Robert Steadman

List of Publications by Year
in descending order

58 papers	4,034 citations	147801 31 h-index	138484 58 g-index
58 all docs	58 docs citations	58 times ranked	6075 citing authors

#	Article	IF	Citations
1	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. Biomolecules, 2021, 11, 1095.	4.0	77
2	CD147 mediates the CD44s-dependent differentiation of myofibroblasts driven by transforming growth factor-Î²1. Journal of Biological Chemistry, 2021, 297, 100987.	3.4	13
3	Hyaluronidase-2 Regulates RhoA Signaling, Myofibroblast Contractility, and Other Key Profibrotic Myofibroblast Functions. American Journal of Pathology, 2020, 190, 1236-1255.	3.8	11
4	Novel epoxy-tiglianes stimulate skin keratinocyte wound healing responses and re-epithelialization via protein kinase C activation. Biochemical Pharmacology, 2020, 178, 114048.	4.4	14
5	Role of Hyaluronan in Human Adipogenesis: Evidence from in-Vitro and in-Vivo Studies. International Journal of Molecular Sciences, 2019, 20, 2675.	4.1	4
6	Nuclear hyaluronidase 2 drives alternative splicing of <i>CD44</i> pre-mRNA to determine profibrotic or antifibrotic cell phenotype. Science Signaling, 2017, 10, .	3.6	29
7	Hepatocyte Growth Factor Mediates Enhanced Wound Healing Responses and Resistance to Transforming Growth Factor-Î²1-Driven Myofibroblast Differentiation in Oral Mucosal Fibroblasts. International Journal of Molecular Sciences, 2017, 18, 1843.	4.1	28
8	Tumor Necrosis Factor-stimulated Gene 6 (TSG-6)-mediated Interactions with the Inter-Î±-inhibitor Heavy Chain 5 Facilitate Tumor Growth Factor Î²1 (TGFÎ²1)-dependent Fibroblast to Myofibroblast Differentiation. Journal of Biological Chemistry, 2016, 291, 13789-13801.	3.4	40
9	17Î²-estradiol ameliorates age-associated loss of fibroblast function by attenuating IFN-Î³/STAT1-dependent miR-7 upregulation. Aging Cell, 2016, 15, 531-541.	6.7	36
10	Hyaluronan Regulates Bone Morphogenetic Protein-7-dependent Prevention and Reversal of Myofibroblast Phenotype. Journal of Biological Chemistry, 2015, 290, 11218-11234.	3.4	31
11	Micro<scp>RNA</scp>â€7 inhibition rescues ageâ€associated loss of epidermal growth factor receptor and hyaluronanâ€dependent differentiation in fibroblasts. Aging Cell, 2014, 13, 235-244.	6.7	32
12	Interleukin-1Î² Induces Hyaluronan and CD44-Dependent Cell Protrusions That Facilitate Fibroblast-Monocyte Binding. American Journal of Pathology, 2013, 182, 2223-2240.	3.8	26
13	Transforming Growth Factor-Î²1 (TGF-Î²1)-stimulated Fibroblast to Myofibroblast Differentiation Is Mediated by Hyaluronan (HA)-facilitated Epidermal Growth Factor Receptor (EGFR) and CD44 Co-localization in Lipid Rafts. Journal of Biological Chemistry, 2013, 288, 14824-14838.	3.4	220
14	Glycosaminoglycan Regulation by VEGFA and VEGFC of the Glomerular Microvascular Endothelial Cell Glycocalyx inÂVitro. American Journal of Pathology, 2013, 183, 604-616.	3.8	46
15	Tumour necrosis factor-stimulated gene (TSG)-6 controls epithelialâ€"mesenchymal transition of proximal tubular epithelial cells. International Journal of Biochemistry and Cell Biology, 2011, 43, 1739-1746.	2.8	19
16	Fibroblasts and myofibroblasts in renal fibrosis. International Journal of Experimental Pathology, 2011, 92, 158-167.	1.3	294
17	Characterisation of the Human ADAM15 Promoter. Nephron Experimental Nephrology, 2011, 118, e27-e38.	2.2	3
18	Hyaluronan Facilitates Transforming Growth Factor-Î²1-dependent Proliferation via CD44 and Epidermal Growth Factor Receptor Interaction. Journal of Biological Chemistry, 2011, 286, 17618-17630.	3.4	103

