

Ian M C Dixon

List of Publications by Year in descending order

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104
papers

4,128
citations

108046

37
h-index

129628

63
g-index

108
all docs

108
docs citations

108
times ranked

5149
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Substrate Culture to Mechanically Control Cardiac Myofibroblast Activation. <i>Methods in Molecular Biology</i> , 2021, 2299, 171-179.	0.4	1
2	SKI activates the Hippo pathway via LIMD1 to inhibit cardiac fibroblast activation. <i>Basic Research in Cardiology</i> , 2021, 116, 25.	2.5	20
3	Tissue non-specific alkaline phosphatase (TNAP): A player in post-MI cardiac fibrosis. <i>EBioMedicine</i> , 2021, 68, 103430.	2.7	1
4	Novel factors that activate and deactivate cardiac fibroblasts: A new perspective for treatment of cardiac fibrosis. <i>Wound Repair and Regeneration</i> , 2021, 29, 667-677.	1.5	14
5	Misoprostol treatment prevents hypoxia-induced cardiac dysfunction through a 14-3-3 and PKA regulatory motif on Bnip3. <i>Cell Death and Disease</i> , 2021, 12, 1105.	2.7	7
6	Fibroblast mechanosensing, SKI and Hippo signaling and the cardiac fibroblast phenotype: Looking beyond TGF- β 2. <i>Cellular Signalling</i> , 2020, 76, 109802.	1.7	10
7	An Improved Method of Maintaining Primary Murine Cardiac Fibroblasts in Two-Dimensional Cell Culture. <i>Scientific Reports</i> , 2019, 9, 12889.	1.6	39
8	Periostin Reexpression in Heart Disease Contributes to Cardiac Interstitial Remodeling by Supporting the Cardiac Myofibroblast Phenotype. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1132, 35-41.	0.8	20
9	Proximity-Labeling by BioID Reveals Pleiotropic Role of Ski in Cardiac Fibrosis. <i>FASEB Journal</i> , 2019, 33, .	0.2	0
10	Myocardin regulates mitochondrial calcium homeostasis and prevents permeability transition. <i>Cell Death and Differentiation</i> , 2018, 25, 1732-1748.	5.0	38
11	Steroids Limit Myocardial Edema During Ex Vivo Perfusion of Hearts Donated After Circulatory Death. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1763-1770.	0.7	26
12	Autophagy and the unfolded protein response promote profibrotic effects of TGF- β 1 in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L493-L504.	1.3	100
13	Periostin in cardiovascular disease and development: a tale of two distinct roles. <i>Basic Research in Cardiology</i> , 2018, 113, 1.	2.5	101
14	Myocardial Cell Signaling During the Transition to Heart Failure. , 2018, 9, 75-125.		12
15	Proximity-Labeling by BioID Reveals Pleiotropic Ski Interactome. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 124.	0.9	0
16	Ski drives an acute increase in MMP-9 gene expression and release in primary cardiac myofibroblasts. <i>Physiological Reports</i> , 2018, 6, e13897.	0.7	10
17	The Functional Role of Zinc Finger E Box-Binding Homeobox 2 (Zeb2) in Promoting Cardiac Fibroblast Activation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3207.	1.8	10
18	Regulation of cardiac fibroblast MMP2 gene expression by scleraxis. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 120, 64-73.	0.9	18

