Myofibroblasts and mechano-regulation of connective t

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#	Article	IF	CITATIONS
1	Modulation of Fibroblast Morphology and Adhesion during Collagen Matrix Remodeling. Molecular Biology of the Cell, 2002, 13, 3915-3929.	0.9	213
2	Transcription of bone and cartilage genes. Current Opinion in Orthopaedics, 2002, 13, 375-381.	0.3	2
3	Gene Expression in Fibroblasts and Fibrosis. Circulation Research, 2002, 91, 1103-1113.	2.0	469
4	Evidence for sequential utilization of fibronectin, vitronectin, and collagen during fibroblast-mediated collagen contraction. Wound Repair and Regeneration, 2002, 10, 397-408.	1.5	76
5	Phenotypic differences between dermal fibroblasts from different body sites determine their responses to tension and TGF \hat{l}^21 . BMC Dermatology, 2002, 2, 13.	2.1	71
6	Human fibroblasts from normal and malignant breast tissue grown in vitro show a distinct senescence profile and telomerase activity. The Histochemical Journal, 2002, 34, 403-410.	0.6	3
7	Physiopathology of airway hyperresponsiveness. Current Allergy and Asthma Reports, 2003, 3, 166-171.	2.4	30
8	Angiogenesis and marrow stromal cell fates: roles in bone strength. Osteoporosis International, 2003, 14, 46-53.	1.3	20
9	Fibroblast biology in three-dimensional collagen matrices. Trends in Cell Biology, 2003, 13, 264-269.	3.6	730
10	Mapping of zones of altered morphology and chorionic connective tissue cellular phenotype in human fetal membranes (amniochorion and decidua) overlying the lower uterine pole and cervix before labor at term. American Journal of Obstetrics and Gynecology, 2003, 189, 1481-1488.	0.7	61
11	COLLAGEN GEL CONTRACTION SERVES TO RAPIDLY DISTINGUISH EPITHELIAL- AND MESENCHYMAL-DERIVED CELLS IRRESPECTIVE OF α-SMOOTH MUSCLE ACTIN EXPRESSION. In Vitro Cellular and Developmental Biology - Animal, 2003, 39, 297.	0.7	2
12	Activation of platelet-derived growth factor pathway in human asthmatic pulmonary-derived mesenchymal cells. Electrophoresis, 2003, 24, 276-285.	1.3	34
13	Mechanisms of force generation and transmission by myofibroblasts. Current Opinion in Biotechnology, 2003, 14, 538-546.	3.3	354
14	Neutralization of Hepatocyte Growth Factor Leads to Retarded Cutaneous Wound Healing Associated with Decreased Neovascularization and Granulation Tissue Formation. Journal of Investigative Dermatology, 2003, 120, 335-343.	0.3	83
15	Topical vanadate optimizes collagen organization within granulation tissue. Wound Repair and Regeneration, 2003, 11 , 204-212.	1.5	11
16	Structural Pathways and Prevention of Heart Failure and Sudden Death. Journal of Cardiovascular Electrophysiology, 2003, 14, 764-774.	0.8	24
17	Maggots and wound healing: an investigation of the effects of secretions fromLucilia sericatalarvae upon interactions between human dermal fibroblasts and extracellular matrix components. British Journal of Dermatology, 2003, 148, 923-933.	1.4	78
18	Pioglitazone-induced myofibroblast cell death: implications for cutaneous scarring. British Journal of Dermatology, 2003, 149, 665-667.	1.4	5

#	Article	IF	Citations
19	The myofibroblast in wound healing and fibrocontractive diseases. Journal of Pathology, 2003, 200, 500-503.	2.1	1,350
20	Normal and Pathologic Soft Tissue Remodeling: Role of the Myofibroblast, with Special Emphasis on Liver and Kidney Fibrosis. Laboratory Investigation, 2003, 83, 1689-1707.	1.7	313
21	Molecular regulation of vessel maturation. Nature Medicine, 2003, 9, 685-693.	15.2	2,260
22	Airway remodeling in asthma: New insights. Journal of Allergy and Clinical Immunology, 2003, 111, 215-225.	1.5	477
23	l-Arginine and phosphodiesterase (PDE) inhibitors counteract fibrosis in the Peyronie's fibrotic plaque and related fibroblast cultures. Nitric Oxide - Biology and Chemistry, 2003, 9, 229-244.	1.2	206
24	Mediation of Transforming Growth Factor- \hat{l}^21 -Stimulated Matrix Contraction by Fibroblasts. American Journal of Pathology, 2003, 163, 2043-2052.	1.9	105
25	Myofibroblast and Endothelial Cell Proliferation during Murine Myocardial Infarct Repair. American Journal of Pathology, 2003, 163, 2433-2440.	1.9	251
26	Interaction of Smad3 and SRF-associated complex mediates TGF- \hat{l}^21 signals to regulate SM22 transcription during myofibroblast differentiation. Journal of Molecular and Cellular Cardiology, 2003, 35, 1407-1420.	0.9	130
27	Modulation of cultured corneal keratocyte phenotype by growth factors/cytokines control in vitro contractility and extracellular matrix contraction. Experimental Eye Research, 2003, 77, 581-592.	1.2	207
28	Cell characterization of porcine aortic valve and decellularized leaflets repopulated with aortic valve interstitial cells: the VESALIO project (vitalitate exornatum succedaneum aorticum labore) Tj ETQq1 1 0.78	343 ₫. ‡rgB⁻	T /Owerlock 1
29	Growth factor modulation of the extracellular matrix. Experimental Cell Research, 2003, 288, 235-245.	1.2	5
30	LPA-stimulated fibroblast contraction of floating collagen matrices does not require Rho kinase activity or retraction of fibroblast extensions. Experimental Cell Research, 2003, 289, 86-94.	1.2	27
31	Quantitative Parsing of Cell Multi-tasking in Wound Repair and Tissue Morphogenesis. Biophysical Journal, 2003, 84, 3499-3500.	0.2	4
32	The Different Characteristics of Dupuytren's Disease Fibroblasts Derived from Either Nodule or Cord: Expression of α-Smooth Muscle Actin and the Response to Stimulation by TGF-β1. Journal of Hand Surgery, 2003, 28, 351-356.	0.9	73
33	New insights on the involvement of Nerve Growth Factor in allergic inflammation and fibrosis. Cytokine and Growth Factor Reviews, 2003, 14, 369-374.	3.2	61
35	Fibroblast Quiescence in Floating Collagen Matrices. Journal of Biological Chemistry, 2003, 278, 20612-20617.	1.6	41
36	α-Smooth Muscle Actin Is Crucial for Focal Adhesion Maturation in Myofibroblasts. Molecular Biology of the Cell, 2003, 14, 2508-2519.	0.9	262
37	Effects of Rho Kinase and Actin Stress Fibers on Sustained Extracellular Signal-Regulated Kinase Activity and Activation of G1 Phase Cyclin-Dependent Kinases. Molecular and Cellular Biology, 2003, 23, 4283-4294.	1.1	93

#	ARTICLE	IF	Citations
38	Biglycan and decorin induce morphological and cytoskeletal changes involving signalling by the small GTPases RhoA and Rac1 resulting in lung fibroblast migration. Journal of Cell Science, 2003, 116, 4857-4864.	1.2	81
39	Skeletal myosin heavy chain function in cultured lung myofibroblasts. Journal of Cell Biology, 2003, 163, 119-129.	2.3	27
41	Msx2 Promotes Osteogenesis and Suppresses Adipogenic Differentiation of Multipotent Mesenchymal Progenitors. Journal of Biological Chemistry, 2003, 278, 45969-45977.	1.6	313
42	Different Molecular Motors Mediate Platelet-derived Growth Factor and Lysophosphatidic Acid-stimulated Floating Collagen Matrix Contraction. Journal of Biological Chemistry, 2003, 278, 47707-47712.	1.6	47
43	Dendritic Fibroblasts in Three-dimensional Collagen Matrices. Molecular Biology of the Cell, 2003, 14, 384-395.	0.9	183
44	Myofibroblast Differentiation by Transforming Growth Factor-ॆ1 Is Dependent on Cell Adhesion and Integrin Signaling via Focal Adhesion Kinase. Journal of Biological Chemistry, 2003, 278, 12384-12389.	1.6	547
45	Contractile Activity of Human Decidual Stromal Cells. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 844-849.	1.8	43
46	Cutaneous Wound Healing: Myofibroblastic Differentiation and in Vitro Models. International Journal of Lower Extremity Wounds, 2003, 2, 60-68.	0.6	51
47	Tissue Inhibitor of Metalloproteinase-3 Downregulation in Lymphangioleiomyomatosis. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 504-511.	1.4	68
48	The behaviour of the periosteum during callotasis. Journal of Pediatric Orthopaedics Part B, 2003, 12, 277-283.	0.3	0
49	The behaviour of the periosteum during callotasis. Journal of Pediatric Orthopaedics Part B, 2003, 12, 277-283.	0.3	2
50	Mechanical force regulation of myofibroblast differentiation in cardiac fibroblasts. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1871-H1881.	1.5	222
51	CNP gene expression is activated by Wnt signaling and correlates with <i>Wnt4</i> expression during renal injury. American Journal of Physiology - Renal Physiology, 2003, 284, F653-F662.	1.3	53
52	Cell-matrix and cell-cell contacts of myofibroblasts: role in connective tissue remodeling. Thrombosis and Haemostasis, 2003, 90, 993-1002.	1.8	220
53	Basic Mechanisms and Clinical Implications of Peritoneal Fibrosis. Peritoneal Dialysis International, 2003, 23, 530-541.	1.1	158
54	Opposite Cell Density-Dependence between Spontaneous and Oxidative Stress-Induced Apoptosis in Mouse Fibroblast L-Cells. Cellular Physiology and Biochemistry, 2003, 13, 401-414.	1.1	34
55	Phenotypic Screening for Pharmaceuticals Using Tissue Constructs. Current Pharmaceutical Biotechnology, 2004, 5, 181-189.	0.9	12
56	Dissecting the roles of endothelin, TGF- \hat{l}^2 and GM-CSF on myofibroblast differentiation by keratinocytes. Thrombosis and Haemostasis, 2004, 92, 262-274.	1.8	84

#	Article	IF	CITATIONS
57	Involvement of CTGF in TGF- $\hat{l}^21\hat{a}$ "Stimulation of Myofibroblast Differentiation and Collagen Matrix Contraction in the Presence of Mechanical Stress. , 2004, 45, 1109.		127
58	Histopathological Features of Nasal Polyps with Asthma Association: An Immunohistochemical Study. American Journal of Rhinology & Allergy, 2004, 18, 165-172.	2.3	55
59	Wound healing: an overview of acute, fibrotic and delayed healing. Frontiers in Bioscience - Landmark, 2004, 9, 283.	3.0	1,667
60	Idiopathic pulmonary fibrosis: emerging concepts on pharmacotherapy. Expert Opinion on Pharmacotherapy, 2004, 5, 1671-1686.	0.9	38
61	Presence of Activated Mobile Fibroblasts in Bronchoalveolar Lavage from Patients with Mild Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1049-1056.	2.5	50
62	Activation of the Pro-survival Phosphatidylinositol 3-Kinase/AKT Pathway by Transforming Growth Factor- \hat{I}^21 in Mesenchymal Cells Is Mediated by p38 MAPK-dependent Induction of an Autocrine Growth Factor. Journal of Biological Chemistry, 2004, 279, 1359-1367.	1.6	214
63	Myofibroblast Development Is Characterized by Specific Cell-Cell Adherens Junctions. Molecular Biology of the Cell, 2004, 15, 4310-4320.	0.9	198
64	Transforming Growth Factor- \hat{l}^21 Specifically Induce Proteins Involved in the Myofibroblast Contractile Apparatus. Molecular and Cellular Proteomics, 2004, 3, 466-477.	2.5	97
65	Intracellular Cyclic Nucleotide Analogues Inhibit in vitro Mitogenesis and Activation of Fibroblasts Derived from Obstructed Rat Kidneys. Nephron Experimental Nephrology, 2004, 96, e59-e66.	2.4	13
66	Enhanced P2X 7 Activity in Human Fibroblasts From Diabetic Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1240-1245.	1.1	50
67	Valvular Myofibroblast Activation by Transforming Growth Factor- \hat{l}^2 . Circulation Research, 2004, 95, 253-260.	2.0	349
68	TGF-?1 and angiotensin networking in cardiac remodeling. Cardiovascular Research, 2004, 63, 423-432.	1.8	605
69	Local, Three-Dimensional Strain Measurements Within Largely Deformed Extracellular Matrix Constructs. Journal of Biomechanical Engineering, 2004, 126, 699-708.	0.6	58
70	CCAAT/Enhancer-Binding Protein \hat{l}^2 Isoforms and the Regulation of $\hat{l}\pm$ -Smooth Muscle Actin Gene Expression by IL- $1\hat{l}^2$. Journal of Immunology, 2004, 173, 4661-4668.	0.4	52
71	Induction of Vascular Smooth Muscle \hat{l}_{\pm} -Actin Gene Transcription in Transforming Growth Factor \hat{l}^2 1-Activated Myofibroblasts Mediated by Dynamic Interplay between the Pur Repressor Proteins and Sp1/Smad Coactivators. Molecular Biology of the Cell, 2004, 15, 4532-4543.	0.9	52
72	Pressure-Induced Changes in Axial Eye Length of Chick and Tree Shrew: Significance of Myofibroblasts in the Sclera., 2004, 45, 758.		62
73	Endothelin-1 Promotes Myofibroblast Induction through the ETA Receptor via a rac/Phosphoinositide 3-Kinase/Akt-dependent Pathway and Is Essential for the Enhanced Contractile Phenotype of Fibrotic Fibroblasts. Molecular Biology of the Cell, 2004, 15, 2707-2719.	0.9	335
74	Transgenic Mice Reveal Novel Activities of Growth Hormone in Wound Repair, Angiogenesis, and Myofibroblast Differentiation. Journal of Biological Chemistry, 2004, 279, 26674-26684.	1.6	41

