

Robin J Meanulty

List of Publications by Year in descending order

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117
papers

9,149
citations

34105

52
h-index

39675

94
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119
all docs

119
docs citations

119
times ranked

8606
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming Growth Factor- β^2 (TGF- β^2) Family of Molecule. , 2022, , 308-313.		0
2	Transcriptome analysis of IPF fibroblastic foci identifies key pathways involved in fibrogenesis. Thorax, 2021, 76, 73-82.	5.6	25
3	Reduced SOCS1 Expression in Lung Fibroblasts from Patients with IPF Is Not Mediated by Promoter Methylation or Mir155. Biomedicines, 2021, 9, 498.	3.2	1
4	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 564-574.	5.6	208
5	Inhibition of collagen production delays malignant mesothelioma tumor growth in a murine model. Biochemical and Biophysical Research Communications, 2019, 510, 198-204.	2.1	6
6	Diverse functions of clusterin promote and protect against the development of pulmonary fibrosis. Scientific Reports, 2018, 8, 1906.	3.3	21
7	Prostanoid EP2 Receptors Are Up-Regulated in Human Pulmonary Arterial Hypertension: A Key Anti-Proliferative Target for Treprostinil in Smooth Muscle Cells. International Journal of Molecular Sciences, 2018, 19, 2372.	4.1	24
8	Effective silencing of ENaC by siRNA delivered with epithelial-targeted nanocomplexes in human cystic fibrosis cells and in mouse lung. Thorax, 2018, 73, 847-856.	5.6	50
9	Delivery of ENaC siRNA to epithelial cells mediated by a targeted nanocomplex: a therapeutic strategy for cystic fibrosis. Scientific Reports, 2017, 7, 700.	3.3	51
10	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. Lancet Respiratory Medicine, the, 2017, 5, 869-880.	10.7	233
11	P50â€¦Localisation of the glycolytic isozyme, pyruvate kinase m2 in the lung of idiopathic pulmonary fibrosis. , 2017, , .		0
12	Exploration of a potent PI3 kinase/mTOR inhibitor as a novel anti-fibrotic agent in IPF. Thorax, 2016, 71, 701-711.	5.6	153
13	Epigenetic regulation of cyclooxygenase-2 by methylation of c8orf4â€¦in pulmonary fibrosis. Clinical Science, 2016, 130, 575-586.	4.3	64
14	Caffeine inhibits TGF β^2 activation in epithelial cells, interrupts fibroblast responses to TGF β^2 , and reduces established fibrosis in<i>ex vivo</i>precision-cut lung slices. Thorax, 2016, 71, 565-567.	5.6	55
15	Minicircle DNA Provides Enhanced and Prolonged Transgene Expression Following Airway Gene Transfer. Scientific Reports, 2016, 6, 23125.	3.3	50
16	LSC Abstract â€œ Investigating SOCS-mediated regulation of STAT signalling in idiopathic pulmonary fibrosis (IPF) . , 2016, , .		1
17	S66â€¦Caffeine Inhibits TGF β^2 Activation by Epithelial Cells, Interrupts Fibroblast Responses to TGF β^2 , and Reduces Pulmonary Fibrosis in<i>Ex Vivo</i>Precision-cut Lung Slices. Thorax, 2015, 70, A39.2-A40.	5.6	0
18	Airway Deposition of Nebulized Gene Delivery Nanocomplexes Monitored by Radioimaging Agents. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 471-480.	2.9	15