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19	Impact of Reperfusion Calcium and pH on the Resuscitation of Hearts Donated After Circulatory Death. <i>Annals of Thoracic Surgery</i> , 2017, 103, 122-130.	0.7	36
20	Inhibition of autophagy inhibits the conversion of cardiac fibroblasts to cardiac myofibroblasts. <i>Oncotarget</i> , 2016, 7, 78516-78531.	0.8	52
21	Avoidance of Profound Hypothermia During Initial Reperfusion Improves the Functional Recovery of Hearts Donated After Circulatory Death. <i>American Journal of Transplantation</i> , 2016, 16, 773-782.	2.6	31
22	Chronic expression of Ski induces apoptosis and represses autophagy in cardiac myofibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1261-1268.	1.9	18
23	Physiologic Changes in the Heart Following Cessation of Mechanical Ventilation in a Porcine Model of Donation After Circulatory Death: Implications for Cardiac Transplantation. <i>American Journal of Transplantation</i> , 2016, 16, 783-793.	2.6	57
24	TGF β 1 regulates Scleraxis expression in primary cardiac myofibroblasts by a Smad-independent mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H239-H249.	1.5	40
25	Autophagy is a regulator of TGF β 1-induced fibrogenesis in primary human atrial myofibroblasts. <i>Cell Death and Disease</i> , 2015, 6, e1696-e1696.	2.7	166
26	Assessment of donor heart viability during ex vivo heart perfusion. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 893-901.	0.7	58
27	SnoN as a novel negative regulator of TGF β 2/Smad signaling: a target for tailoring organ fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H75-H82.	1.5	34
28	Cardiac Fibrosis and Heart Failure—Cause or Effect?. , 2015, , 1-4.		0
29	Non-Canonical Regulation of TGF β 1 Signaling: A Role for Ski/Sno and YAP/TAZ. , 2015, , 147-165.		0
30	Ski Modulates Myofibroblast Motility via Downregulation of MMP2 and Paxillin. <i>FASEB Journal</i> , 2015, 29, LB579.	0.2	0
31	The Ski/Zeb2/Meox2 pathway provides a novel mechanism for regulation of the cardiac myofibroblast phenotype. <i>Journal of Cell Science</i> , 2014, 127, 40-9.	1.2	41
32	Reprogramming and Carcinogenesis—Parallels and Distinctions. <i>International Review of Cell and Molecular Biology</i> , 2014, 308, 167-203.	1.6	48
33	Human mesenchymal stem cells express a myofibroblastic phenotype in vitro: comparison to human cardiac myofibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2014, 392, 187-204.	1.4	23
34	Autophagy and Heart Disease: Implications for Cardiac Ischemia- Reperfusion Damage. <i>Current Molecular Medicine</i> , 2014, 14, 616-629.	0.6	45
35	The Ski-Zeb2-Meox2 pathway provides a novel mechanism for regulation of the cardiac myofibroblast phenotype. <i>Development (Cambridge)</i> , 2014, 141, e307-e307.	1.2	0
36	Autophagy in phenoconversion of differentiated and undifferentiated fibroblasts. <i>FASEB Journal</i> , 2013, 27, 1129.14.	0.2	0

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37	Autophagy regulates trans fatty acid-mediated apoptosis in primary cardiac myofibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 2274-2286.	1.9	39
38	Cardiac myofibroblasts: cells out of balance. A new thematic series. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, 14.	3.4	4
39	Apoptosis, autophagy and ER stress in mevalonate cascade inhibition-induced cell death of human atrial fibroblasts. <i>Cell Death and Disease</i> , 2012, 3, e330-e330.	2.7	104
40	miRâ€1 and miRâ€301a Overexpression Impairs Collagen Gel Contraction in Human Mesenchymal Stem Cells. <i>FASEB Journal</i> , 2012, 26, lb681.	0.2	0
41	Transfatâ€mediated apoptosis is regulated by autophagy in primary cardiac myofibroblasts. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
42	Control of the Mesenchymal-Derived Cell Phenotype by Ski and Meox2: A Putative Mechanism for Postdevelopmental Phenoconversion. , 2011, , 29-42.		0
43	Antifibrotic properties of c-Ski and its regulation of cardiac myofibroblast phenotype and contractility. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C176-C186.	2.1	53
44	Mast Cells and Cardiac Fibroblasts. <i>Hypertension</i> , 2011, 58, 142-144.	1.3	7
45	Fibroblasts are coupled to myocytes in heart muscle by nanotubes: a bigger and better syncytium?. <i>Cardiovascular Research</i> , 2011, 92, 5-6.	1.8	4
46	Role of myosin light chain kinase in cardiotrophin-1-induced cardiac myofibroblast cell migration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H514-H522.	1.5	28
47	câ€Ski upregulation of Meox2 diminishes cardiac myofibroblast phenotype. <i>FASEB Journal</i> , 2011, 25, 1032.1.	0.2	0
48	Cardiac fibroblast to myofibroblast differentiation in vivo and in vitro: Expression of focal adhesion components in neonatal and adult rat ventricular myofibroblasts. <i>Developmental Dynamics</i> , 2010, 239, 1573-1584.	0.8	226
49	A High-Lipid Diet Potentiates Left Ventricular Dysfunction in Nitric Oxide Synthase 3-Deficient Mice after Chronic Pressure Overload. , <i>Journal of Nutrition</i> , 2010, 140, 1438-1444.	1.3	5
50	The Soluble Interleukin 6 Receptor Takes Its Place in the Pantheon of Interleukin 6 Signaling Proteins. <i>Hypertension</i> , 2010, 56, 193-195.	1.3	8
51	The basic helixâ€loopâ€helix transcription factor scleraxis regulates fibroblast collagen synthesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 188-195.	0.9	106
52	c-Ski, Smurf2, and Arkadia as regulators of TGF-Î² signaling: new targets for managing myofibroblast function and cardiac fibrosis This article is one of a selection of papers published in a special issue celebrating the 125th anniversary of the Faculty of Medicine at the University of Manitoba.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 764-772.	0.7	40
53	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1921-1922.	0.7	0
54	Increased expression and cell surface localization of MT1-MMP plays a role in stimulation of MMP-2 activity by leptin in neonatal rat cardiac myofibroblasts. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 874-881.	0.9	43