#	Article	IF	CITATIONS
75	Connective Tissue Remodeling Induced by Carbon Dioxide Laser Resurfacing of Photodamaged Human Skin. Archives of Dermatology, 2004, 140, 1326-32.	1.7	140
76	Role of Platelet Activation in Catheter-Induced Vascular Wall Injury. Journal of Endovascular Therapy, 2004, 11, 196-210.	0.8	3
77	Extra-cellular matrix in vascular networks. Cell Proliferation, 2004, 37, 207-220.	2.4	91
78	Smad3 deficiency attenuates renal fibrosis, inflammation, and apoptosis after unilateral ureteral obstruction. Kidney International, 2004, 66, 597-604.	2.6	181
79	Calmodulin-myosin light chain kinase inhibition changes fibroblast-populated collagen lattice contraction, cell migration, focal adhesion formation, and wound contraction. Wound Repair and Regeneration, 2004, 12, 505-511.	1.5	34
80	Reduced Fibroblast Interaction with Intact Collagen as a Mechanism for Depressed Collagen Synthesis in Photodamaged Skin. Journal of Investigative Dermatology, 2004, 122, 1471-1479.	0.3	172
81	The biochemical response of the heart to hypertension and exercise. Trends in Biochemical Sciences, 2004, 29, 609-617.	3.7	89
82	Relationship between posterior capsule opacification and intraocular lens biocompatibility. Progress in Retinal and Eye Research, 2004, 23, 283-305.	7.3	111
83	Functional Tissue Engineering of Autologous Tunica Albuginea: A Possible Graft for Peyronie's Disease Surgery. European Urology, 2004, 45, 781-786.	0.9	38
84	Antiproliferative heparan sulfate inhibiting hyaluronan and transforming growth factor-Î ² expression in human lung fibroblast cells. Clinical Proteomics, 2004, 1, 271-284.	1.1	1
85	Evaluation of Lateral Mechanical Tension in Thin-Film Tissue Constructs. Annals of Biomedical Engineering, 2004, 32, 1243-1251.	1.3	21
86	Myofibrosarcoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2004, 445, 215-223.	1.4	93
87	A Visual-Quantitative Analysis of Fibroblastic Stromagenesis in Breast Cancer Progression. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 311-324.	1.0	21
88	Pathological situations characterized by altered actin isoform expression. Journal of Pathology, 2004, 204, 386-395.	2.1	115
89	Type I collagen synthesis parallels the conversion of keratinocytic intraepidermal neoplasia to cutaneous squamous cell carcinoma. Journal of Pathology, 2004, 204, 333-339.	2.1	18
90	Human adipose tissue-derived cells delay re-epithelialization in comparison with skin fibroblasts in organotypic skin culture. British Journal of Dermatology, 2004, 150, 444-454.	1.4	27
91	Disruption of transforming growth factor ? signaling and profibrotic responses in normal skin fibroblasts by peroxisome proliferator-activated receptor ?. Arthritis and Rheumatism, 2004, 50, 1305-1318.	6.7	190
92	Selective inhibition of activin receptor-like kinase 5 signaling blocks profibrotic transforming growth factor ? responses in skin fibroblasts. Arthritis and Rheumatism, 2004, 50, 4008-4021.	6.7	102

#	Article	IF	CITATIONS
93	Differential effects of equiaxial and uniaxial strain on mesenchymal stem cells. Biotechnology and Bioengineering, 2004, 88, 359-368.	1.7	296
94	Expression and regulation of the insulin-like growth factor axis components in rat liver myofibroblasts. Journal of Cellular Physiology, 2004, 199, 388-398.	2.0	23
95	Rabbit knee model of post-traumatic joint contractures: The long-term natural history of motion loss and myofibroblasts. Journal of Orthopaedic Research, 2004, 22, 313-320.	1.2	85
96	Global gene expression of cells attached to a tissue engineering scaffold. Biomaterials, 2004, 25, 5631-5641.	5.7	53
97	Low-grade Sarcomas with CD34-Positive Fibroblasts and Low-Grade Myofibroblastic Sarcomas. Ultrastructural Pathology, 2004, 28, 291-305.	0.4	39
98	Ischemic Preconditioning Protects Against Gap Junctional Uncoupling in Cardiac Myofibroblasts. Cell Communication and Adhesion, 2004, $11,51$ -66.	1.0	8
99	Proteome Annotations and Identifications of the Human Pulmonary Fibroblast. Journal of Proteome Research, 2004, 3, 525-537.	1.8	31
100	Idiopathic pulmonary fibrosis: new insights into pathogenesis. Clinics in Chest Medicine, 2004, 25, 749-758.	0.8	92
101	Fighting pulmonary fibrosis: new science brings new therapeutic opportunities. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 361-368.	0.5	3
102	Regulation of mechanical interactions between fibroblasts and the substratum by stretch-activated Ca2+ entry. Journal of Cell Science, 2004, 117, 85-92.	1.2	144
103	P311 binds to the latency associated protein and downregulates the expression of TGF-Î ² 1 and TGF-Î ² 2. Biochemical and Biophysical Research Communications, 2004, 315, 1104-1109.	1.0	42
104	Impact of brief oxidant stress on primary adult cardiac fibroblasts. Biochemical and Biophysical Research Communications, 2004, 316, 256-262.	1.0	20
105	Matrix metalloproteinase inhibitor GM 6001 attenuates keratinocyte migration, contraction and myofibroblast formation in skin wounds. Experimental Cell Research, 2004, 299, 465-475.	1.2	129
106	Cardiac remodeling: is 8Âthe heart's lucky number?. Journal of Molecular and Cellular Cardiology, 2004, 36, 323-326.	0.9	2
107	Homeostasis of Eye Growth and the Question of Myopia. Neuron, 2004, 43, 447-468.	3.8	827
108	Myofibroblast Differentiation Is Induced in Keratinocyte-Fibroblast Co-Cultures and Is Antagonistically Regulated by Endogenous Transforming Growth Factor-Î ² and Interleukin-1. American Journal of Pathology, 2004, 164, 2055-2066.	1.9	166
109	Prevention of experimental diffuse lamellar keratitis using a novel platelet-activating factor receptor antagonist. Journal of Cataract and Refractive Surgery, 2004, 30, 884-891.	0.7	21
110	Increased formation of pyridinoline cross-links due to higher telopeptide lysyl hydroxylase levels is a general fibrotic phenomenon. Matrix Biology, 2004, 23, 251-257.	1.5	181

#	Article	IF	Citations
111	Mechanisms of Pulmonary Fibrosis. Annual Review of Medicine, 2004, 55, 395-417.	5.0	640
112	ENHANCEMENT OF LIPID BODIES DURING DIFFERENTIATION OF SKELETAL MYOFIBROBLASTS OF RAT'S FETUS IN VITRO. In Vitro Cellular and Developmental Biology - Animal, 2004, 40, 1.	0.7	7
113	Myofibroblastic Malignancies. Advances in Anatomic Pathology, 2004, 11, 190-201.	2.4	111
114	The Contractile Properties and Responses to Tensional Loading of Dupuytren???s Disease???Derived Fibroblasts Are Altered: A Cause of the Contracture?. Plastic and Reconstructive Surgery, 2004, 113, 622-624.	0.7	4
115	The Contractile Properties and Responses to Tensional Loading of Dupuytren???s Disease???Derived Fibroblasts Are Altered: A Cause of the Contracture?. Plastic and Reconstructive Surgery, 2004, 113, 611-621.	0.7	41
116	Integrin-Linked Kinase: A Possible Role in Scar Contracture. Annals of Plastic Surgery, 2004, 52, 204-211.	0.5	5
117	<title>Monitoring of the alignment in developing tissue-engineered constructs by elastic scattering spectroscopy</title> ., 2004, , .		2
118	Myofibroblast Numbers are Elevated in Human Elbow Capsules After Trauma. Clinical Orthopaedics and Related Research, 2004, 419, 189-197.	0.7	82
119	The Role of Matrix Stiffness in Hepatic Stellate Cell Activation and Liver Fibrosis. Journal of Clinical Gastroenterology, 2005, 39, S158-S161.	1.1	205
120	5-Fluorouracil Selectively Inhibits Collagen Synthesis. Plastic and Reconstructive Surgery, 2005, 116, 209-221.	0.7	54
121	Transforming Growth Factor-?? Promotes Pro-fibrotic Behavior by Serosal Fibroblasts via PKC and ERK1/2 Mitogen Activated Protein Kinase Cell Signaling. Annals of Surgery, 2005, 242, 880-889.	2.1	81
122	How the Cornea Heals. Cornea, 2005, 24, S2-S11.	0.9	213
123	Mechanical Strain Alters Gene Expression in an in Vitro Model of Hypertrophic Scarring. Annals of Plastic Surgery, 2005, 55, 69-75.	0.5	64
124	Extracellular matrix (ECM) microstructural composition regulates local cell-ECM biomechanics and fundamental fibroblast behavior: a multidimensional perspective. Journal of Applied Physiology, 2005, 98, 1909-1921.	1.2	147
125	Fibroblast populated dense collagen matrices: cell migration, cell density and metalloproteinases expression. Biomaterials, 2005, 26, 1533-1543.	5.7	64
126	The expression and function of the endothelin system in contractile properties of vaginal myofibroblasts of women with uterovaginal prolapse. American Journal of Obstetrics and Gynecology, 2005, 192, 426-432.	0.7	39
127	Neural Tissue Engineering: A Self-Organizing Collagen Guidance Conduit. Tissue Engineering, 2005, 11, 1611-1617.	4.9	134
128	Relaxin and the extracellular matrix: molecular mechanisms of action and implications for cardiovascular disease. Expert Reviews in Molecular Medicine, 2005, 7, 1-18.	1.6	11

#	ARTICLE	IF	CITATIONS
129	Conditioned medium from keloid keratinocyte/keloid fibroblast coculture induces contraction of fibroblast-populated collagen lattices. British Journal of Dermatology, 2005, 152, 639-645.	1.4	30
130	Therapeutic effects of adenoviral gene transfer of bone morphogenic protein-7 on a corneal alkali injury model in mice. Laboratory Investigation, 2005, 85, 474-486.	1.7	59
131	An ex vivo model for functional studies of myofibroblasts. Laboratory Investigation, 2005, 85, 643-654.	1.7	24
132	Clinico-pathologic correlations of myofibroblastic tumors of the oral cavity: 1. nodular fasciitis. Journal of Oral Pathology and Medicine, 2005, 34, 426-435.	1.4	78
133	Tissue repair, contraction, and the myofibroblast. Wound Repair and Regeneration, 2005, 13, 7-12.	1.5	750
134	Variable impairment of wound healing in the heterozygous collagenase-resistant mouse. Wound Repair and Regeneration, 2005, 13, 27-40.	1.5	11
135	Novel type of interstitial cell (Cajal-like) in human fallopian tube. Journal of Cellular and Molecular Medicine, 2005, 9, 479-523.	1.6	152
136	Myofibroblasts in stroma of odontogenic cysts and tumors can contribute to variations in the biological behavior of lesions. Oral Oncology, 2005, 41, 1028-1033.	0.8	80
137	Cell transplantation preserves cardiac function after infarction by infarct stabilization: Augmentation by stem cell factor. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 1310.e1-1310.e10.	0.4	84
138	Nested collagen matrices: A new model to study migration of human fibroblast populations in three dimensions. Experimental Cell Research, 2005, 312, 86-94.	1.2	87
139	Nicotine inhibits myofibroblast differentiation in human gingival fibroblasts. Journal of Cellular Biochemistry, 2005, 95, 1108-1119.	1.2	31
140	Mechanical signals and IGF-I gene splicing in vitro in relation to development of skeletal muscle. Journal of Cellular Physiology, 2005, 202, 67-75.	2.0	102
141	Selective reduction of fibrotic markers in repairing corneas of mice deficient in Smad3. Journal of Cellular Physiology, 2005, 203, 226-232.	2.0	30
142	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
143	Ultrarapid Engineering of Biomimetic Materials and Tissues: Fabrication of Nano- and Microstructures by Plastic Compression. Advanced Functional Materials, 2005, 15, 1762-1770.	7.8	413
144	Controlling Cell Responses to Cyclic Mechanical Stretching. Annals of Biomedical Engineering, 2005, 33, 337-342.	1.3	71
145	Mechanobiology in the Third Dimension. Annals of Biomedical Engineering, 2005, 33, 1469-1490.	1.3	343
146	Type XIII collagen expression is induced during malignant transformation in various epithelial and mesenchymal tumours. Journal of Pathology, 2005, 207, 324-335.	2.1	34