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19	Inhibition of neointimal hyperplasia in a rabbit vein graft model following non-viral transfection with human iNOS cDNA. <i>Gene Therapy</i> , 2013, 20, 979-986.	4.5	20
20	STAT3-Mediated Signaling Dysregulates Lung Fibroblast-Myofibroblast Activation and Differentiation in UIP/IPF. <i>American Journal of Pathology</i> , 2012, 180, 1398-1412.	3.8	103
21	Genetic partitioning of interleukin-6 signalling in mice dissociates Stat3 from Smad3-mediated lung fibrosis. <i>EMBO Molecular Medicine</i> , 2012, 4, 939-951.	6.9	128
22	Models and approaches to understand the role of airway remodelling in disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 478-486.	2.6	10
23	Interleukin (IL)-6 And IL-11 Depletion Attenuates Bleomycin-Induced Murine Lung Fibrosis. , 2011, , .		0
24	Nebulisation of Receptor-Targeted Nanocomplexes for Gene Delivery to the Airway Epithelium. <i>PLoS ONE</i> , 2011, 6, e26768.	2.5	35
25	TGF- β 2 Isoform Specific Regulation of Airway Inflammation and Remodelling in a Murine Model of Asthma. <i>PLoS ONE</i> , 2010, 5, e9674.	2.5	71
26	T3 Tissue inhibitor of metalloproteinase-3 (TIMP3) protects against inflammatory processes in Interstitial Lung Disease (ILD). <i>Thorax</i> , 2010, 65, A1-A2.	5.6	1
27	Diminished Prostaglandin E ₂ Contributes to the Apoptosis Paradox in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 73-82.	5.6	170
28	Pulmonary Epithelium Is a Prominent Source of Proteinase-activated Receptor-1-inducible CCL2 in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 414-425.	5.6	111
29	Lysophosphatidic Acid Induces α 6 Integrin-Mediated TGF- β 2 Activation via the LPA2 Receptor and the Small G Protein G α q. <i>American Journal of Pathology</i> , 2009, 174, 1264-1279.	3.8	192
30	Escape from the Matrix: Multiple Mechanisms for Fibroblast Activation in Pulmonary Fibrosis. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 311-315.	3.5	42
31	A Receptor-targeted Nanocomplex Vector System Optimized for Respiratory Gene Transfer. <i>Molecular Therapy</i> , 2008, 16, 907-915.	8.2	59
32	Regulation of matrix turnover: fibroblasts, forces, factors and fibrosis. <i>Biochemical Society Transactions</i> , 2007, 35, 647-651.	3.4	62
33	Fibroblasts and myofibroblasts: Their source, function and role in disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 666-671.	2.8	366
34	Analysis and Optimization of the Cationic Lipid Component of a Lipid/Peptide Vector Formulation for Enhanced Transfection In Vitro and In Vivo. <i>Journal of Liposome Research</i> , 2006, 16, 373-389.	3.3	22
35	TGF- β 2: Its Role in Asthma and Therapeutic Potential. <i>Current Drug Targets</i> , 2006, 7, 547-565.	2.1	97
36	Functional Prostaglandin-Endoperoxide Synthase 2 Polymorphism Predicts Poor Outcome in Sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 915-922.	5.6	54

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37	696. Development of Lipid/Peptide (Lip/Tide) Vectors for Respiratory Gene Transfer. <i>Molecular Therapy</i> , 2006, 13, S269-S270.	8.2	0
38	Methods for Measuring Hydroxyproline and Estimating In Vivo Rates of Collagen Synthesis and Degradation. , 2005, 117, 189-207.		35
39	Procollagen type I gene expression and cell proliferation are increased in lipodermatosclerosis. <i>British Journal of Dermatology</i> , 2005, 152, 242-249.	1.5	26
40	Quantification of collagen and proteoglycan deposition in a murine model of airway remodelling. <i>Respiratory Research</i> , 2005, 6, 30.	3.6	36
41	Angiotensin II and the fibroproliferative response to acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L156-L164.	2.9	268
42	Attenuation of bleomycin induced pulmonary fibrosis in mice using the heme oxygenase inhibitor Zn-deuteroporphyrin IX-2,4-bisethylene glycol. <i>Thorax</i> , 2004, 59, 217-223.	5.6	47
43	Comparison of the morphological and biochemical changes in normal human lung fibroblasts and fibroblasts derived from lungs of patients with idiopathic pulmonary fibrosis during FasL-induced apoptosis. <i>Journal of Pathology</i> , 2004, 202, 486-495.	4.5	95
44	Efficient transfection of non-proliferating human airway epithelial cells with a synthetic vector system. <i>Journal of Gene Medicine</i> , 2004, 6, 210-221.	2.8	26
45	Evaluation of experimental models of idiopathic pulmonary fibrosis. <i>Drug Discovery Today: Disease Models</i> , 2004, 1, 329-336.	1.2	6
46	Severity of Lung Injury in Cyclooxygenase-2-Deficient Mice Is Dependent on Reduced Prostaglandin E2 Production. <i>American Journal of Pathology</i> , 2004, 165, 1663-1676.	3.8	111
47	Formation of LID vector complexes in water alters physicochemical properties and enhances pulmonary gene expression in vivo. <i>Gene Therapy</i> , 2003, 10, 1026-1034.	4.5	27
48	Fibroblasts Isolated from Normal Lungs and Those with Idiopathic Pulmonary Fibrosis Differ in Interleukin-6/gp130-Mediated Cell Signaling and Proliferation. <i>American Journal of Pathology</i> , 2003, 163, 345-354.	3.8	142
49	Macrophage Recognition and Phagocytosis of Apoptotic Fibroblasts Is Critically Dependent on Fibroblast-Derived Thrombospondin 1 and CD36. <i>American Journal of Pathology</i> , 2003, 162, 771-779.	3.8	93
50	Short course dexamethasone treatment following injury inhibits bleomycin induced fibrosis in rats. <i>Thorax</i> , 2003, 58, 765-771.	5.6	53
51	Increased Expression of Platelet-Derived Growth Factor Receptor- β in Airway Fibroblasts of Severe Asthmatics. <i>Chest</i> , 2003, 123, 428S-429S.	0.8	4
52	Inverse Effects of Interleukin-6 on Apoptosis of Fibroblasts from Pulmonary Fibrosis and Normal Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 490-498.	2.9	150
53	Biophysical characterization of an integrin-targeted non-viral vector. <i>Medical Science Monitor</i> , 2003, 9, BR54-61.	1.1	8
54	Cyclooxygenase-2 Overexpression, Using an Integrin-Targeted Gene Delivery System (the LID Vector), Inhibits Fibroblast Proliferation In Vitro and Leads to Increased Prostaglandin E2 in the Lung. <i>Chest</i> , 2002, 121, 102S-104S.	0.8	13

