 (ET-1): A Novel Profibrotic Effect of ET-1. <i>PLoS ONE</i> , 2016, 11, e0161988.	2.5	76

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73	Phenotypes Determined by Cluster Analysis and Their Survival in the Prospective European Scleroderma Trials and Research Cohort of Patients With Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2019, 71, 1553-1570.	5.6	75
74	Scleroderma-like alterations in collagen metabolism occurring in the TSK (tight skin) mouse. <i>Arthritis and Rheumatism</i> , 1984, 27, 180-185.	6.7	74
75	Modulation of human $\alpha 1(I)$ procollagen gene activity by interaction with Sp1 and Sp3 transcription factors in vitro. <i>Gene</i> , 1998, 215, 101-110.	2.2	73
76	Biomarkers in systemic sclerosis. <i>Biomarkers in Medicine</i> , 2010, 4, 133-147.	1.4	72
77	The Regulation of Lung Fibroblast Proliferation by Alveolar Macrophages in Experimental Silicosis. <i>The American Review of Respiratory Disease</i> , 1984, 129, 767-771.	2.9	71
78	Increased Microchimeric CD4+ T Lymphocytes in Peripheral Blood from Women with Systemic Sclerosis. <i>Clinical Immunology</i> , 2002, 103, 303-308.	3.2	65
79	Expression of allograft inflammatory factor 1 in tissues from patients with systemic sclerosis and in vitro differential expression of its isoforms in response to transforming growth factor $\beta 2$ . <i>Arthritis and Rheumatism</i> , 2006, 54, 2616-2625.	6.7	64
80	Immunoglobulins from scleroderma patients inhibit the muscarinic receptor activation in internal anal sphincter smooth muscle cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G1206-G1213.	3.4	63
81	Significance of Ground-glass Opacity on HRCT in Long-term Follow-up of Patients With Systemic Sclerosis. <i>Journal of Thoracic Imaging</i> , 2007, 22, 120-124.	1.5	61
82	Long non-coding RNA HOTAIR drives EZH2-dependent myofibroblast activation in systemic sclerosis through miRNA 34a-dependent activation of NOTCH. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 507-517.	0.9	60
83	Identification of elements in the promoter region of the $\alpha 1(I)$ procollagen gene involved in its up-regulated expression in systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1998, 41, 2048-2058.	6.7	59
84	Potential role of human-specific genes, human-specific microRNAs and human-specific non-coding regulatory RNAs in the pathogenesis of Systemic Sclerosis and Sjögren's Syndrome. <i>Autoimmunity Reviews</i> , 2013, 12, 1046-1051.	5.8	59
85	Articular cartilage preservation and storage. <i>Arthritis and Rheumatism</i> , 1979, 22, 1093-1101.	6.7	58
86	Positive regulation of human $\alpha 1(I)$ collagen promoter activity by transcription factor Sp1. <i>Gene</i> , 1995, 164, 229-234.	2.2	58
87	A Role for the Androgen Receptor in Collagen Content of the Skin. <i>Journal of Investigative Dermatology</i> , 2004, 123, 1052-1056.	0.7	56
88	TGF- $\beta 2$ modulates the synthesis of proteoglycans by myocardial fibroblasts in culture. <i>Journal of Molecular and Cellular Cardiology</i> , 1995, 27, 2191-2198.	1.9	55
89	Impaired Rectoanal Inhibitory Response in Scleroderma (Systemic Sclerosis): An Association with Fecal Incontinence. <i>Digestive Diseases and Sciences</i> , 2004, 49, 1040-1045.	2.3	55
90	Transcriptional activation of the $\alpha 1(I)$ procollagen gene in systemic sclerosis dermal fibroblasts. Role of intronic sequences. <i>Arthritis and Rheumatism</i> , 1996, 39, 1347-1354.	6.7	53

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91	Detection of cellular microchimerism of male or female origin in systemic sclerosis patients by polymerase chain reaction analysis of HLAâ€“Cw antigens. <i>Arthritis and Rheumatism</i> , 2000, 43, 1062.	6.7	53
92	Caveolin-1 Deficiency Induces Spontaneous Endothelial-to-Mesenchymal Transition in Murine Pulmonary Endothelial Cells in Vitro. <i>American Journal of Pathology</i> , 2013, 182, 325-331.	3.8	53
93	Production of cartilage oligomeric matrix protein (COMP) by cultured human dermal and synovial fibroblasts. <i>Osteoarthritis and Cartilage</i> , 1998, 6, 435-440.	1.3	52
94	Gadolinium Compounds Signaling through TLR 4 and TLR 7 in Normal Human Macrophages: Establishment of a Proinflammatory Phenotype and Implications for the Pathogenesis of Nephrogenic Systemic Fibrosis. <i>Journal of Immunology</i> , 2012, 189, 318-327.	0.8	51