#	Article	IF	CITATIONS
147	Cytokines and Growth Factors Involved in Peritoneal Fibrosis of Peritoneal Dialysis Patients. International Journal of Artificial Organs, 2005, 28, 129-134.	0.7	23
148	Distinct PKC isoforms mediate cell survival and DNA synthesis in thrombin-induced myofibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L190-L201.	1.3	57
149	Cellular and Molecular Pathways that Lead to Progression and Regression of Renal Fibrogenesis. Current Molecular Medicine, 2005, 5, 467-474.	0.6	69
150	Cytoskeletal Rearrangements in Synovial Fibroblasts as a Novel Pathophysiological Determinant of Modeled Rheumatoid Arthritis. PLoS Genetics, 2005, 1, e48.	1.5	49
151	Angiogenesis Inhibition by Vascular Endothelial Growth Factor Receptor-2 Blockade Reduces Stromal Matrix Metalloproteinase Expression, Normalizes Stromal Tissue, and Reverts Epithelial Tumor Phenotype in Surface Heterotransplants. Cancer Research, 2005, 65, 1294-1305.	0.4	115
152	Inhibition of cardiac myofibroblast formation and collagen synthesis by activation and overexpression of adenylyl cyclase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 437-442.	3.3	191
153	Emerging evidence for the role of cardiotrophin-1 in cardiac repair in the infarcted heart. Cardiovascular Research, 2005, 65, 782-792.	1.8	74
154	Smad2 and Smad3 Play Different Roles in Rat Hepatic Stellate Cell Function and α-Smooth Muscle Actin Organization. Molecular Biology of the Cell, 2005, 16, 4214-4224.	0.9	145
155	YB-1 Coordinates Vascular Smooth Muscle $\hat{l}\pm$ -Actin Gene Activation by Transforming Growth Factor \hat{l}^21 and Thrombin during Differentiation of Human Pulmonary Myofibroblasts. Molecular Biology of the Cell, 2005, 16, 4931-4940.	0.9	51
156	Interstitial fluid flow induces myofibroblast differentiation and collagen alignment in vitro. Journal of Cell Science, 2005, 118, 4731-4739.	1.2	322
157	ADAMTS1 Proteinase Is Up-regulated in Wounded Skin and Regulates Migration of Fibroblasts and Endothelial Cells. Journal of Biological Chemistry, 2005, 280, 23844-23852.	1.6	65
158	Transient Overexpression of TGF- \hat{l}^21 Induces Epithelial Mesenchymal Transition in the Rodent Peritoneum. Journal of the American Society of Nephrology: JASN, 2005, 16, 425-436.	3.0	263
159	Myofibroblasts in Palatal Wound Healing: Prospects for the Reduction of Wound Contraction after Cleft Palate Repair. Journal of Dental Research, 2005, 84, 871-880.	2.5	69
160	An unusual cause of upper gastrointestinal haemorrhage. Gut, 2005, 54, 343-343.	6.1	0
161	Temporal Expression of Alpha–Smooth Muscle Actin and Drebrin in Septal Interstitial Cells during Alveolar Maturation. Journal of Histochemistry and Cytochemistry, 2005, 53, 735-744.	1.3	71
162	So-Called "Inflammatory Leiomyosarcoma― A Series of 3 Cases Providing Additional Insights into a Rare Entity. International Journal of Surgical Pathology, 2005, 13, 185-195.	0.4	30
163	Tenascin-C—coated platinum coils for acceleration of organization of cavities and reduction of lumen size in a rat aneurysm model. Journal of Neurosurgery, 2005, 103, 681-686.	0.9	35
164	Emerging drugs for idiopathic pulmonary fibrosis. Expert Opinion on Emerging Drugs, 2005, 10, 707-727.	1.0	19

#	Article	IF	CITATIONS
165	Na+/Ca2+ Exchanger Activity Modulates Connective Tissue Growth Factor mRNA Expression in Transforming Growth Factor \hat{I}^2I - and Des-Arg10-kallidin-stimulated Myofibroblasts. Journal of Biological Chemistry, 2005, 280, 14378-14384.	1.6	18
166	Human Bladder as a Novel Target for Vitamin D Receptor Ligands. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 962-972.	1.8	98
167	Activation of Key Profibrotic Mechanisms in Transgenic Fibroblasts Expressing Kinase-deficient Type II Transforming Growth Factor-β Receptor (TβRIIΔk). Journal of Biological Chemistry, 2005, 280, 16053-16065.	1.6	58
168	The Chemokines CXCL9, CXCL10, and CXCL11 Differentially Stimulate Gαi-Independent Signaling and Actin Responses in Human Intestinal Myofibroblasts. Journal of Immunology, 2005, 175, 5403-5411.	0.4	70
169	Smooth Muscle Actin Determines Mechanical Force-induced p38 Activation. Journal of Biological Chemistry, 2005, 280, 7273-7284.	1.6	42
170	The N-terminal Ac-EEED sequence plays a role in $\hat{l}\pm$ -smooth-muscle actin incorporation into stress fibers. Journal of Cell Science, 2005, 118, 1395-1404.	1.2	51
171	Novel Fibrogenic Pathways Are Activated in Response to Endothelial Apoptosis: Implications in the Pathophysiology of Systemic Sclerosis. Journal of Immunology, 2005, 174, 5740-5749.	0.4	111
172	PAF-Induced Furin and MT1-MMP Expression Is Independent of MMP-2 Activation in Corneal Myofibroblasts. , 2005, 46, 487.		21
173	Inhibition of Rho kinase modulates radiation induced fibrogenic phenotype in intestinal smooth muscle cells through alteration of the cytoskeleton and connective tissue growth factor expression. Gut, 2005, 54, 336-343.	6.1	98
174	Cancer Therapy Through Control of Cell Migration. Current Cancer Drug Targets, 2005, 5, 505-518.	0.8	20
175	HGF reduces advancing lung fibrosis in mice: a potential role for MMPâ€dependent myofibroblast apoptosis. FASEB Journal, 2005, 19, 1-18.	0.2	153
176	Hydrogen peroxide is a diffusible paracrine signal for the induction of epithelial cell death by activated myofibroblasts. FASEB Journal, 2005, 19, 1-16.	0.2	234
177	Natural Course of Wound Repair Versus Impaired Healing in Chronic Skin Ulcers., 2005,, 7-17.		1
178	Wound-healing defect of CD18 \hat{a} "/ \hat{a} " mice due to a decrease in TGF- \hat{l} 21 and myofibroblast differentiation. EMBO Journal, 2005, 24, 3400-3410.	3.5	142
179	The pro-fibrogenic effect of nerve growth factor on conjunctival fibroblasts is mediated by transforming growth factor-beta. Clinical and Experimental Allergy, 2005, 35, 650-656.	1.4	37
180	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
181	Oxidative Stress in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 417-422.	2.5	372
182	Advances in the Modulation of Cutaneous Wound Healing and Scarring. BioDrugs, 2005, 19, 363-381.	2.2	82

#	Article	IF	CITATIONS
183	Scleroderma: from cell and molecular mechanisms to disease models. Trends in Immunology, 2005, 26, 587-595.	2.9	283
184	Activation of valvular interstitial cells is mediated by transforming growth factor- \hat{l}^21 interactions with matrix molecules. Matrix Biology, 2005, 24, 428-437.	1.5	108
185	Mechanical stretch inhibits myoblast-to-adipocyte differentiation through Wnt signaling. Biochemical and Biophysical Research Communications, 2005, 329, 381-385.	1.0	68
186	Endothelial stress induces the release of vitamin D-binding protein, a novel growth factor. Biochemical and Biophysical Research Communications, 2005, 338, 1374-1382.	1.0	59
187	Hepatic fibrosis and cirrhosis: The (myo)fibroblastic cell subpopulations involved. International Journal of Biochemistry and Cell Biology, 2005, 38, 135-51.	1.2	127
188	Expression of αsmooth muscle actin in lens epithelia from human donors and cataract patients. Experimental Eye Research, 2005, 81, 539-550.	1.2	19
189	Macrophage Migration Inhibitory Factor. American Journal of Pathology, 2005, 167, 1561-1574.	1.9	89
190	Matrix Contraction by Dermal Fibroblasts Requires Transforming Growth Factor-β/Activin-Linked Kinase 5, Heparan Sulfate-Containing Proteoglycans, and MEK/ERK. American Journal of Pathology, 2005, 167, 1699-1711.	1.9	127
191	Modulation of Prosurvival Signaling in Fibroblasts by a Protein Kinase Inhibitor Protects against Fibrotic Tissue Injury. American Journal of Pathology, 2005, 166, 367-375.	1.9	115
192	Regulation of α-Smooth Muscle Actin Expression in Granulation Tissue Myofibroblasts Is Dependent on the Intronic CArG Element and the Transforming Growth Factor-β1 Control Element. American Journal of Pathology, 2005, 166, 1343-1351.	1.9	87
193	Therapeutic Effect of Topical Administration of SN50, an Inhibitor of Nuclear Factor-κB, in Treatment of Corneal Alkali Burns in Mice. American Journal of Pathology, 2005, 166, 1393-1403.	1.9	96
194	Expression of Smad7 in Mouse Eyes Accelerates Healing of Corneal Tissue after Exposure to Alkali. American Journal of Pathology, 2005, 166, 1405-1418.	1.9	120
195	Tenascin-C Regulates Recruitment of Myofibroblasts during Tissue Repair after Myocardial Injury. American Journal of Pathology, 2005, 167, 71-80.	1.9	182
196	K+ Currents Activated by Depolarization in Cardiac Fibroblasts. Biophysical Journal, 2005, 88, 3924-3935.	0.2	76
197	Similarities and differences between induced organ regeneration in adults and early foetal regeneration. Journal of the Royal Society Interface, 2005, 2, 403-417.	1.5	70
198	Engineering Heart Tissue for In Vitro and In Vivo Studies. , 2005, , 640-658.		0
199	Chapter 14 Proteomics and remodeling of extracellular matrix in lung diseases. Comprehensive Analytical Chemistry, 2005, 46, 535-556.	0.7	0
200	Shared expression of phenotypic markers in systemic sclerosis indicates a convergence of pericytes and fibroblasts to a myofibroblast lineage in fibrosis. Arthritis Research and Therapy, 2005, 7, R1113.	1.6	198

#	Article	IF	CITATIONS
201	The Mechanistic Basis of Infarct Healing. Antioxidants and Redox Signaling, 2006, 8, 1907-1939.	2.5	249
202	Idiopathic Pulmonary Fibrosis. Treatments in Respiratory Medicine, 2006, 5, 325-342.	1.4	45
203	Regulation of Fibrosis by the Immune System. Advances in Immunology, 2006, 89, 245-288.	1.1	79
204	Loss of Tumor Necrosis Factor α Potentiates Transforming Growth Factor β-mediated Pathogenic Tissue Response during Wound Healing. American Journal of Pathology, 2006, 168, 1848-1860.	1.9	78
205	Decreased Collagen Production in Chronologically Aged Skin. American Journal of Pathology, 2006, 168, 1861-1868.	1.9	640
206	Influence of Endothelial Cells on Vascular Smooth Muscle Cells Phenotype after Irradiation. American Journal of Pathology, 2006, 169, 1484-1495.	1.9	125
207	Platelet-Derived Growth Factor-β Receptor Activation Is Essential for Fibroblast and Pericyte Recruitment during Cutaneous Wound Healing. American Journal of Pathology, 2006, 169, 2254-2265.	1.9	168
208	Multiple roles ofÂα-smooth muscle actin in mechanotransduction. Experimental Cell Research, 2006, 312, 205-214.	1.2	155
209	The origins and regulation of tissue tension: Identification of collagen tension-fixation process in vitro. Experimental Cell Research, 2006, 312, 423-433.	1.2	55
210	Multiple signaling pathways mediate compaction of collagen matrices by EGF-stimulated fibroblasts. Experimental Cell Research, 2006, 312, 1970-1982.	1.2	22
211	Cardiac Hypertrophy: Molecular and Cellular Events. Revista Espanola De Cardiologia (English Ed), 2006, 59, 473-486.	0.4	37
213	Functional and phenotypical comparison of myofibroblasts derived from biopsies and bronchoalveolar lavage in mild asthma and scleroderma. Respiratory Research, 2006, 7, 11.	1.4	44
214	Tissue fibrocytes in patients with mild asthma: A possible link to thickness of reticular basement membrane?. Respiratory Research, 2006, 7, 50.	1.4	122
215	Microfabricated three-dimensional environments for single cell studies. Biointerphases, 2006, 1, P1-P4.	0.6	37
216	The CC chemokine eotaxin/CCL11 has a selective profibrogenic effect on human lung fibroblasts. Journal of Allergy and Clinical Immunology, 2006, 117, 103-110.	1.5	89
217	Mechanisms of liver fibrosis: New insights into an old problem. Drug Discovery Today Disease Mechanisms, 2006, 3, 489-495.	0.8	13
218	Cardiac fibroblasts: friend or foe?. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1015-H1026.	1.5	367
219	Specific Haptoglobin Expression in Bronchoalveolar Lavage during Differentiation of Circulating Fibroblast Progenitor Cells in Mild Asthma. Journal of Proteome Research, 2006, 5, 1479-1483.	1.8	39

#	Article	IF	CITATIONS
220	Nerve growth factor effect on human primary fibroblastic-keratocytes: Possible mechanism during corneal healing. Experimental Eye Research, 2006, 83, 747-757.	1.2	62
221	Matrix Elasticity Directs Stem Cell Lineage Specification. Cell, 2006, 126, 677-689.	13.5	11,769
222	Dynamic changes in chromatin acetylation and the expression of histone acetyltransferases and histone deacetylases regulate the SM22 $\hat{1}$ ± transcription in response to Smad3-mediated TGF $\hat{1}$ 21 signaling. Biochemical and Biophysical Research Communications, 2006, 348, 351-358.	1.0	51
223	Alterations inÂcultured myocardial fibroblast function following theÂdevelopment ofÂleft ventricular failure. Journal of Molecular and Cellular Cardiology, 2006, 40, 474-483.	0.9	44
225	p38 Inhibitors Prevent TGF-β–Induced Myofibroblast Transdifferentiation in Human Tenon Fibroblasts. , 2006, 47, 1500.		122
227	Hematopoietic origin of fibroblasts/myofibroblasts: its pathophysiologic implications. Blood, 2006, 108, 2893-2896.	0.6	127
228	Extended lifespan and long telomeres in rectal fibroblasts from late-onset ulcerative colitis patients. European Journal of Gastroenterology and Hepatology, 2006, 18, 133-141.	0.8	12
229	Contraction of myofibroblasts in granulation tissue is dependent on Rho/Rho kinase/myosin light chain phosphatase activity. Wound Repair and Regeneration, 2006, 14, 313-320.	1.5	86
230	Administration of prednisolone phosphate?liposomes reduces wound contraction in a rat partial-thickness wound model. Wound Repair and Regeneration, 2006, 14, 602-607.	1.5	15
231	Elucidating the mechanism of wound contraction: Rapid versus sustained myosin ATPase activity in attached-delayed-released compared with free-floating fibroblast-populated collagen lattices. Wound Repair and Regeneration, 2006, 14, 625-632.	1.5	18
232	Transforming Growth Factor-beta1 Induces Trans differentiation of Fibroblasts into Myofibroblasts in Hypoxic Pulmonary Vascular Remodeling. Acta Biochimica Et Biophysica Sinica, 2006, 38, 29-36.	0.9	24
233	Fibroblasts in cancer. Nature Reviews Cancer, 2006, 6, 392-401.	12.8	3,978
234	Capturing complex 3D tissue physiology in vitro. Nature Reviews Molecular Cell Biology, 2006, 7, 211-224.	16.1	2,002
235	TGF \hat{I}^2 pathobiology in the eye. Laboratory Investigation, 2006, 86, 106-115.	1.7	241
236	Novel Functions of Intracellular IL-1ra in Human Dermal Fibroblasts: Implications in the Pathogenesis of Fibrosis. Journal of Investigative Dermatology, 2006, 126, 756-765.	0.3	29
237	IL-6 Modulates Alpha-Smooth Muscle Actin Expression in Dermal Fibroblasts from IL-6-Deficient Mice. Journal of Investigative Dermatology, 2006, 126, 561-568.	0.3	115
238	Delayed Wound Healing and Epidermal Hyperproliferation in Mice Lacking JunB in the Skin. Journal of Investigative Dermatology, 2006, 126, 902-911.	0.3	63
239	A TGF-Î ² 1-Dependent Autocrine Loop Regulates the Structure of Focal Adhesions in Hypertrophic Scar Fibroblasts. Journal of Investigative Dermatology, 2006, 126, 963-970.	0.3	33