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55	Angiotensin Converting Enzyme Insertion/Deletion Polymorphism Is Associated with Susceptibility and Outcome in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 646-650.	5.6	511
56	Common Promoter Variant in Cyclooxygenase-2 Represses Gene Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1631-1636.	2.4	312
57	Fibroblasts. , 2002, , 139-144.		3
58	Evaluation of a porcine model for pulmonary gene transfer using a novel synthetic vector. <i>Journal of Gene Medicine</i> , 2002, 4, 438-446.	2.8	44
59	Oncostatin M stimulates proliferation, induces collagen production and inhibits apoptosis of human lung fibroblasts. <i>British Journal of Pharmacology</i> , 2002, 136, 793-801.	5.4	85
60	Direct Thrombin Inhibition Reduces Lung Collagen, Accumulation, and Connective Tissue Growth Factor mRNA Levels in Bleomycin-Induced Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2001, 159, 1383-1395.	3.8	176
61	Cyclooxygenase-2 Deficiency Results in a Loss of the Anti-Proliferative Response to Transforming Growth Factor- β 2 in Human Fibrotic Lung Fibroblasts and Promotes Bleomycin-Induced Pulmonary Fibrosis in Mice. <i>American Journal of Pathology</i> , 2001, 158, 1411-1422.	3.8	236
62	Localisation of transforming growth factor beta1 and beta3 mRNA transcripts in normal and fibrotic human lung. <i>Thorax</i> , 2001, 56, 549-556.	5.6	97
63	An integrin-targeted non-viral vector for pulmonary gene therapy. <i>Gene Therapy</i> , 2000, 7, 393-400.	4.5	85
64	Increased collagen production in fibroblasts cultured from irradiated skin and effect of TGF β 1 clinical study. <i>British Journal of Cancer</i> , 2000, 83, 650-654.	6.4	32
65	Mast cell tryptase stimulates human lung fibroblast proliferation via protease-activated receptor-2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L193-L201.	2.9	250
66	Fibroblasts and myofibroblasts. , 2000, , 159-198.		1
67	Fibroproliferation Occurs Early in the Acute Respiratory Distress Syndrome and Impacts on Outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1783-1788.	5.6	835
68	Angiotensin II Is Mitogenic for Human Lung Fibroblasts via Activation of the Type 1 Receptor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 1999-2004.	5.6	186
69	Regulation of procollagen genes. From forces to factors. <i>Journal of Chemical Sciences</i> , 1999, 111, 291.	1.5	1
70	Fibroblast mitogens in bronchoalveolar lavage (BAL) fluid from asbestos-exposed subjects with and without clinical evidence of asbestosis: no evidence for the role of PDGF, TNF- α , IGF-1, or IL-1 β . , 1998, 185, 199-203.		13
71	Effect of Endothelin Receptor Antagonists (BQ-485, Ro 47-0203) on Collagen Deposition During the Development of Bleomycin-Induced Pulmonary Fibrosis in Rats. <i>Pulmonary Pharmacology and Therapeutics</i> , 1998, 11, 221-225.	2.6	58
72	Increased Endothelin-1 and Its Localization during the Development of Bleomycin-induced Pulmonary Fibrosis in Rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 611-619.	2.9	89