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19	Aging Fibroblasts Resist Phenotypic Maturation Because of Impaired Hyaluronan-Dependent CD44/Epidermal Growth Factor Receptor Signaling. American Journal of Pathology, 2010, 176, 1215-1228.	3.8	66
20	Cancer Exosomes Trigger Fibroblast to Myofibroblast Differentiation. Cancer Research, 2010, 70, 9621-9630.	0.9	685
21	Hyaluronan Orchestrates Transforming Growth Factor-Î²1-dependent Maintenance of Myofibroblast Phenotype. Journal of Biological Chemistry, 2009, 284, 9083-9092.	3.4	119
22	Thyrotropin Receptor Activation Increases Hyaluronan Production in Preadipocyte Fibroblasts. Journal of Biological Chemistry, 2009, 284, 26447-26455.	3.4	73
23	Modulation of TGFÎ²1-Dependent Myofibroblast Differentiation by Hyaluronan. American Journal of Pathology, 2009, 175, 148-160.	3.8	106
24	Age-Related Changes in Pericellular Hyaluronan Organization Leads to Impaired Dermal Fibroblast to Myofibroblast Differentiation. American Journal of Pathology, 2009, 175, 1915-1928.	3.8	80
25	Hyaluronan Facilitates Transforming Growth Factor-Î²1-mediated Fibroblast Proliferation. Journal of Biological Chemistry, 2008, 283, 6530-6545.	3.4	112
26	Diabetic nephropathy, inflammation, hyaluronan and interstitial fibrosis. Histology and Histopathology, 2008, 23, 731-9.	0.7	43
27	Involvement of Hyaluronan in Regulation of Fibroblast Phenotype. Journal of Biological Chemistry, 2007, 282, 25687-25697.	3.4	126
28	Hyaluronan Induces the Selective Accumulation of Matrix- and Cell-Associated Proteoglycans by Mesangial Cells. American Journal of Pathology, 2007, 171, 1811-1821.	3.8	10
29	Glucose modulates handling of apoptotic cells by mesangial cells: involvement of TGF-Î²1. Laboratory Investigation, 2007, 87, 690-701.	3.7	7
30	Glucose enhances mesangial cell apoptosis. Laboratory Investigation, 2006, 86, 566-577.	3.7	48
31	Adhesion and signaling by B cellâ€derived exosomes: the role of integrins. FASEB Journal, 2004, 18, 977-979.	0.5	280
32	Myofibroblastic Differentiation Leads to Hyaluronan Accumulation through Reduced Hyaluronan Turnover. Journal of Biological Chemistry, 2004, 279, 41453-41460.	3.4	54
33	Structural and Functional Changes in Heparan Sulfate Proteoglycan Expression Associated with the Myofibroblastic Phenotype. American Journal of Pathology, 2003, 162, 977-989.	3.8	12
34	TGF-Î²1-mediated fibroblastâ€"myofibroblast terminal differentiationâ€"the role of smad proteins. Experimental Cell Research, 2003, 282, 90-100.	2.6	335
35	Selective Regulation of ICAM-1 and RANTES Gene Expression after ICAM-1 Ligation on Human Renal Fibroblasts. Journal of the American Society of Nephrology: JASN, 2003, 14, 116-127.	6.1	34
36	The Role of ADAM 15 in Glomerular Mesangial Cell Migration. Journal of Biological Chemistry, 2002, 277, 33683-33689.	3.4	101