#	Article	IF	CITATIONS
240	Upregulation of TGF- \hat{l}^21 Expression May Be Necessary but Is Not Sufficient for Excessive Scarring. Journal of Investigative Dermatology, 2006, 126, 1168-1176.	0.3	80
241	Intracellular TGF- \hat{l}^2 Receptor Blockade Abrogates Smad-Dependent Fibroblast Activation In Vitro and In Vivo. Journal of Investigative Dermatology, 2006, 126, 1733-1744.	0.3	81
242	Isoform-Specific Regulation of the Actin-Organizing Protein Palladin during TGF-Î ² 1-Induced Myofibroblast Differentiation. Journal of Investigative Dermatology, 2006, 126, 2387-2396.	0.3	83
243	Mechanical Tension and Integrin $\hat{l}\pm2\hat{l}^21$ Regulate Fibroblast Functions. Journal of Investigative Dermatology Symposium Proceedings, 2006, 11, 66-72.	0.8	121
244	CD18 in Monogenic and Polygenic Inflammatory Processes of the Skin. Journal of Investigative Dermatology Symposium Proceedings, 2006, 11, 7-15.	0.8	16
245	Granulocyte–Macrophage Colony-Stimulating Factor Is Essential for Normal Wound Healing. Journal of Investigative Dermatology Symposium Proceedings, 2006, 11, 87-92.	0.8	45
246	Induction of the myofibroblastic phenotype in human gingival fibroblasts by transforming growth factor- \hat{l}^21 : role of RhoA-ROCK and c-Jun N-terminal kinase signaling pathways. Journal of Periodontal Research, 2006, 41, 418-425.	1.4	44
247	Bovine chondrocyte behaviour in three-dimensional type I collagen gel in terms of gel contraction, proliferation and gene expression. Biomaterials, 2006, 27, 79-90.	5.7	108
248	Dense fibrillar collagen matrices: A model to study myofibroblast behaviour during wound healing. Biomaterials, 2006, 27, 4443-4452.	5.7	68
249	Improved surgical mesh integration into the rat abdominal wall with arginine administration. Biomaterials, 2006, 27, 758-768.	5.7	16
250	Bone Marrow Lacks a Transplantable Progenitor for Smooth Muscle Type α-Actin-Expressing Cells. Stem Cells, 2006, 24, 13-22.	1.4	63
251	Following the TRAIL to Apoptosis. Immunologic Research, 2006, 35, 249-262.	1.3	43
252	Mechanisms of Interstitial Flow-Induced Remodeling of Fibroblast–Collagen Cultures. Annals of Biomedical Engineering, 2006, 34, 446-454.	1.3	97
253	Healing and Normal Fibroblasts Exhibit Differential Proliferation, Collagen Production, α-SMA Expression, and Contraction. Annals of Biomedical Engineering, 2006, 34, 653-659.	1.3	32
254	Cellular and Matrix Contributions to Tissue Construct Stiffness Increase with Cellular Concentration. Annals of Biomedical Engineering, 2006, 34, 1475-1482.	1.3	41
255	Microstructural Characteristics of Extracellular Matrix Produced by Stromal Fibroblasts. Annals of Biomedical Engineering, 2006, 34, 1615-1627.	1.3	29
256	Fibroblast spreading induced by connective tissue stretch involves intracellular redistribution of \hat{l}_{\pm} and \hat{l}_{\pm} and \hat{l}_{\pm} are tin. Histochemistry and Cell Biology, 2006, 125, 487-495.	0.8	55
257	The common bile duct ligation in rat: a relevant in vivo model to study the role of mechanical stress on cell and matrix behaviour. Histochemistry and Cell Biology, 2006, 126, 517-523.	0.8	23

#	Article	IF	CITATIONS
258	On the application of strain factors for approximation of the contribution of anisotropic cells to the mechanics of a tissue construct. Journal of Biomechanics, 2006, 39, 2145-2151.	0.9	13
259	Osteopontin expression in coculture of differentiating rat fetal skeletal fibroblasts and myoblasts. In Vitro Cellular and Developmental Biology - Animal, 2006, 42, 4-7.	0.7	23
260	A novel form of epithelial wound healing of the embryonic epidermis. Experimental Cell Research, 2006, 312, 2415-2423.	1.2	7
261	P311-induced myofibroblasts exhibit ameboid-like migration through RalA activation. Experimental Cell Research, 2006, 312, 3432-3442.	1.2	35
262	Endothelial Apoptosis and Chronic Transplant Vasculopathy: Recent Results, Novel Mechanisms. American Journal of Transplantation, 2006, 6, 247-253.	2.6	77
263	Myofibroblast Transdifferentiation in Obliterative Bronchiolitis: TGF-β Signaling Through Smad3-Dependent and -Independent Pathways. American Journal of Transplantation, 2006, 6, 2080-2088.	2.6	60
264	Hematopoietic origins of fibroblasts: II. In vitro studies of fibroblasts, CFU-F, and fibrocytes. Experimental Hematology, 2006, 34, 219-229.	0.2	109
265	Wound healing: Immunological aspects. Injury, 2006, 37, S5-S12.	0.7	131
266	Differential involvement of the integrin-linked kinase (ILK) in RhoA-dependent rearrangement of F-actin fibers and induction of connective tissue growth factor (CTGF). Cellular Signalling, 2006, 18, 433-440.	1.7	49
267	Masters and servants of the force: The role of matrix adhesions in myofibroblast force perception and transmission. European Journal of Cell Biology, 2006, 85, 175-181.	1.6	243
268	Cell columns in articular cartilage physes questioned: a review. Osteoarthritis and Cartilage, 2006, 14, 3-12.	0.6	15
269	Contractile Cells and Fibrillin-1 Distribution is Disturbed in Terminal Villi of Placentae from Patients with Preeclampsia and Systemic Lupus Erythematosus. Placenta, 2006, 27, 234-243.	0.7	7
270	Radial artery as an autologous cell source for valvular tissue engineering efforts. Journal of Biomedical Materials Research - Part A, 2006, 78A, 383-393.	2.1	5
271	Complex dependence of substrate stiffness and serum concentration on cell-force generation. Journal of Biomedical Materials Research - Part A, 2006, 78A, 407-415.	2.1	32
272	Adrenomedullin gene transfer induces neointimal apoptosis and inhibits neointimal hyperplasia in injured rat artery. Journal of Gene Medicine, 2006, 8, 452-458.	1.4	7
273	Phenotypic Modulation of Intima and Media Smooth Muscle Cells in Fatal Cases of Coronary Artery Lesion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 326-332.	1.1	113
274	Extracellular Matrix Remodeling by Dynamic Strain in a Three-Dimensional Tissue-Engineered Human Airway Wall Model. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 306-313.	1.4	88
275	Smad3 deficiency alters key structural elements of the extracellular matrix and mechanotransduction of wound closure. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9250-9255.	3.3	68

#	Article	IF	CITATIONS
276	Epithelial-Mesenchymal Interactions in Pulmonary Fibrosis. Seminars in Respiratory and Critical Care Medicine, 2006, 27, 600-612.	0.8	109
277	P21-activated kinase 1: convergence point in PDGF- and LPA-stimulated collagen matrix contraction by human fibroblasts. Journal of Cell Biology, 2006, 172, 423-432.	2.3	65
278	FAKâ€dependent regulation of myofibroblast differentiation. FASEB Journal, 2006, 20, 1006-1008.	0.2	74
279	Focal adhesion size controls tension-dependent recruitment of α-smooth muscle actin to stress fibers. Journal of Cell Biology, 2006, 172, 259-268.	2.3	625
280	Acidic fibroblast growth factor decreases α-smooth muscle actin expression and induces apoptosis in human normal lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L871-L879.	1.3	59
281	Identification of fibroblast heterogeneity in the tumor microenvironment. Cancer Biology and Therapy, 2006, 5, 1640-1646.	1.5	603
282	Type VI collagen induces cardiac myofibroblast differentiation: implications for postinfarction remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H323-H330.	1.5	138
283	Involvement of Mesangial Cells Expressing α-Smooth Muscle Actin During Restorative Glomerular Remodeling in Thy-1.1 Nephritis. Journal of Histochemistry and Cytochemistry, 2006, 54, 1291-1301.	1.3	23
284	Deletion of Smooth Muscle α-Actin Alters Blood–Retina Barrier Permeability and Retinal Function. , 2006, 47, 2693.		33
285	Contractility as a Prerequisite for TGF-β–Induced Myofibroblast Transdifferentiation in Human Tenon Fibroblasts. , 2006, 47, 4895.		99
286	Impact of Transforming Growth Factor- \hat{l}^21 on Atrioventricular Node Conduction Modification by Injected Autologous Fibroblasts in the Canine Heart. Circulation, 2006, 113, 2485-2494.	1.6	58
287	Smooth Muscle Cell. Circulation Research, 2006, 98, 448-449.	2.0	7
288	Renal Fibroblasts and Myofibroblasts in Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2006, 17, 2992-2998.	3.0	285
289	Implant Degradation and Poor Healing After Endovascular Repair of Abdominal Aortic Aneurysms: An Analysis of Explanted Stent-Grafts. Journal of Endovascular Therapy, 2006, 13, 457-467.	0.8	51
290	Urokinase Plasminogen Activator in Injured Adventitia Increases the Number of Myofibroblasts and Augments Early Proliferation. Journal of Vascular Research, 2006, 43, 437-446.	0.6	20
291	Constitutive ALK5-Independent c-Jun N-Terminal Kinase Activation Contributes to Endothelin-1 Overexpression in Pulmonary Fibrosis: Evidence of an Autocrine Endothelin Loop Operating through the Endothelin A and B Receptors. Molecular and Cellular Biology, 2006, 26, 5518-5527.	1.1	154
292	Perlecan Proteolysis Induces an $\hat{l}\pm2\hat{l}^21$ Integrin- and Src Family Kinase-dependent Anti-apoptotic Pathway in Fibroblasts in the Absence of Focal Adhesion Kinase Activation. Journal of Biological Chemistry, 2006, 281, 30383-30392.	1.6	62
293	Follicular Dendritic Cells Are Related to Bone Marrow Stromal Cell Progenitors and to Myofibroblasts. Journal of Immunology, 2006, 177, 280-289.	0.4	117

#	Article	IF	CITATIONS
294	Interleukin-8 Secretion by Fibroblasts Induced by Low Density Lipoproteins Is p38 MAPK-dependent and Leads to Cell Spreading and Wound Closure*. Journal of Biological Chemistry, 2006, 281, 199-205.	1.6	39
295	5–Fluoroorotic Acid. , 2005, , 587-587.		0
296	Smooth Muscle α-Actin Deficiency in Myofibroblasts Leads to Enhanced Renal Tissue Fibrosis. Journal of Biological Chemistry, 2006, 281, 40193-40200.	1.6	62
297	Focal Adhesions in (Myo)fibroblasts Scaffold Adenylyl Cyclase with Phosphorylated Caveolin. Journal of Biological Chemistry, 2006, 281, 17173-17179.	1.6	83
298	Fluorescence Correlation Spectroscopy., 2005,, 576-578.		2
299	What Is the Future of Diabetic Wound Care?. The Diabetes Educator, 2006, 32, 197-210.	2.6	50
300	Osteopontin and Mucosal Protection. Journal of Dental Research, 2006, 85, 404-415.	2.5	69
301	Relationships between Transforming Growth Factor- \hat{l}^21 , Myostatin, and Decorin. Journal of Biological Chemistry, 2007, 282, 25852-25863.	1.6	231
302	$\widehat{Gl}\pm 12/13$ -mediated Up-regulation of TRPC6 Negatively Regulates Endothelin-1-induced Cardiac Myofibroblast Formation and Collagen Synthesis through Nuclear Factor of Activated T Cells Activation*. Journal of Biological Chemistry, 2007, 282, 23117-23128.	1.6	126
303	A new microrheometric approach reveals individual and cooperative roles for TGFâ€Î²1 and ILâ€1β in fibroblastâ€mediated stiffening of collagen gels. FASEB Journal, 2007, 21, 2064-2073.	0.2	52
304	Early Fetal Healing as a Model for Adult Organ Regeneration. Tissue Engineering, 2007, 13, 1789-1798.	4.9	39
305	Differential and combined effects of cardiotrophin-1 and TGF- \hat{l}^21 on cardiac myofibroblast proliferation and contraction. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1053-H1064.	1.5	33
306	Atrial cardiomyocyte tachycardia alters cardiac fibroblast function: A novel consideration in atrial remodelinga~†. Cardiovascular Research, 2007, 76, 442-452.	1.8	136
307	TGF-Î ² -regulated collagen type I accumulation: role of Src-based signals. American Journal of Physiology - Cell Physiology, 2007, 292, C1361-C1369.	2.1	68
308	A critical role of serum response factor in myofibroblast differentiation during experimental oesophageal ulcer healing in rats. Gut, 2007, 56, 621-630.	6.1	48
309	Effect of overexpression of ppar \hat{l}^3 on the healing process of corneal alkali burn in mice. American Journal of Physiology - Cell Physiology, 2007, 293, C75-C86.	2.1	67
310	Activation of PPAR $\hat{\Gamma}$ inhibits cardiac fibroblast proliferation and the transdifferentiation into myofibroblasts. Cardiovascular Research, 2007, 75, 519-529.	1.8	94
311	Effects of endothelin-1 on fibroblasts from type 2 diabetic patients: Possible role in wound healing and tissue repair. Growth Factors, 2007, 25, 392-399.	0.5	13