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73	A novel transforming growth factor β 2 antisense transcript in mammalian lung. <i>Biochemical Journal</i> , 1998, 332, 297-301.	3.7	6
74	Thrombin stimulates fibroblast procollagen production via proteolytic activation of protease-activated receptor 1. <i>Biochemical Journal</i> , 1998, 333, 121-127.	3.7	155
75	Thrombin Stimulates Smooth Muscle Cell Procollagen Synthesis and mRNA Levels via a PAR-1 Mediated Mechanism. <i>Thrombosis and Haemostasis</i> , 1998, 79, 405-409.	3.4	69
76	Indomethacin suppresses the anti-proliferative effects of transforming growth factor- β 2 isoforms on fibroblast cell cultures. <i>Biochemical Journal</i> , 1997, 321, 639-643.	3.7	110
77	The pathogenesis of pulmonary fibrosis: Is there a fibrosis gene?. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 107-120.	2.8	96
78	Transforming growth factors-beta 1, -beta 2, and -beta 3 stimulate fibroblast procollagen production in vitro but are differentially expressed during bleomycin-induced lung fibrosis. <i>American Journal of Pathology</i> , 1997, 150, 981-91.	3.8	200
79	Changes in collagen metabolism in response to endothelin-1: Evidence for fibroblast heterogeneity. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 229-238.	2.8	43
80	Diverse cellular TGF- β 1 and TGF- β 3 gene expression in normal human and murine lung. <i>European Respiratory Journal</i> , 1996, 9, 2501-2507.	6.7	86
81	Regulation of fibroblast procollagen production. Transforming growth factor- β 1 induces prostaglandin E2 but not procollagen synthesis via a pertussis toxin-sensitive G-protein. <i>Biochemical Journal</i> , 1995, 307, 63-68.	3.7	51
82	Characterization of murine pregnancy decidua transforming growth factor beta. I. Transforming growth factor beta 2-like molecules of unusual molecular size released in bioactive form. <i>Biology of Reproduction</i> , 1995, 52, 1380-1388.	2.7	37
83	Age-related alterations in collagen and total protein metabolism determined in cultured rat dermal fibroblasts: Age-related trends parallel those observed in rat skin in vivo. <i>International Journal of Biochemistry and Cell Biology</i> , 1995, 27, 937-945.	2.8	14
84	Role of thrombin in pulmonary fibrosis. <i>Lancet</i> , The, 1995, 346, 1071-1073.	13.7	148
85	Cadmium selectively inhibits fibroblast procollagen production and proliferation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1994, 267, L300-L308.	2.9	14
86	Increased levels of endothelin-1 in bronchoalveolar lavage fluid from patients with systemic sclerosis contribute to fibroblast mitogenic activity in vitro.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1994, 11, 439-445.	2.9	127
87	Immunohistochemical localization of transforming growth factor- β 1 in the lungs of patients with systemic sclerosis, cryptogenic fibrosing alveolitis and other lung disorders. <i>Histopathology</i> , 1994, 24, 145-150.	2.9	113
88	Insulin-like Growth Factor-1 is Partially Responsible for Fibroblast Proliferation Induced by Bronchoalveolar Lavage Fluid from Patients with Systemic Sclerosis. <i>Clinical Science</i> , 1994, 86, 141-148.	4.3	64
89	Increased type I procollagen mRNA transcripts in the lungs of mice during the development of bleomycin-induced fibrosis. <i>European Respiratory Journal</i> , 1994, 7, 1938-43.	6.7	16
90	TGF-beta antibodies: a novel treatment for pulmonary fibrosis?. <i>Thorax</i> , 1993, 48, 953-954.	5.6	11