95	Altered MCM Protein Levels and Autophagic Flux in Aged and Systemic Sclerosis Dermal Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2321-2330.	0.7	51
96	Decreased thermal stability of collagens containing analogs of proline or lysine. <i>Archives of Biochemistry and Biophysics</i> , 1974, 163, 459-465.	3.0	50
97	Endoluminal ultrasonography of the distal esophagus in systemic sclerosis. <i>Gastroenterology</i> , 1993, 105, 31-39.	1.3	50
98	Interferon-gamma regulates collagen and fibronectin gene expression by transcriptional and post-transcriptional mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 251-260.	2.8	50
99	Demonstration of Autoimmunity in the Tight Skin-2 Mouse: A Model for Scleroderma. <i>Journal of Immunology</i> , 2005, 175, 2418-2426.	0.8	50
100	Role of microRNA in the pathogenesis of systemic sclerosis tissue fibrosis and vasculopathy. <i>Autoimmunity Reviews</i> , 2019, 18, 102396.	5.8	50
101	Clinical spectrum of the systemic manifestations of the eosinophilia-myalgia syndrome. <i>Seminars in Arthritis and Rheumatism</i> , 1990, 19, 313-328.	3.4	49
102	Familial spondyloepiphyseal dysplasia tarda, brachydactyly, and precocious osteoarthritis associated with an arginine 75 â†’ cysteine mutation in the procollagen type ii gene in a kindred of chiloé islanders.. <i>Arthritis and Rheumatism</i> , 1994, 37, 1078-1086.	6.7	49
103	Items for developing revised classification criteria in systemic sclerosis: Results of a consensus exercise. <i>Arthritis Care and Research</i> , 2012, 64, 351-357.	3.4	49
104	Role of muscarinic-3 receptor antibody in systemic sclerosis: correlation with disease duration and effects of IVIG. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G1052-G1060.	3.4	49
105	Effects of Temperature on Conformation, Hydroxylation, and Secretion of Chick Tendon Procollagen. <i>Journal of Biological Chemistry</i> , 1974, 249, 4480-4486.	3.4	49
106	Existing and novel biomarkers for precision medicine in systemic sclerosis. <i>Nature Reviews Rheumatology</i> , 2018, 14, 421-432.	8.0	48
107	Penicillamine-Induced Rapidly Progressive Glomerulonephritis in Patients With Progressive Systemic Sclerosis: Successful Treatment of Two Patients and a Review of the Literature. <i>American Journal of Kidney Diseases</i> , 1986, 8, 159-163.	1.9	47
108	Targeting NF-Î±B: A Promising Molecular Therapy in Inflammatory Arthritis. <i>International Reviews of Immunology</i> , 2008, 27, 351-374.	3.3	47

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109	Structure of cDNAs Encoding the Triple-Helical Domain of Murine $\alpha 2$ (VI) Collagen Chain and Comparison to Human and Chick Homologues. Use of Polymerase Chain Reaction and Partially Degenerate Oligonucleotides for Generation of Novel cDNA Clones. <i>Matrix Biology</i> , 1991, 11, 1-9.	1.7	46
110	Human Collagen Krox Up-regulates Type I Collagen Expression in Normal and Scleroderma Fibroblasts through Interaction with Sp1 and Sp3 Transcription Factors. <i>Journal of Biological Chemistry</i> , 2007, 282, 32000-32014.	3.4	46
111	PTP4A1 promotes TGF $\beta$ <sup>2</sup> signaling and fibrosis in systemic sclerosis. <i>Nature Communications</i> , 2017, 8, 1060.	12.8	46
112	Elevated Expression of the Genes for Transforming Growth Factor- $\beta$ <sup>1</sup> and Type VI Collagen in Diffuse Fasciitis Associated with the Eosinophilia-Myalgia Syndrome. <i>Journal of Investigative Dermatology</i> , 1991, 96, 20-25.	0.7	45
113	Effects of interferon- $\gamma$ and tumor necrosis factor $\gamma$ on the expression of the genes encoding aggrecan, biglycan, and decorin core proteins in cultured human chondrocytes. <i>Arthritis and Rheumatism</i> , 1998, 41, 274-283.	6.7	45
114	Inhibition of systemic sclerosis dermal fibroblast type I collagen production and gene expression by simvastatin. <i>Arthritis and Rheumatism</i> , 2006, 54, 1298-1308.	6.7	45
115	Increased incidence of carcinoma of the tongue in patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2005, 32, 637-41.	2.0	45
116	Biosynthesis of a Low Molecular Weight Collagen by Rabbit Growth Plate Cartilage Organ Cultures. <i>Collagen and Related Research</i> , 1983, 3, 271-278.	2.0	44
117	Evidence for autoimmunity in the tight skin mouse model of systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1991, 34, 599-605.	6.7	44