#	ARTICLE	IF	CITATIONS
312	Current and emerging drugs for idiopathic pulmonary fibrosis. Expert Opinion on Emerging Drugs, 2007, 12, 627-646.	1.0	20
313	Pathogenesis of Idiopathic Pulmonary Fibrosis. , 2007, 36, 101-109.		0
314	Differential Effects of EGF and TGF- \hat{l}^21 on Fibroblast Activity in Fibrin-Based Tissue Equivalents. Tissue Engineering, 2007, 13, 799-807.	4.9	19
315	Involvement of Hyaluronan in Regulation of Fibroblast Phenotype. Journal of Biological Chemistry, 2007, 282, 25687-25697.	1.6	126
316	c-Kit Dysfunction Impairs Myocardial Healing After Infarction. Circulation, 2007, 116, 177-82.	1.6	60
317	Urokinase Receptor Cleavage: A Crucial Step in Fibroblast-to-Myofibroblast Differentiation. Molecular Biology of the Cell, 2007, 18, 2716-2727.	0.9	86
318	Role of Heat Shock Protein 47, a Collagen-Binding Chaperone, in Lacrimal Gland Pathology in Patients with cGVHD., 2007, 48, 1079.		36
319	Characterization of Arecoline-Induced Effects on Cytotoxicity in Normal Human Gingival Fibroblasts by Global Gene Expression Profiling. Toxicological Sciences, 2007, 100, 66-74.	1.4	64
320	<i>In vivo</i> Imaging of the Systemic Recruitment of Fibroblasts to the Angiogenic Rim of Ovarian Carcinoma Tumors. Cancer Research, 2007, 67, 9180-9189.	0.4	90
321	Common and unique mechanisms regulate fibrosis in various fibroproliferative diseases. Journal of Clinical Investigation, 2007, 117, 524-529.	3.9	1,235
322	Collagen gel contractility is enhanced in human endometriotic stromal cells: a possible mechanism underlying the pathogenesis of endometriosis-associated fibrosis. Human Reproduction, 2007, 22, 938-944.	0.4	61
323	Effects of Cigarette Smoke in Mice Wound Healing is Strain Dependent. Toxicologic Pathology, 2007, 35, 890-896.	0.9	34
324	Microtubule function in fibroblast spreading is modulated according to the tension state of cell-matrix interactions. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5425-5430.	3.3	142
325	Retrograde Fluxes of Focal Adhesion Proteins in Response to Cell Migration and Mechanical Signals. Molecular Biology of the Cell, 2007, 18, 4519-4527.	0.9	89
326	Paucity of Pericytes in Germinal Matrix Vasculature of Premature Infants. Journal of Neuroscience, 2007, 27, 12012-12024.	1.7	123
327	Force activates smooth muscle \hat{l} ±-actin promoter activity through the Rho signaling pathway. Journal of Cell Science, 2007, 120, 1801-1809.	1.2	287
328	p21 ^{waf1/cip1/sdi1} as a Central Regulator of Inducible Smooth Muscle Actin Expression and Differentiation of Cardiac Fibroblasts to Myofibroblasts. Molecular Biology of the Cell, 2007, 18, 4837-4846.	0.9	40
329	Effects of the Protein Kinase Inhibitor, Imatinib Mesylate, on Epithelial/Mesenchymal Phenotypes: Implications for Treatment of Fibrotic Diseases. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 35-44.	1.3	56

#	Article	IF	CITATIONS
331	ACE2 overexpression inhibits hypoxia-induced collagen production by cardiac fibroblasts. Clinical Science, 2007, 113, 357-364.	1.8	89
332	Yin and Yang in Cytokine Regulation of Corneal Wound Healing. Cornea, 2007, 26, S70-S74.	0.9	44
333	Inhibition of Rho-Kinase Impairs Fibroblast Stress Fiber Formation, Confluence, and Contractility In Vitro. Journal of Burn Care and Research, 2007, 28, 507-513.	0.2	10
334	Vitamin D and vascular calcification. Current Opinion in Lipidology, 2007, 18, 41-46.	1.2	157
335	Myofibroblast Upregulators are Elevated in Joint Capsules in Posttraumatic Contractures. Clinical Orthopaedics and Related Research, 2007, 456, 85-91.	0.7	68
336	TGF-Î ² - and CTGF-mediated fibroblast recruitment influences early outward vein graft remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H482-H488.	1.5	37
337	Central (intraosseous) myofibroma of the mandible: clinical, radiologic, and histopathologic features of a rare lesion. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 103, e45-e53.	1.6	35
338	Cellular diversity of human placental stem villi: An ultrastructural and immunohistochemical study. Acta Histochemica, 2007, 109, 468-479.	0.9	21
339	The fibronectin synergy site modulates TGF- \hat{l}^2 -dependent fibroblast contraction. Biochemical and Biophysical Research Communications, 2007, 360, 709-714.	1.0	30
340	Changes in the balance of the tissue inhibitor of matrix metalloproteinases (TIMPs)-1 and -3 may promote keratocyte apoptosis in keratoconus. Experimental Eye Research, 2007, 84, 1125-1134.	1.2	72
341	Fibrogenic cell fate during fibrotic tissue remodelling observed in rat and human cultured liver slices. Journal of Hepatology, 2007, 46, 142-150.	1.8	43
342	The plant pathogenesis related protein GLIPR-2 is highly expressed in fibrotic kidney and promotes epithelial to mesenchymal transition in vitro. Matrix Biology, 2007, 26, 20-29.	1.5	29
343	Altered extracellular matrix transcript expression and protein modulation in primary Duchenne muscular dystrophy myotubes. Matrix Biology, 2007, 26, 615-624.	1.5	77
344	Ito Cells, Stellate Cells, and Myofibroblasts: New Actors in Antigen Presentation. Immunity, 2007, 26, 9-10.	6.6	26
345	\hat{l} ±8 Integrin overexpression in de-differentiated vascular smooth muscle cells attenuates migratory activity and restores the characteristics of the differentiated phenotype. Atherosclerosis, 2007, 195, 303-312.	0.4	40
346	Beyond the epithelium: Cadherin function in fibrous connective tissues. FEBS Letters, 2007, 581, 167-174.	1.3	29
347	Accelerated Wound Closure in Mice Deficient for Interleukin-10. American Journal of Pathology, 2007, 170, 188-202.	1.9	158
348	The Myofibroblast. American Journal of Pathology, 2007, 170, 1807-1816.	1.9	1,782

#	Article	IF	CITATIONS
349	Inhibitor of Differentiation 1 Promotes Endothelial Survival in a Bleomycin Model of Lung Injury in Mice. American Journal of Pathology, 2007, 171, 1113-1126.	1.9	26
350	Thy-1 Is Expressed in Hepatic Myofibroblasts and Not Oval Cells in Stem Cell-Mediated Liver Regeneration. American Journal of Pathology, 2007, 171, 1529-1537.	1.9	66
351	Phenotypic transitions and fibrosis in diabetic nephropathy. Kidney International, 2007, 71, 846-854.	2.6	164
352	Soft matters in cell adhesion: rigidity sensing on soft elastic substrates. Soft Matter, 2007, 3, 263-266.	1.2	66
353	Fibroblast Differentiation in Wound Healing and Fibrosis. International Review of Cytology, 2007, 257, 143-179.	6.2	449
354	Fibrosis in connective tissue disease: the role of the myofibroblast and fibroblast-epithelial cell interactions. Arthritis Research and Therapy, 2007, 9, S4.	1.6	121
355	Actin stress fibres. Journal of Cell Science, 2007, 120, 3491-3499.	1.2	616
356	Cardiac Hypertrophy: Mechanisms and Therapeutic Opportunities. Antioxidants and Redox Signaling, 2007, 9, 623-652.	2.5	89
357	Myofibroblast contraction activates latent TGF- \hat{l}^21 from the extracellular matrix. Journal of Cell Biology, 2007, 179, 1311-1323.	2.3	1,118
358	Induction of Myofibroblastic Differentiation <i>In Vitro</i> by Covalently Immobilized Transforming Growth Factor-β ₁ . Tissue Engineering, 2007, 13, 2751-2760.	4.9	14
359	Native Human IFN-αIs a More Potent Suppressor of HDF Response to Profibrotic Stimuli Than Recombinant Human IFN-α. Journal of Interferon and Cytokine Research, 2007, 27, 481-490.	0.5	4
360	The Effect of Cell–Matrix Interactions and Aging on the Malignant Process. Advances in Cancer Research, 2007, 98, 221-259.	1.9	24
361	Adult Mouse Myometrial Label-Retaining Cells Divide in Response to Gonadotropin Stimulation. Stem Cells, 2007, 25, 1317-1325.	1.4	87
362	Cell Mechanics: Integrating Cell Responses to Mechanical Stimuli. Annual Review of Biomedical Engineering, 2007, 9, 1-34.	5.7	545
363	Role of vitronectin and fibronectin receptors in oral mucosal and dermal myofibroblast differentiation. Biology of the Cell, 2007, 99, 601-614.	0.7	52
364	Cell Responses to Biomimetic Protein Scaffolds Used in Tissue Repair and Engineering. International Review of Cytology, 2007, 262, 75-150.	6.2	123
365	Emodin Suppression of Ocular Surface Inflammatory Reaction. , 2007, 48, 5013.		49
366	Potential Role of Rho-Associated Protein Kinase Inhibitor Y-27632 in Glaucoma Filtration Surgery. , 2007, 48, 5549.		119

#	ARTICLE	IF	Citations
368	Engineering Functional Collagen Scaffolds: Cyclical Loading Increases Material Strength and Fibril Aggregation. Advanced Functional Materials, 2007, 17, 2426-2431.	7.8	50
369	Collagen stiffness regulates cellular contraction and matrix remodeling gene expression. Journal of Biomedical Materials Research - Part A, 2007, 83A, 887-894.	2.1	100
370	Protein adsorption onto polyester surfaces: Is there a need for surface activation?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 80B, 121-130.	1.6	49
371	Polarized protein membrane for high cell seeding efficiency. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 83B, 472-480.	1.6	7
372	Fibrosis and cancer: Do myofibroblasts come also from epithelial cells via EMT?. Journal of Cellular Biochemistry, 2007, 101, 830-839.	1.2	307
373	Evidence that PI3K, Rac, Rho, and Rho kinase are involved in basic fibroblast growth factor-stimulated fibroblast–Collagen matrix contraction. Journal of Cellular Biochemistry, 2007, 102, 1290-1299.	1.2	30
374	Notch2 negatively regulates myofibroblastic differentiation of myoblasts. Journal of Cellular Physiology, 2007, 210, 358-369.	2.0	55
375	The participation of the Na+–Ca2+ exchanger in primary cardiac myofibroblast migration, contraction, and proliferation. Journal of Cellular Physiology, 2007, 213, 540-551.	2.0	41
376	Alpha-smooth muscle actin expression enhances cell traction force. Cytoskeleton, 2007, 64, 248-257.	4.4	97
377	Lowâ€level light stimulates excisional wound healing in mice. Lasers in Surgery and Medicine, 2007, 39, 706-715.	1.1	152
378	Mechanisms of 3-D migration and matrix remodeling of fibroblasts within artificial ECMs. Acta Biomaterialia, 2007, 3, 615-629.	4.1	94
379	Material-based regulation of the myofibroblast phenotype. Biomaterials, 2007, 28, 3378-3387.	5 . 7	61
380	Self-assembled collagen–human mesenchymal stem cell microspheres for regenerative medicine. Biomaterials, 2007, 28, 4652-4666.	5.7	158
381	Ultra-rapid engineered collagen constructs tested in anin vivo nursery site. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 192-198.	1.3	54
382	A new and evolving paradigm for biocompatibility. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 110-119.	1.3	79
383	Gremlin localization and expression levels partially differentiate idiopathic interstitial pneumonia severity and subtype. Journal of Pathology, 2008, 214, 456-463.	2.1	39
384	Role of CEACAM1 isoforms in an in vivo model of mammary morphogenesis: mutational analysis of the cytoplasmic domain of CEACAM1-4S reveals key residues involved in lumen formation. Oncogene, 2007, 26, 7637-7646.	2.6	38
385	Inflammatory cytokines induce the transformation of human dermal microvascular endothelial cells into myofibroblasts: a potential role in skin fibrogenesis. Journal of Cutaneous Pathology, 2007, 34, 146-153.	0.7	94