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91	Enhanced type III collagen gene expression during bleomycin induced lung fibrosis.. Thorax, 1993, 48, 622-628.	5.6	35
92	Growth factor activity in the lung during compensatory growth after pneumonectomy: evidence of a role for IGF-1. European Respiratory Journal, 1992, 5, 739-47.	6.7	25
93	Long-term Changes in Mouse Lung Following Inhalation of a Fibrosis-inducing Dose of $^{239}\text{PuO}_2$: Changes in Collagen Synthesis and Degradation Rates. International Journal of Radiation Biology, 1991, 59, 229-238.	1.8	19
94	The effect of transforming growth factor β^2 on rates of procollagen synthesis and degradation in vitro. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1091, 231-235.	4.1	70
95	Age-related changes in rates of protein synthesis and degradation in rat tissues. Mechanisms of Ageing and Development, 1991, 59, 229-241.	4.6	31
96	Collagen Synthesis and Degradation by Systemic Sclerosis Lung Fibroblasts. Chest, 1991, 99, 71S-72S.	0.8	24
97	Age-related changes in collagen synthesis and degradation in rat tissues. Importance of degradation of newly synthesized collagen in regulating collagen production. Biochemical Journal, 1991, 276, 307-313.	3.7	180
98	Age-related changes in total protein and collagen metabolism in rat liver. Hepatology, 1991, 14, 1224-1229.	7.3	18
99	Similar age-related alterations in collagen metabolism in rat tissues <i>in vivo</i> and fibroblasts <i>in vitro</i> . Biochemical Society Transactions, 1990, 18, 957-957.	3.4	8
100	Application of high-pressure liquid chromatography to studies of collagen production by isolated cells in culture. Analytical Biochemistry, 1990, 186, 257-263.	2.4	59
101	Evidence for protein oedema, neutrophil influx, and enhanced collagen production in lungs of patients with systemic sclerosis.. Thorax, 1990, 45, 606-610.	5.6	31
102	Bleomycin-Induced Lung Injury in the Rat: Effects of the Platelet-Activating Factor (PAF) Receptor Antagonist BN 52021 and Platelet Depletion. Environmental Health Perspectives, 1990, 85, 65.	6.0	8
103	Age-related Changes in Lung Collagen Metabolism: A Role for Degradation in Regulating Lung Collagen Production. The American Review of Respiratory Disease, 1989, 140, 410-416.	2.9	47
104	Measurement of fibroblast collagen synthesis and degradation by reverse-phase high-pressure liquid chromatography. Biochemical Society Transactions, 1989, 17, 1127-1128.	3.4	3
105	Age-related changes in heart collagen metabolism. Biochemical Society Transactions, 1988, 16, 749-750.	3.4	1
106	Collagen metabolism in mice with $^{239}\text{PuO}_2$ -induced pulmonary fibrosis. Biochemical Society Transactions, 1987, 15, 690-690.	3.4	0
107	Collagen metabolism during compensatory lung growth after partial pneumonectomy. Biochemical Society Transactions, 1987, 15, 1180-1181.	3.4	0
108	Collagen Synthesis and Degradation In Vivo. Evidence for Rapid Rates of Collagen Turnover with Extensive Degradation of Newly Synthesized Collagen in Tissues of the Adult Rat. Collagen and Related Research, 1987, 7, 93-104.	2.0	137

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109	Evidence <i>in vivo</i> for rapid and extensive degradation of newly synthesized collagen in tissues of adult rats. <i>Biochemical Society Transactions</i> , 1986, 14, 776-777.	3.4	0
110	Corticosterone selectively decreases collagen synthesis but does not affect the proportion of newly synthesized collagen degraded. <i>Biochemical Society Transactions</i> , 1986, 14, 1178-1178.	3.4	0
111	Oxygen-dependent Protection of Radiation Lung Damage in Mice by WR 2721. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1984, 46, 597-607.	1.0	32
112	Protein Metabolism during Bleomycin-induced Pulmonary Fibrosis in Rabbits. <i>The American Review of Respiratory Disease</i> , 1983, 128, 82-88.	2.9	104
113	Anomalous tritium loss in the measurement of tissue hydroxy-[5-3H]proline specific activity following chloramine-T oxidation. <i>Analytical Biochemistry</i> , 1982, 123, 223-228.	2.4	15
114	The radiographic detection of acute pulmonary oedema. A comparison of radiographic appearances, densitometry and lung water in dogs. <i>British Journal of Radiology</i> , 1981, 54, 277-288.	2.2	69
115	Biochemical and histological changes in pulmonary fibrosis induced in rabbits with intratracheal bleomycin. <i>European Journal of Clinical Investigation</i> , 1981, 11, 441-448.	3.4	61
116	A simplified method for quantitation of the relative amounts of type I and type III collagen in small tissue samples. <i>Analytical Biochemistry</i> , 1981, 113, 301-312.	2.4	142
117	Changes in Lung Volume, Perfusion, Ventilation and Airway Diameter in Dogs with Pulmonary Oedema. <i>Clinical Science</i> , 1980, 59, 93-103.	4.3	15