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55	Regulatory Role of TGF- β 2 in Cardiac Myofibroblast Function and Post-MI Cardiac Fibrosis: Key Roles of Smad7 and c-Ski. , 2008, , 249-266.		1
56	Differential and combined effects of cardiotrophin-1 and TGF- β 21 on cardiac myofibroblast proliferation and contraction. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1053-H1064.	1.5	33
57	Regulation of collagen synthesis by inhibitory Smad7 in cardiac myofibroblasts. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1282-H1290.	1.5	69
58	Working with what we have: Options for myocardial infarct repair?. Cardiovascular Research, 2007, 76, 377-378.	1.8	0
59	High- but not low-molecular weight FGF-2 causes cardiac hypertrophy in vivo; possible involvement of cardiotrophin-1. Journal of Molecular and Cellular Cardiology, 2007, 42, 222-233.	0.9	66
60	p42/p44 ERK modulates TGF- β 1-mediated phosphorylation and translocation in cardiac myofibroblasts. Journal of Molecular and Cellular Cardiology, 2007, 42, S51.	0.9	0
61	Retroviral c-Ski overexpression attenuates procollagen type I synthesis in primary cardiac myofibroblasts. Journal of Molecular and Cellular Cardiology, 2007, 42, S75.	0.9	0
62	The participation of the Na+ \leftrightarrow Ca2+ exchanger in primary cardiac myofibroblast migration, contraction, and proliferation. Journal of Cellular Physiology, 2007, 213, 540-551.	2.0	41
63	Much ado about bone marrow stem cells: Role in post-myocardial infarct repair. Cardiovascular Research, 2006, 71, 609-611.	1.8	2
64	Emerging evidence for the role of cardiotrophin-1 in cardiac repair in the infarcted heart. Cardiovascular Research, 2005, 65, 782-792.	1.8	74
65	K+ currents regulate the resting membrane potential, proliferation, and contractile responses in ventricular fibroblasts and myofibroblasts. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2931-H2939.	1.5	193
66	Experimental Models of MMP Activation: Ventricular Volume Overload. , 2005, , 253-271.		1
67	Excessive Tumor Necrosis Factor Activation After Infarction Contributes to Susceptibility of Myocardial Rupture and Left Ventricular Dysfunction. Circulation, 2004, 110, 3221-3228.	1.6	242
68	Gender Dependency in the Pathogenesis of Cardiac Hypertrophy. Hypertension, 2004, 44, 392-393.	1.3	2
69	Boundary conditions and boundary layers for a multi-dimensional relaxation model. Journal of Differential Equations, 2004, 197, 85-117.	1.1	9
70	Smad Cofactors/Corepressors in the Fibrosed Post-MI Heart: Possible Therapeutic Targets. Progress in Experimental Cardiology, 2004, , 485-511.	0.0	0
71	Cardiotrophin-1: expression in experimental myocardial infarction and potential role in post-MI wound healing. Molecular and Cellular Biochemistry, 2003, 254, 247-256.	1.4	62
72	Fourier transform infrared evaluation of microscopic scarring in the cardiomyopathic heart: Effect of chronic AT1 suppression. Analytical Biochemistry, 2003, 316, 232-242.	1.1	59