#	Article	IF	Citations
386	Collagenase-3 (MMP-13) Enhances Remodeling of Three-Dimensional Collagen and Promotes Survival of Human Skin Fibroblasts. Journal of Investigative Dermatology, 2007, 127, 49-59.	0.3	51
387	Integrin $\hat{1}\pm2\hat{1}^21$ Is Required for Regulation of Murine Wound Angiogenesis but Is Dispensable for Reepithelialization. Journal of Investigative Dermatology, 2007, 127, 467-478.	0.3	113
388	Formation and Function of the Myofibroblast during Tissue Repair. Journal of Investigative Dermatology, 2007, 127, 526-537.	0.3	1,277
389	Keratinocyte–Fibroblast Interactions in Wound Healing. Journal of Investigative Dermatology, 2007, 127, 998-1008.	0.3	995
390	TNF-α Suppresses α-Smooth Muscle Actin Expression in Human Dermal Fibroblasts: An Implication for Abnormal Wound Healing. Journal of Investigative Dermatology, 2007, 127, 2645-2655.	0.3	168
391	Loss of osteopontin perturbs the epithelial-mesenchymal transition in an injured mouse lens epithelium. Laboratory Investigation, 2007, 87, 130-138.	1.7	30
392	Relationship between the distribution of myofibroblasts, and stellar and circular scar formation due to the contraction of square and circular wound healing. Anatomical Science International, 2007, 82, 147-155.	0.5	16
393	Interleukin-6 (IL-6) modulates migration and matrix metalloproteinase function in dermal fibroblasts from IL-6KO mice. British Journal of Dermatology, 2007, 156, 1163-1171.	1.4	87
394	Enhanced osteopontin expression in a murine model of allergenâ€induced airway remodelling. Clinical and Experimental Allergy, 2007, 37, 1444-1454.	1.4	52
395	Basic fibroblast growth factor in an artificial dermis promotes apoptosis and inhibits expression of ?-smooth muscle actin, leading to reduction of wound contraction. Wound Repair and Regeneration, 2007, 15, 378-389.	1.5	74
396	Stromal progenitor cell therapy corrects the woundâ€healing defect in the ischemic rabbit ear model of chronic wound repair. Wound Repair and Regeneration, 2007, 15, 736-747.	1.5	17
397	Effects of negative pressure wound therapy on fibroblast viability, chemotactic signaling, and proliferation in a provisional wound (fibrin) matrix. Wound Repair and Regeneration, 2007, 15, 838-846.	1.5	129
398	Regulation of fibroblast functions by lysophospholipid mediators: Potential roles in wound healing. Wound Repair and Regeneration, 2007, 15, 607-616.	1.5	103
399	Persistent ischemia impairs myofibroblast development in wound granulation tissue: A new model of delayed wound healing. Wound Repair and Regeneration, 2007, 15, 809-816.	1.5	36
400	Intravital insights in skin wound healing using the mouse dorsal skin fold chamber. Journal of Anatomy, 2007, 211, 810-818.	0.9	69
401	Stromal myofibroblasts in central giant cell granuloma of the jaws cannot distinguish between nonâ€aggressive and aggressive lesions. Journal of Oral Pathology and Medicine, 2007, 36, 495-500.	1.4	27
402	Histone deacetylase 4 is required for $TGF\hat{l}^21$ -induced myofibroblastic differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1572-1582.	1.9	145
403	Combinatorial activation of FAK and AKT by transforming growth factor \hat{l}^21 confers an anoikis-resistant phenotype to myofibroblasts. Cellular Signalling, 2007, 19, 761-771.	1.7	220

#	Article	IF	CITATIONS
404	Mechanotransduction of keratinocytes in culture and in the epidermis. European Journal of Cell Biology, 2007, 86, 807-816.	1.6	73
405	Enhancement by PL 14736 of granulation and collagen organization in healing wounds and the potential role of egr-1 expression. European Journal of Pharmacology, 2007, 570, 212-221.	1.7	90
406	Identification and characterization of cells with high angiogenic potential and transitional phenotype in calcific aortic valve. Experimental Cell Research, 2007, 313, 2326-2335.	1.2	20
407	Fibrosin, a novel fibrogenic cytokine, modulates expression of myofibroblasts. Experimental and Molecular Pathology, 2007, 82, 42-48.	0.9	8
408	The myofibroblast: phenotypic characterization as a prerequisite to understanding its functions in translational medicine. Journal of Cellular and Molecular Medicine, 2008, 12, 22-37.	1.6	207
409	Stromal myofibroblasts and malignant transformation in a 4NQO rat tongue carcinogenesis model. Oral Oncology, 2007, 43, 999-1006.	0.8	39
410	Evidence for a Role of TGF- $\hat{1}^21$ in the Expression and Regulation of $\hat{1}_\pm$ -SMA in Fetal Growth Restricted Placentae. Placenta, 2007, 28, 1123-1132.	0.7	17
411	Fibroblast mechanics in 3D collagen matricesâ [*] †. Advanced Drug Delivery Reviews, 2007, 59, 1299-1305.	6.6	161
412	Early Postoperative Oral Feeding Accelerates Upper Gastrointestinal Anastomotic Healing in the Rat Model. World Journal of Surgery, 2007, 31, 1236-1241.	0.8	47
413	Cell traction force and measurement methods. Biomechanics and Modeling in Mechanobiology, 2007, 6, 361-371.	1.4	226
415	The contractile segment of the abneural limbus in the gecko cochlea is enriched in vimentin. Cell and Tissue Research, 2007, 330, 405-412.	1.5	2
416	Scleroderma - news to tell. Archives of Dermatological Research, 2007, 299, 139-144.	1.1	6
417	New developments in fibroblast and myofibroblast biology: Implications for fibrosis and scleroderma. Current Rheumatology Reports, 2007, 9, 136-143.	2.1	148
418	Constitutively activated dystrophic muscle fibroblasts show a paradoxical response to TGF- \hat{l}^2 and CTGF/CCN2. Journal of Cell Communication and Signaling, 2007, 1, 205-217.	1.8	40
419	Nitrogen-rich coatings for promoting healing around stent-grafts after endovascular aneurysm repair. Biomaterials, 2007, 28, 1209-1217.	5.7	45
420	Neovascularization induced by porous collagen scaffold implanted on intact and cryoinjured rat hearts. Biomaterials, 2007, 28, 5449-5461.	5.7	74
421	Establishment and characterization of atypical fibroblasts from human adult liver contributing to hepatocyte cord-like arrangement. Cell Biology International, 2008, 32, 605-614.	1.4	4
422	Molecular and ultrastructural studies of the fibrotic lesions of bovine focal proliferative fibrogranulomatous panniculitis (Lechiguana). Veterinary Research Communications, 2008, 32, 65-74.	0.6	4

#	Article	IF	CITATIONS
423	Pathophysiological Characteristics of Dimethylnitrosamine-Induced Liver Fibrosis in Acute and Chronic Injury Models: A Possible Contribution of KLF5 to Fibrogenic Responses. Digestive Diseases and Sciences, 2008, 53, 2222-2232.	1.1	15
424	InÂvitro wounding: effects of hypoxia and transforming growth factor \hat{l}^21 on proliferation, migration and myofibroblastic differentiation in an endothelial cell-fibroblast co-culture model. Journal of Molecular Histology, 2008, 39, 37-47.	1.0	42
425	Spatially defined oxygen gradients and vascular endothelial growth factor expression in an engineered 3D cell model. Cellular and Molecular Life Sciences, 2008, 65, 177-186.	2.4	96
426	The contractile properties of vaginal myofibroblasts: Is the myofibroblasts contraction force test a valuable indication of future prolapse development?. International Urogynecology Journal, 2008, 19, 1399-1403.	0.7	12
427	Vascular Adaptation and Mechanical Homeostasis at Tissue, Cellular, and Sub-cellular Levels. Cell Biochemistry and Biophysics, 2008, 50, 53-78.	0.9	346
428	Part II: Fibroblasts preferentially migrate in the direction of principal strain. Biomechanics and Modeling in Mechanobiology, 2008, 7, 215-225.	1.4	37
429	Time-dependent Changes in Smooth Muscle Cell Stiffness and Focal Adhesion Area in Response to Cyclic Equibiaxial Stretch. Annals of Biomedical Engineering, 2008, 36, 369-380.	1.3	59
430	Fibroblasts potentiate blood vessel formation partially through secreted factor TIMP-1. Angiogenesis, 2008, 11, 223-234.	3.7	84
431	Cultured bone marrow cell local implantation accelerates healing of ulcers in mice. Journal of Gastroenterology, 2008, 43, 124-135.	2.3	13
432	Synergy between myogenic and non-myogenic cells in a 3D tissue-engineered craniofacial skeletal muscle construct. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 408-417.	1.3	56
433	Matrix stiffness and serum concentration effects matrix remodelling and ECM regulatory genes of human bone marrow stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 97-105.	1.3	29
434	Cellular and molecular mechanisms of fibrosis. Journal of Pathology, 2008, 214, 199-210.	2.1	3,551
435	Increased IL $\hat{a}\in\hat{I}^2$ expression and myofibroblast recruitment in subacromial bursa is associated with rotator cuff lesions with shoulder stiffness. Journal of Orthopaedic Research, 2008, 26, 1090-1097.	1.2	44
436	Joint capsule mast cells and neuropeptides are increased within four weeks of injury and remain elevated in chronic stages of posttraumatic contractures. Journal of Orthopaedic Research, 2008, 26, 1313-1319.	1.2	46
437	Inflammatory cytokines augments TGFâ€Î²1â€induced epithelialâ€mesenchymal transition in A549 cells by upâ€regulating TβRâ€I. Cytoskeleton, 2008, 65, 935-944.	4.4	68
438	Tissue stretch decreases soluble TGF $\hat{\mathbf{a}}\in\hat{\mathbf{i}}^21$ and type $\hat{\mathbf{a}}\in\mathbf{i}$ procollagen in mouse subcutaneous connective tissue: Evidence from ex vivo and in vivo models. Journal of Cellular Physiology, 2008, 214, 389-395.	2.0	76
439	Reversal of myofibroblasts by amniotic membrane stromal extract. Journal of Cellular Physiology, 2008, 215, 657-664.	2.0	63
440	The role of matrix stiffness in regulating cell behavior. Hepatology, 2008, 47, 1394-1400.	3.6	879

#	Article	IF	CITATIONS
441	Heparan sulfate–dependent ERK activation contributes to the overexpression of fibrotic proteins and enhanced contraction by scleroderma fibroblasts. Arthritis and Rheumatism, 2008, 58, 577-585.	6.7	38
442	Distribution and Quantity of Contractile Tissue in Postnatal Development of Rat Alveolar Interstitium. Anatomical Record, 2008, 291, 83-93.	0.8	16
443	Stretch-activated force shedding, force recovery, and cytoskeletal remodeling in contractile fibroblasts. Journal of Biomechanics, 2008, 41, 2964-2971.	0.9	72
444	Towards control of smooth muscle cell differentiation in synthetic 3D scaffolds. Biomaterials, 2008, 29, 3357-3366.	5.7	54
445	The effect of lactose-conjugated silk biomaterials on the development of fibrogenic fibroblasts. Biomaterials, 2008, 29, 4665-4675.	5.7	51
446	Mechanical homeostasis is altered in uterine leiomyoma. American Journal of Obstetrics and Gynecology, 2008, 198, 474.e1-474.e11.	0.7	102
447	Extracellular matrix profiles in the progression to heart failure. Acta Physiologica, 2008, 194, 3-21.	1.8	83
448	Hic-5 Promotes the Hypertrophic Scar Myofibroblast Phenotype by Regulating the TGF- \hat{l}^21 Autocrine Loop. Journal of Investigative Dermatology, 2008, 128, 2518-2525.	0.3	66
449	The role of endothelial-to-mesenchymal transition in cancer progression. British Journal of Cancer, 2008, 99, 1375-1379.	2.9	450
450	Cancer as an overhealing wound: an old hypothesis revisited. Nature Reviews Molecular Cell Biology, 2008, 9, 628-638.	16.1	779
451	TGF-Î ² 1 Slows the Growth of Pathogenic Myofibroblasts through a Mechanism Requiring the Focal Adhesion Protein, Hic-5. Journal of Investigative Dermatology, 2008, 128, 280-291.	0.3	28
452	Dermal fibroblasts from red Duroc and Yorkshire pigs exhibit intrinsic differences in the contraction of collagen gels. Wound Repair and Regeneration, 2008, 16, 132-142.	1.5	21
453	A review of fibroblastâ€populated collagen lattices. Wound Repair and Regeneration, 2008, 16, 472-479.	1.5	133
454	Antisense inhibition of connective tissue growth factor (CTGF/CCN2) mRNA limits hypertrophic scarring without affecting wound healing in vivo. Wound Repair and Regeneration, 2008, 16, 661-673.	1.5	82
455	Hydrogelâ€based Engineered Skeletal Muscle Grafts Normalize Heart Function Early After Myocardial Infarction. Artificial Organs, 2008, 32, 692-700.	1.0	67
456	Distinct association of genetic variations of vascular endothelial growth factor, transforming growth factorâ€Î², and fibroblast growth factor receptors with atopy and airway hyperresponsiveness. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 447-453.	2.7	18
457	TGF-Î ² 1-induced cardiac myofibroblasts are nonproliferating functional cells carrying DNA damages. Experimental Cell Research, 2008, 314, 1480-1494.	1.2	26
458	A CXCL5- and bFGF-dependent effect of PDGF-B-activated fibroblasts in promoting trafficking and differentiation of bone marrow-derived mesenchymal stem cells. Experimental Cell Research, 2008, 314, 2176-2186.	1.2	74

#	Article	IF	Citations
459	Oncogenic Ras-transformed human fibroblasts exhibit differential changes in contraction and migration in 3D collagen matrices. Experimental Cell Research, 2008, 314, 3081-3091.	1.2	21
460	Relaxin stimulates MMP-2 and α-smooth muscle actin expression by human periodontal ligament cells. Archives of Oral Biology, 2008, 53, 161-167.	0.8	28
461	Tissue reactions to collagen scaffolds in the oral mucosa and skin of rats: Environmental and mechanical factors. Archives of Oral Biology, 2008, 53, 376-387.	0.8	28
462	uPA dependent and independent mechanisms of wound healing by Câ€phycocyanin. Journal of Cellular and Molecular Medicine, 2008, 12, 2691-2703.	1.6	43
463	Allograft Airway Fibrosis in the Pulmonary Milieu: A Disorder of Tissue Remodeling. American Journal of Transplantation, 2008, 8, 517-528.	2.6	39
464	Cyclosporine-Induced Endoplasmic Reticulum Stress Triggers Tubular Phenotypic Changes and Death. American Journal of Transplantation, 2008, 8, 2283-2296.	2.6	138
465	Myofibroblasts and Mechanotransduction: Do Forces in the Tunica Albuginea Contribute to Peyronie's Disease?. Journal of Sexual Medicine, 2008, 5, 2974-2976.	0.3	13
466	Fibrotic disorders in the eye: Targets of gene therapy. Progress in Retinal and Eye Research, 2008, 27, 177-196.	7.3	151
467	Propagation of Mechanical Stress through the Actin Cytoskeleton toward Focal Adhesions: Model and Experiment. Biophysical Journal, 2008, 94, 1470-1482.	0.2	92
468	The Effect of Matrix Density on the Regulation of 3-D Capillary Morphogenesis. Biophysical Journal, 2008, 94, 1930-1941.	0.2	234
469	Filamentous Network Mechanics and Active Contractility Determine Cell and Tissue Shape. Biophysical Journal, 2008, 95, 3488-3496.	0.2	131
470	Human Dental Pulp Stem Cells Improve Left Ventricular Function, Induce Angiogenesis, and Reduce Infarct Size in Rats with Acute Myocardial Infarction. Stem Cells, 2008, 26, 638-645.	1.4	337
471	Cancer-Derived Lysophosphatidic Acid Stimulates Differentiation of Human Mesenchymal Stem Cells to Myofibroblast-Like Cells. Stem Cells, 2008, 26, 789-797.	1.4	143
472	The assessment of angiogenesis and fibroblastic stromagenesis in hyperplastic and pre-invasive breast lesions. BMC Cancer, 2008, 8, 88.	1.1	43
473	Targeting fibrosis in respiratory lung disease. Drug Discovery Today: Therapeutic Strategies, 2008, 5, 97-100.	0.5	0
474	The Effect of Therapeutic Human Serum Drops on Corneal Stromal Wound-Healing Activity. Current Eye Research, 2008, 33, 641-652.	0.7	16
475	Fibrosis in Systemic Sclerosis. Rheumatic Disease Clinics of North America, 2008, 34, 115-143.	0.8	74
477	Protective and toxic effects of vitamin D on vascular calcification: Clinical implications. Molecular Aspects of Medicine, 2008, 29, 423-432.	2.7	88