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37	Association of Prolonged Hyperglycemia With Glomerular Hypertrophy and Renal Basement Membrane Thickening in the Goto Kakizaki Model of Nonâ€“Insulin-Dependent Diabetes Mellitus. American Journal of Kidney Diseases, 2001, 37, 400-410.	1.9	81
38	Cell surface heparan sulfate proteoglycans control the response of renal interstitial fibroblasts to fibroblast growth factor-2. Kidney International, 2001, 59, 2084-2094.	5.2	38
39	Cell surface heparan sulfate proteoglycans control the response of renal interstitial fibroblasts to fibroblast growth factor-2. Kidney International, 2001, 59, 2084.	5.2	7
40	Induction of Metalloproteinases by Glomerular Mesangial Cells Stimulated by Proteins of the Extracellular Matrix. Journal of the American Society of Nephrology: JASN, 2001, 12, 88-96.	6.1	53
41	Production and Regulation of Matrix Metalloproteinases and Their Inhibitors by Human Peritoneal Mesothelial Cells. Peritoneal Dialysis International, 2000, 20, 524-533.	2.3	53
42	Renal proximal tubular cell fibronectin accumulation in response to glucose is polyol pathway dependent. Kidney International, 1999, 55, 160-167.	5.2	47
43	Augmentation of kidney injury by basic fibroblast growth factor or platelet-derived growth factor does not induce progressive diabetic nephropathy in the Goto Kakizaki model of non-insulin-dependent diabetes. Translational Research, 1999, 134, 304-312.	2.3	28
44	Decreased Degradation of Collagen and Fibronectin following Exposure of Proximal Cells to Glucose. Nephron Experimental Nephrology, 1999, 7, 449-462.	2.2	17
45	Human neutrophils do not degrade major basement membrane components during chemotactic migration. International Journal of Biochemistry and Cell Biology, 1997, 29, 993-1004.	2.8	30
46	Exposure of human renal proximal tubular cells to glucose leads to accumulation of type IV collagen and fibronectin by decreased degradation. Kidney International, 1997, 52, 973-984.	5.2	69
47	CD11bCD18-Dependent stimulation of leukotriene B4 synthesis by human neutrophils (PMN) is synergistically enhanced by tumour necrosis factor Î± and low dose diacylglycerol. International Journal of Biochemistry and Cell Biology, 1996, 28, 771-776.	2.8	7
48	Induction of TGF-Î²1 synthesis in D-glucose primed human proximal tubular cells by IL-1Î² and TNFÎ±. Kidney International, 1996, 50, 1546-1554.	5.2	77
49	A new antibody capture enzyme linked immunoassay specific for transforming growth factor beta. International Journal of Biochemistry and Cell Biology, 1995, 27, 207-213.	2.8	9
50	Human neutrophils are selectively activated by independent ligation of the subunits of the CD11b/CD18 integrin. Journal of Leukocyte Biology, 1994, 56, 708-713.	3.3	15
51	Laminin cleavage by activated human neutrophils yields proteolytic fragments with selective migratory properties. Journal of Leukocyte Biology, 1993, 53, 354-365.	3.3	48
52	The influence of net surface charge on the interaction of uropathogenic Escherichia coli with human neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1053, 37-42.	4.1	12
53	Leukotriene B4 generation by human monocytes and neutrophils stimulated by uropathogenic strains of Escherichia coli. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1052, 264-272.	4.1	8
54	Type 1 fimbriate strains of escherichia coli initiate renal parenchymal scarring. Kidney International, 1989, 36, 609-616.	5.2	30

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55	VARIABLE EXPRESSION OF P FIMBRIAE IN ESCHERICHIA COLI URINARY TRACT INFECTION. Lancet, The, 1989, 333, 1414-1418.	13.7	25
56	The assessment of relative surface hydrophobicity as a factor involved in the activation of human polymorphonuclear leukocytes by uropathogenic strains of Escherichia coli. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1013, 21-27.	4.1	11
57	The role of encapsulation in the activation of human neutrophils by strains of <i>Escherichia coli</i>. Biochemical Society Transactions, 1989, 17, 756-757.	3.4	1
58	Type 1 fimbriate Escherichia coli stimulates a unique pattern of degranulation by human polymorphonuclear leukocytes. Infection and Immunity, 1988, 56, 815-822.	2.2	51