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73	Induction of protein synthesis in cardiac fibroblasts by cardiotrophin-1: integration of multiple signaling pathways. <i>Cardiovascular Research</i> , 2003, 60, 365-375.	1.8	38
74	A new altruist on the block: effects of adrenomedullin after myocardial infarction. <i>Cardiovascular Research</i> , 2002, 56, 347-349.	1.8	2
75	Decreased Smad 7 expression contributes to cardiac fibrosis in the infarcted rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1685-H1696.	1.5	134
76	Acute protection of ischemic heart by FGF-2: involvement of FGF-2 receptors and protein kinase C. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1071-H1080.	1.5	80
77	Cardiac Fibrosis During the Development of Heart Failure: New Insights into Smad Involvement. <i>Progress in Experimental Cardiology</i> , 2002, , 83-101.	0.0	0
78	Restraining acute infarct expansion decreases collagenase activity in borderzone myocardium. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1950-1956.	0.7	29
79	Help from within: cardioprotective properties of hepatocyte growth factor. <i>Cardiovascular Research</i> , 2001, 51, 4-6.	1.8	4
80	Interaction between angiotensin II and Smad proteins in fibroblasts in failing heart and in vitro. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H3020-H3030.	1.5	148
81	Effect of chronic AT1 receptor blockade on cardiac Smad overexpression in hereditary cardiomyopathic hamsters. <i>Cardiovascular Research</i> , 2000, 46, 286-297.	1.8	42
82	Activated TGF β 2 Signaling in the Heart After Myocardial Infarction. <i>Progress in Experimental Cardiology</i> , 2000, , 303-320.	0.0	0
83	Differential changes in cardiac myofibrillar and sarcoplasmic reticular gene expression in alloxan-induced diabetes. <i>Molecular and Cellular Biochemistry</i> , 1999, 200, 15-25.	1.4	30
84	Collagen remodeling in the extracellular matrix of the cardiomyopathic Syrian hamster heart as assessed by FTIR attenuated total reflectance spectroscopy. <i>Canadian Journal of Chemistry</i> , 1999, 77, 1843-1855.	0.6	8
85	Distribution of Collagen Deposition in Cardiomyopathic Hamster Hearts Determined by Infrared Microscopy. <i>Cardiovascular Pathology</i> , 1999, 8, 41-47.	0.7	54
86	Elevation of Expression of Smads 2, 3, and 4, Decorin and TGF- β 2 in the Chronic Phase of Myocardial Infarct Scar Healing. <i>Journal of Molecular and Cellular Cardiology</i> , 1999, 31, 667-678.	0.9	218
87	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 1998, 188, 91-101.	1.4	37
88	Antiproliferative and antifibrotic effects of mimosine on adult cardiac fibroblasts Previously published in abstract form: <i>Circulation</i> 94(8) (1996) 355.1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 51-60.	1.9	38
89	Differential Alterations in Left and Right Ventricular G-Proteins in Congestive Heart Failure due to Myocardial Infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 2153-2163.	0.9	26
90	Expression of G α and PLC- β 2 in Scar and Border Tissue in Heart Failure Due to Myocardial Infarction. <i>Circulation</i> , 1998, 97, 892-899.	1.6	92

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91	The Role of Angiotensin II in Post-Translational Regulation of Fibrillar Collagens in Fibrosed and Failing Rat Heart. Progress in Experimental Cardiology, 1998, , 471-498.	0.0	2
92	Cardiac sarcolemmal Na ⁺ -Ca ²⁺ exchange and Na ⁺ -K ⁺ ATPase activities and gene expression in alloxan-induced diabetes in rats. , 1998, , 91-101.		0
93	Cardiac Collagen Remodeling in the Cardiomyopathic Syrian Hamster and the Effect of Losartan. Journal of Molecular and Cellular Cardiology, 1997, 29, 1837-1850.	0.9	66
94	Title is missing!. Heart Failure Reviews, 1997, 2, 107-116.	1.7	7
95	Sequence of alterations in subcellular organelles during the development of heart dysfunction in diabetes. Diabetes Research and Clinical Practice, 1996, 30, S113-S122.	1.1	40
96	Modification of the extracellular matrix following myocardial infarction monitored by FTIR spectroscopy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1996, 1315, 73-77.	1.8	99
97	Effect of angiotensin II on myocardial collagen gene expression. Molecular and Cellular Biochemistry, 1996, 163-164, 231-237.	1.4	19
98	Effect of ramipril and losartan on collagen expression in right and left heart after myocardial infarction. Molecular and Cellular Biochemistry, 1996, 165, 31-45.	1.4	66
99	Collagenous Proteins in Scar Tissue Subsequent to Myocardial Infarction. Developments in Cardiovascular Medicine, 1996, , 401-414.	0.1	0
100	Cardiac Extracellular Matrix and its Role in the Development of Heart Failure. Developments in Cardiovascular Medicine, 1995, , 75-90.	0.1	3
101	Role of extracellular matrix proteins in heart function. Molecular and Cellular Biochemistry, 1993, 129, 101-120.	1.4	142
102	Alteration of collagenous protein profile in congestive heart failure secondary to myocardial infarction. Molecular and Cellular Biochemistry, 1993, 129, 121-131.	1.4	42
103	Regulation of cardiac sarcolemmal Ca ²⁺ channels and Ca ²⁺ transporters by thyroid hormone. Molecular and Cellular Biochemistry, 1993, 129, 145-159.	1.4	33
104	Structural organization of the human cardiac β -myosin heavy chain gene (MYH6). Genomics, 1993, 18, 505-509.	1.3	31