#	Article	IF	Citations
478	Matrix Metalloproteinase Inhibition Reduces Contraction by Dupuytren Fibroblasts. Journal of Hand Surgery, 2008, 33, 1608-1616.	0.7	27
479	Factor Xa: at the crossroads between coagulation and signaling in physiology and disease. Trends in Molecular Medicine, 2008, 14, 429-440.	3.5	158
480	Moesin is involved in the cytoskeletal remodelling of rat decidual cells. Acta Histochemica, 2008, 110, 491-496.	0.9	5
481	Limb bud and flank mesoderm have distinct "physical phenotypes―that may contribute to limb budding. Developmental Biology, 2008, 321, 319-330.	0.9	38
482	Chapter 7 Mechanobiology of Adult and Stem Cells. International Review of Cell and Molecular Biology, 2008, 271, 301-346.	1.6	98
483	Origin of periendothelial cells in microvessels derived from human microvascular endothelial cells. International Journal of Biochemistry and Cell Biology, 2008, 40, 710-720.	1.2	8
484	Mechanical tension stimulates the transdifferentiation of fibroblasts into myofibroblasts in human burn scars. Burns, 2008, 34, 942-946.	1.1	87
485	Sphingosine-1-phosphate (S1P) is a novel fibrotic mediator in the eye. Experimental Eye Research, 2008, 87, 367-375.	1.2	54
486	The myofibroblast in health and disease. Revista Espanola De Patologia, 2008, 41, 3-10.	0.6	8
487	Distinguishing fibroblast promigratory and procontractile growth factor environments in 3â€D collagen matrices. FASEB Journal, 2008, 22, 2151-2160.	0.2	53
488	The immune system and cardiac repair. Pharmacological Research, 2008, 58, 88-111.	3.1	560
489	Bronchiolitis Obliterans Syndrome: Alloimmune-Dependent and -Independent Injury with Aberrant Tissue Remodeling. Seminars in Thoracic and Cardiovascular Surgery, 2008, 20, 173-182.	0.4	84
490	Factor Xa Stimulates Proinflammatory and Profibrotic Responses in Fibroblasts via Protease-Activated Receptor-2 Activation. American Journal of Pathology, 2008, 172, 309-320.	1.9	116
491	Effect of Plateletâ€Rich Plasma on Cell Adhesion, Cell Migration, and Myofibroblastic Differentiation in Human Gingival Fibroblasts. Journal of Periodontology, 2008, 79, 714-720.	1.7	61
492	Fibroblast growth factor represses Smadâ€mediated myofibroblast activation in aortic valvular interstitial cells. FASEB Journal, 2008, 22, 1769-1777.	0.2	132
493	Review: Tissue remodeling and angiogenesis in asthma: the role of the eosinophil. Therapeutic Advances in Respiratory Disease, 2008, 2, 163-171.	1.0	52
494	Cross Talk Among Smad, MAPK, and Integrin Signaling Pathways Enhances Adventitial Fibroblast Functions Activated by Transforming Growth Factor–β1 and Inhibited by Gax. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 725-731.	1.1	35
495	Periostin is essential for cardiac healingafter acute myocardial infarction. Journal of Experimental Medicine, 2008, 205, 295-303.	4.2	404

#	Article	IF	CITATIONS
496	High Perfusion Pressure Accelerates Renal Injury in Salt-Sensitive Hypertension. Journal of the American Society of Nephrology: JASN, 2008, 19, 1472-1482.	3.0	90
497	Corneal Wound Healing in an Osteopontin-Deficient Mouse. , 2008, 49, 1367.		52
498	Lkb1 is required for TGF \hat{I}^2 -mediated myofibroblast differentiation. Journal of Cell Science, 2008, 121, 3531-3540.	1.2	36
499	The cyclic AMP effector Epac integrates pro- and anti-fibrotic signals. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6386-6391.	3.3	129
500	Collagen Fibril Flow and Tissue Translocation Coupled to Fibroblast Migration in 3D Collagen Matrices. Molecular Biology of the Cell, 2008, 19, 2051-2058.	0.9	75
502	Tyrosine phosphatase PTPα regulates focal adhesion remodeling through Rac1 activation. American Journal of Physiology - Cell Physiology, 2008, 294, C931-C944.	2.1	22
503	Extracellular matrix metalloproteinase inducer/CD147 promotes myofibroblast differentiation by inducing $\hat{l}\pm\hat{a}\in\mathbf{s}$ mooth muscle actin expression and collagen gel contraction: implications in tissue remodeling. FASEB Journal, 2008, 22, 1144-1154.	0.2	83
504	Specific signals involved in the long-term maintenance of radiation-induced fibrogenic differentiation: a role for CCN2 and low concentration of TGF- \hat{I}^21 . American Journal of Physiology - Cell Physiology, 2008, 294, C1332-C1341.	2.1	43
505	Functional resolution of fibrosis in <i>mdx</i> mouse dystrophic heart and skeletal muscle by halofuginone. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1550-H1561.	1.5	91
506	Cofilin is a marker of myofibroblast differentiation in cells from porcine aortic cardiac valves. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1767-H1778.	1.5	95
507	Hyaluronan Facilitates Transforming Growth Factor- \hat{l}^21 -mediated Fibroblast Proliferation. Journal of Biological Chemistry, 2008, 283, 6530-6545.	1.6	112
508	Oleate Induces a Myofibroblast-Like Phenotype in Mesangial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 541-547.	1.1	18
509	Fibrogenic fibroblasts increase intercellular adhesion strength by reinforcing individual OB-cadherin bonds. Journal of Cell Science, 2008, 121, 877-886.	1.2	69
510	Myofibroblast communication is controlled by intercellular mechanical coupling. Journal of Cell Science, 2008, 121, 3305-3316.	1.2	100
511	Epidermal Growth Factor Synergism with TGF- \hat{l}^21 via PI-3 Kinase Activity in Corneal Keratocyte Differentiation. , 2008, 49, 2936.		61
512	Kinetics of stress fibers. New Journal of Physics, 2008, 10, 025002.	1.2	28
513	Matrix Metalloproteinase-induced Fibrosis and Malignancy in Breast and Lung. Proceedings of the American Thoracic Society, 2008, 5, 316-322.	3.5	43
514	Plasminogen Activation–Induced Pericellular Fibronectin Proteolysis Promotes Fibroblast Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 78-87.	1.4	93

#	Article	IF	Citations
515	Matrix Elasticity, Cytoskeletal Tension, and TGF- \hat{l}^2 : The Insoluble and Soluble Meet. Science Signaling, 2008, 1, pe13.	1.6	159
516	Transforming growth factor-Â-induced alpha-smooth muscle cell actin expression in renal proximal tubular cells is regulated by p38Â mitogen-activated protein kinase, extracellular signal-regulated protein kinase1,2 and the Smad signalling during epithelial-myofibroblast transdifferentiation. Nephrology Dialysis Transplantation. 2008. 23. 1537-1545.	0.4	52
517	Epithelial-Mesenchymal Transition as a Therapeutic Target for Prevention of Ocular Tissue Fibrosis. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2008, 8, 69-76.	0.6	67
518	AMP-activated Protein Kinase Inhibits Transforming Growth Factor-Î ² -induced Smad3-dependent Transcription and Myofibroblast Transdifferentiation. Journal of Biological Chemistry, 2008, 283, 10461-10469.	1.6	115
519	Parathyroid Hormone and Vitamin D Levels are Independently Associated With Calcific Aortic Stenosis. Circulation Journal, 2008, 72, 245-250.	0.7	61
520	Collagen Scaffolds Implanted in the Palatal Mucosa. Journal of Craniofacial Surgery, 2008, 19, 599-608.	0.3	14
521	Connexin43 Knockdown Accelerates Wound Healing but Inhibits Mesenchymal Transition after Corneal Endothelial Injury In Vivo., 2008, 49, 93.		96
522	Morfometria de fibroblastos e fibrócitos durante o processo cicatricial na pele de coelhos da raça Nova Zelândia Branco tratados com calêndula. Ciencia Rural, 2008, 38, 1662-1666.	0.3	8
523	Lovastatin Inhibits TGF-β–Induced Myofibroblast Transdifferentiation in Human Tenon Fibroblasts. , 2008, 49, 3955.		70
524	Bone marrow-derived progenitor cells and renal fibrosis. Frontiers in Bioscience - Landmark, 2008, Volume, 5163.	3.0	7
525	Vascular Endothelial Growth Factor Expression in Peritoneal Mesothelial Cells Undergoing Transdifferentiation. Peritoneal Dialysis International, 2008, 28, 497-504.	1.1	20
526	Plasminogen activator inhibitor-1: The double-edged sword in apoptosis. Thrombosis and Haemostasis, 2008, 100, 1029-1036.	1.8	94
527	Tumor microenvironment and angiogenesis. Frontiers in Bioscience - Landmark, 2008, Volume, 6537.	3.0	163
528	Adult stem cells and repair through granulation tissue. Frontiers in Bioscience - Landmark, 2009, Volume, 1433.	3.0	26
529	Suppression of Injury-Induced Conjunctiva Scarring by Peroxisome Proliferator-Activated Receptor \hat{I}^3 Gene Transfer in Mice. , 2009, 50, 187.		18
530	SB-431542 Inhibition of Scar Formation after Filtration Surgery and Its Potential Mechanism. , 2009, 50, 1698.		48
531	TGFb in fibroproliferative diseases in the eye. Frontiers in Bioscience - Scholar, 2009, S1, 376-390.	0.8	99
532	A Dynamic Stochastic Model of Frequency-Dependent Stress Fiber Alignment Induced by Cyclic Stretch. PLoS ONE, 2009, 4, e4853.	1.1	108

#	Article	IF	CITATIONS
533	Biomaterials, Fibrosis, and the Use of Drug Delivery Systems in Future Antifibrotic Strategies. Critical Reviews in Biomedical Engineering, 2009, 37, 259-281.	0.5	13
534	Inhibition of ERK Promotes Collagen Gel Compaction and Fibrillogenesis to Amplify the Osteogenesis of Human Mesenchymal Stem Cells in Three-Dimensional Collagen I Culture. Stem Cells and Development, 2009, 18, 331-341.	1.1	39
535	Microfabricated tissue gauges to measure and manipulate forces from 3D microtissues. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10097-10102.	3.3	374
536	Hyaluronan Orchestrates Transforming Growth Factor- \hat{l}^2 1-dependent Maintenance of Myofibroblast Phenotype. Journal of Biological Chemistry, 2009, 284, 9083-9092.	1.6	119
537	The role of an MMP inhibitor in the regulation of mechanical tension by Dupuytren's disease fibroblasts. Journal of Hand Surgery: European Volume, 2009, 34, 783-787.	0.5	11
538	Transforming Growth Factor \hat{l}^21 -mediated Activation of the Smooth Muscle \hat{l} ±-Actin Gene in Human Pulmonary Myofibroblasts Is Inhibited by Tumor Necrosis Factor- \hat{l} ± via Mitogen-activated Protein Kinase Kinase 1-dependent Induction of the Egr-1 Transcriptional Repressor. Molecular Biology of the Cell, 2009, 20, 2174-2185.	0.9	35
539	Plasminogen Activator Inhibitor-1 Regulates Integrin $\hat{l}\pm v\hat{l}^23$ Expression and Autocrine Transforming Growth Factor \hat{l}^2 Signaling. Journal of Biological Chemistry, 2009, 284, 20708-20717.	1.6	32
540	Characterization of Fibrodysplasia in the Dog Following Inhibition of Metalloproteinases. Toxicologic Pathology, 2009, 37, 860-872.	0.9	13
541	The myofibroblast and its tumours. Journal of Clinical Pathology, 2009, 62, 236-249.	1.0	93
542	Expression Profiling of Stationary and Migratory Intestinal Epithelial Cells After <i>in vitro</i> Wounding: Restitution is Accompanied by Cell Differentiation. Cellular Physiology and Biochemistry, 2009, 24, 125-132.	1.1	7
543	Fibril Microstructure Affects Strain Transmission Within Collagen Extracellular Matrices. Journal of Biomechanical Engineering, 2009, 131, 031004.	0.6	69
544	Decorin Gene Delivery Inhibits Cardiac Fibrosis in Spontaneously Hypertensive Rats by Modulation of Transforming Growth Factor-β/Smad and p38 Mitogen-Activated Protein Kinase Signaling Pathways. Human Gene Therapy, 2009, 20, 1190-1200.	1.4	83
545	Monocytes and Macrophages as Cellular Targets in Liver Fibrosis. Inflammation and Allergy: Drug Targets, 2009, 8, 307-318.	1.8	150
546	Imposed Anisometropia, Accommodation, and Regulation of Refractive State. Optometry and Vision Science, 2009, 86, E31-E39.	0.6	46
547	Biomechanics of the Sclera in Myopia: Extracellular and Cellular Factors. Optometry and Vision Science, 2009, 86, E23-E30.	0.6	227
548	Early Detection of Steatohepatitis in Fatty Rat Liver by Using MR Elastography. Radiology, 2009, 253, 90-97.	3.6	134
549	Characterization of Engineered Tissue Development Under Biaxial Stretch Using Nonlinear Optical Microscopy. Tissue Engineering - Part A, 2009, 15, 1553-1564.	1.6	62
551	Molecular Aspects of Intestinal Radiation-Induced Fibrosis. Current Molecular Medicine, 2009, 9, 273-280.	0.6	46