118	T cells expressing allograft inflammatory factor 1 display increased chemotaxis and induce a profibrotic phenotype in normal fibroblasts in vitro. <i>Arthritis and Rheumatism</i> , 2007, 56, 3478-3488.	6.7	44
119	Mechanism of NSF: New evidence challenging the prevailing theory. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1277-1283.	3.4	44
120	Acute gouty arthritis without urate crystals identified on initial examination of synovial fluid. <i>Arthritis and Rheumatism</i> , 1975, 18, 603-612.	6.7	43
121	CCAAT binding transcription factor binds and regulates human COL1A1 promoter activity in human dermal fibroblasts: Demonstration of increased binding in systemic sclerosis fibroblasts. <i>Arthritis and Rheumatism</i> , 2000, 43, 2219-2229.	6.7	43
122	Synovitis in secondary syphilis. <i>Arthritis and Rheumatism</i> , 1979, 22, 170-176.	6.7	41
123	Position of single amino acid substitutions in the collagen triple helix determines their effect on structure of collagen fibrils. <i>Journal of Structural Biology</i> , 2004, 148, 326-337.	2.8	41
124	Microchimerism and systemic sclerosis. <i>Current Opinion in Rheumatology</i> , 2005, 17, 86-90.	4.3	41
125	Identification of two new collagen $\alpha$ -chains in extracts of lathyrictic chick embryo tendons. <i>Biochemical and Biophysical Research Communications</i> , 1978, 81, 1298-1306.	2.1	40
126	Increased Expression of NADPH Oxidase 4 in Systemic Sclerosis Dermal Fibroblasts: Regulation by Transforming Growth Factor $\beta$ <sup>2</sup> . <i>Arthritis and Rheumatology</i> , 2015, 67, 2749-2758.	5.6	40

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127	NF $\kappa$ B activation and stimulation of chemokine production in normal human macrophages by the gadolinium-based magnetic resonance contrast agent Omniscan: possible role in the pathogenesis of nephrogenic systemic fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2024-2033.	0.9	39
128	Cellular immune dysfunction and the pathogenesis of scleroderma. <i>Seminars in Arthritis and Rheumatism</i> , 1983, 13, 104-113.	3.4	38
129	Effects of Scleroderma Antibodies and Pooled Human Immunoglobulin on Anal Sphincter and Colonic Smooth Muscle Function. <i>Gastroenterology</i> , 2012, 143, 1308-1318.	1.3	38
130	Effect of oxidative stress on protein tyrosine phosphatase 1B in scleroderma dermal fibroblasts. <i>Arthritis and Rheumatism</i> , 2012, 64, 1978-1989.	6.7	38
131	Increased sensitivity of scleroderma fibroblasts in culture to stimulation of protein and collagen synthesis by serum. <i>Biochemical and Biophysical Research Communications</i> , 1977, 76, 1214-1222.	2.1	37
132	L-Tryptophan and the Eosinophilia-Myalgia Syndrome: Current Understanding of the Etiology and Pathogenesis. <i>Journal of Investigative Dermatology</i> , 1993, 100, S97-S105.	0.7	37
133	Identification of a mutation in type X collagen in a family with Schmid metaphyseal chondrodysplasia. <i>Human Molecular Genetics</i> , 1994, 3, 507-509.	2.9	37
134	Thermostability Gradient in the Collagen Triple Helix Reveals its Multi-domain Structure. <i>Journal of Molecular Biology</i> , 2004, 338, 989-998.	4.2	37
135	Improvement of Severe Systemic Sclerosis-associated Gastric Antral Vascular Ectasia Following Immunosuppressive Treatment with Intravenous Cyclophosphamide. <i>Journal of Rheumatology</i> , 2009, 36, 1653-1656.	2.0	37
136	Persistent activation of dermal fibroblasts from patients with gadolinium-associated nephrogenic systemic fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2017-2023.	0.9	37
137	Role of Cellular Senescence and NOX4-Mediated Oxidative Stress in Systemic Sclerosis Pathogenesis. <i>Current Rheumatology Reports</i> , 2015, 17, 473.	4.7	37
138	Increased $\alpha$ 1(I) Procollagen Gene Expression in Tight Skin (TSK) Mice Myocardial Fibroblasts Is Due to a Reduced Interaction of a Negative Regulatory Sequence with AP-1 Transcription Factor. <i>Journal of Biological Chemistry</i> , 1995, 270, 9313-9321.	3.4	35
139	Detection and Characterization of Sp1 Binding Activity in Human Chondrocytes and Its Alterations during Chondrocyte Dedifferentiation. <i>Journal of Biological Chemistry</i> , 1997, 272, 26918-26925.	3.4	35
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