#	Article	IF	CITATIONS
552	Hepatocyte Growth Factor Inhibits Epithelial to Myofibroblast Transition in Lung Cells via Smad7. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 643-653.	1.4	120
553	Effect of Serum and Insulin Modulation on the Organization and Morphology of Matrix Synthesized by Bovine Corneal Stromal Cells. Tissue Engineering - Part A, 2009, 15, 3559-3573.	1.6	11
554	Recent Advances in Molecular Targets and Treatment of Idiopathic Pulmonary Fibrosis: Focus on TGFβ Signaling and the Myofibroblast. Current Medicinal Chemistry, 2009, 16, 1400-1417.	1.2	126
555	Decidualization Attenuates the Contractility of Eutopic and Ectopic Endometrial Stromal Cells: Implications for Hormone Therapy of Endometriosis. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2516-2523.	1.8	26
556	Improvement in cardiac function after bone marrow cell thearpy is associated with an increase in myocardial inflammation. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H43-H50.	1.5	38
557	Cyclosporine triggers endoplasmic reticulum stress in endothelial cells: a role for endothelial phenotypic changes and death. American Journal of Physiology - Renal Physiology, 2009, 296, F160-F169.	1.3	49
558	Mesenchymal Cell Fate and Phenotypes in the Pathogenesis of Emphysema. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 201-210.	0.7	15
559	Fibronexus Junctions Associated with In Vivo Human Endothelium. Ultrastructural Pathology, 2009, 33, 28-32.	0.4	6
560	Role of Stromal Fibroblasts in Cancer: Promoting or Impeding?. Tumor Biology, 2009, 30, 109-120.	0.8	54
561	PPAR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>\hat{I}</mml:mi></mml:math> Activity in Cardiovascular Diseases: A Potential Pharmacological Target. PPAR Research, 2009, 2009, 1-9.	1.1	5
562	Endothelin-1 and Transforming Growth Factor- \hat{l}^2 1 Independently Induce Fibroblast Resistance to Apoptosis via AKT Activation. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 484-493.	1.4	133
563	Principles of skin regeneration. , 2009, , 212-230.		2
564	Cyclic GMP Kinase and RhoA Ser188 Phosphorylation Integrate Pro- and Antifibrotic Signals in Blood Vessels. Molecular and Cellular Biology, 2009, 29, 6018-6032.	1.1	37
565	Postmyocardial infarction remodeling and coronary reserve: effects of ivabradine and beta blockade therapy. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H322-H330.	1.5	27
566	Acceleration of Palatal Wound Healing in Smad3-deficient Mice. Journal of Dental Research, 2009, 88, 757-761.	2.5	22
567	Differential Evaluation of Excisional Non-occluded Wound Healing in db/db Mice. Toxicologic Pathology, 2009, 37, 183-192.	0.9	39
568	Intrastromal Keratotomy with Femtosecond Laser Avoids Profibrotic TGF-Î ² 1 Induction., 2009, 50, 3688.		14
569	Activation of Human Valve Interstitial Cells by a Viridians Streptococci Modulin Induces Chemotaxis of Mononuclear Cells. Journal of Infectious Diseases, 2009, 199, 1488-1496.	1.9	8

#	Article	IF	CITATIONS
570	Cardiac fibroblasts: At the heart of myocardial remodeling. , 2009, 123, 255-278.		864
571	Cx43 contributes to TGF- \hat{I}^2 signaling to regulate differentiation of cardiac fibroblasts into myofibroblasts. Experimental Cell Research, 2009, 315, 1190-1199.	1.2	60
572	Periostin differentially induces proliferation, contraction and apoptosis of primary Dupuytren's disease and adjacent palmar fascia cells. Experimental Cell Research, 2009, 315, 3574-3586.	1.2	57
573	MMP-Dependent Migration of Extrapulmonary Myofibroblast Progenitors Contributing to Posttransplant Airway Fibrosis in the Lung. American Journal of Transplantation, 2009, 9, 1027-1036.	2.6	30
574	Soft materials to treat central nervous system injuries: Evaluation of the suitability of non-mammalian fibrin gels. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 924-930.	1.9	45
575	From mechanotransduction to extracellular matrix gene expression in fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 911-920.	1.9	339
576	$17\hat{l}^2$ -estradiol inhibits angiotensin II-induced cardiac myofibroblast differentiation. European Journal of Pharmacology, 2009, 616, 155-159.	1.7	33
577	Regulation of Matrix Contraction in Chronic Venous Disease. European Journal of Vascular and Endovascular Surgery, 2009, 38, 518-529.	0.8	24
578	Controlled Growth Factor Delivery for Tissue Engineering. Advanced Materials, 2009, 21, 3269-3285.	11.1	365
579	Significance of stromal desmoplasia and myofibroblast appearance at the invasive front in squamous cell carcinoma of the oral cavity. Head and Neck, 2009, 31, 1346-1353.	0.9	101
580	Instructional PowerPoint presentations for cutaneous wound healing and tissue response to sutures. Journal of Biomedical Materials Research - Part A, 2009, 90A, 1230-1238.	2.1	12
581	Distribution of TGFâ€Î² isoforms and signaling intermediates in corneal fibrotic wound repair. Journal of Cellular Biochemistry, 2009, 108, 476-488.	1.2	26
582	Treadmill running exercise results in the presence of numerous myofibroblasts in mouse patellar tendons. Journal of Orthopaedic Research, 2009, 27, 1373-1378.	1.2	27
583	Origin of axial prestretch and residual stress in arteries. Biomechanics and Modeling in Mechanobiology, 2009, 8, 431-446.	1.4	162
585	Spatial patterning of cell proliferation and differentiation depends on mechanical stress magnitude. Journal of Biomechanics, 2009, 42, 1622-1627.	0.9	49
586	\hat{l}^2 -Catenin Overexpression in Dupuytren's Disease Is Unrelated to Disease Recurrence. Clinical Orthopaedics and Related Research, 2009, 467, 838-845.	0.7	26
587	Thrombospondins in the heart: potential functions in cardiac remodeling. Journal of Cell Communication and Signaling, 2009, 3, 201-213.	1.8	42
588	Modelling tissues in 3D: the next future of pharmaco-toxicology and food research?. Genes and Nutrition, 2009, 4, 13-22.	1.2	208

#	Article	IF	CITATIONS
589	Stromal Myofibroblasts Accompany Modifications in the Epithelial Phenotype of Tongue Dysplastic and Malignant Lesions. Cancer Microenvironment, 2009, 2, 49-57.	3.1	46
590	Close dependence of fibroblast proliferation on collagen scaffold matrix stiffness. Journal of Tissue Engineering and Regenerative Medicine, 2009, 3, 77-84.	1.3	253
591	Force generation and protease gene expression in organotypic co-cultures of fibroblasts and keratinocytes. Journal of Tissue Engineering and Regenerative Medicine, 2009, 3, 647-650.	1.3	7
592	\hat{l}^2 -catenin and transforming growth factor \hat{l}^2 have distinct roles regulating fibroblast cell motility and the induction of collagen lattice contraction. BMC Cell Biology, 2009, 10, 38.	3.0	41
593	Interleukin (IL)-6 modulates transforming growth factor- \hat{l}^2 expression in skin and dermal fibroblasts from IL-6-deficient mice. British Journal of Dermatology, 2009, 161, 237-248.	1.4	61
594	Endothelin receptor selectivity: evidence from <i>in vitro</i> and preâ€clinical models of scleroderma. European Journal of Clinical Investigation, 2009, 39, 19-26.	1.7	16
595	Inducible Lineage-Specific Deletion of \hat{T}^2 RII in Fibroblasts Defines a Pivotal Regulatory Role during Adult Skin Wound Healing. Journal of Investigative Dermatology, 2009, 129, 194-204.	0.3	64
596	Cell Permeant Peptide Analogues of the Small Heat Shock Protein, HSP20, Reduce TGF-β1-Induced CTGF Expression in Keloid Fibroblasts. Journal of Investigative Dermatology, 2009, 129, 590-598.	0.3	58
597	Human Female Hair Follicles Are a Direct, Nonclassical Target for Thyroid-Stimulating Hormone. Journal of Investigative Dermatology, 2009, 129, 1126-1139.	0.3	82
598	Mucinous and neuroendocrine breast carcinomas are transcriptionally distinct from invasive ductal carcinomas of no special type. Modern Pathology, 2009, 22, 1401-1414.	2.9	110
599	Biomechanical regulation of blood vessel growth during tissue vascularization. Nature Medicine, 2009, 15, 657-664.	15.2	218
600	NADPH oxidase-4 mediates myofibroblast activation and fibrogenic responses to lung injury. Nature Medicine, 2009, 15, 1077-1081.	15.2	741
601	In vivo imaging of extracellular matrix remodeling by tumor-associated fibroblasts. Nature Methods, 2009, 6, 143-145.	9.0	120
602	Influence of microgroove dimension on cell behavior of human gingival fibroblasts cultured on titanium substrata. Clinical Oral Implants Research, 2009, 20, 56-66.	1.9	47
603	Modulation of wound contracture $\hat{l}\pm \hat{a}\in \mathbf{s}$ mooth muscle actin and multispecific vitronectin receptor integrin $\hat{l}\pm v\hat{l}^23$ in the rabbit's experimental model. International Wound Journal, 2009, 6, 214-224.	1.3	21
604	Development, repair and fibrosis: What is common and why it matters. Respirology, 2009, 14, 656-665.	1.3	70
605	Prostaglandin E2 differentially regulates contraction and structural reorganization of anchored collagen gels by human adult and fetal dermal fibroblasts. Wound Repair and Regeneration, 2009, 17, 88-98.	1.5	32
606	Collagen crossâ€inking by adiposeâ€derived mesenchymal stromal cells and scarâ€derived mesenchymal cells: Are mesenchymal stromal cells involved in scar formation?. Wound Repair and Regeneration, 2009, 17, 548-558.	1.5	42

#	Article	IF	CITATIONS
607	Advanced glycoxidation products and impaired diabetic wound healing. Wound Repair and Regeneration, 2009, 17, 461-472.	1.5	171
608	Role of the elastin receptor complex (Sâ€Gal/Cathâ€A/Neuâ€1) in skin repair and regeneration. Wound Repair and Regeneration, 2009, 17, 631-638.	1.5	34
609	Prostaglandin E ₂ induces contraction of liver myofibroblasts by activating EP ₃ and FP prostanoid receptors. British Journal of Pharmacology, 2009, 156, 835-845.	2.7	11
610	Self-assembled peptide-based hydrogels as scaffolds for anchorage-dependent cells. Biomaterials, 2009, 30, 2523-2530.	5.7	620
611	Characterization of valvular interstitial cell function in three dimensional matrix metalloproteinase degradable PEG hydrogels. Biomaterials, 2009, 30, 6593-6603.	5.7	191
612	Silk film biomaterials for cornea tissue engineering. Biomaterials, 2009, 30, 1299-1308.	5.7	362
613	The influence of ascorbic acid, TGF-l̂²1, and cell-mediated remodeling on the bulk mechanical properties of 3-D PEG–fibrinogen constructs. Biomaterials, 2009, 30, 3854-3864.	5.7	23
614	Numerical modeling of a mechano-chemical theory for wound contraction analysis. International Journal of Solids and Structures, 2009, 46, 3597-3606.	1.3	63
615	Carcinoma-Associated Fibroblasts in Lung Cancer. , 2009, , 193-215.		0
616	Cyclical Cell Stretching of Skin-Derived Fibroblasts Downregulates Connective Tissue Growth Factor (CTGF) Production. Connective Tissue Research, 2009, 50, 323-329.	1.1	21
617	Pulmonary fibrosis: pathogenesis, etiology and regulation. Mucosal Immunology, 2009, 2, 103-121.	2.7	615
618	Screening of potential prodrugs on cells derived from Dupuytren's disease patients. Biomedicine and Pharmacotherapy, 2009, 63, 577-585.	2.5	7
619	Recombinant human decorin inhibits TGF- \hat{l}^21 -induced contraction of collagen lattice by hypertrophic scar fibroblasts. Burns, 2009, 35, 527-537.	1.1	71
620	Coagulation factor Xa signaling: the link between coagulation and inflammatory bowel disease?. Trends in Pharmacological Sciences, 2009, 30, 8-16.	4.0	23
621	Epigallocatechin-3-gallate augments antioxidant activities and inhibits inflammation during bleomycin-induced experimental pulmonary fibrosis through Nrf2–Keap1 signaling. Pulmonary Pharmacology and Therapeutics, 2009, 22, 221-236.	1.1	153
622	Cardiac myofibroblast differentiation is attenuated by $\hat{l}\pm 3$ integrin blockade: Potential role in post-MI remodeling. Journal of Molecular and Cellular Cardiology, 2009, 46, 186-192.	0.9	39
623	Transcriptional regulation of SM22 \hat{l} ± by Wnt3a: Convergence with TGF \hat{l} 21/Smad signaling at a novel regulatory element. Journal of Molecular and Cellular Cardiology, 2009, 46, 621-635.	0.9	41
624	Deletion of bradykinin B1 receptor reduces renal fibrosis. International Immunopharmacology, 2009, 9, 653-657.	1.7	31

#	Article	IF	CITATIONS
625	Myofibroblasts work best under stress. Journal of Bodywork and Movement Therapies, 2009, 13, 121-127.	0.5	60
626	Myofibroblast Distribution in Dupuytren's Cords: Correlation With Digital Contracture. Journal of Hand Surgery, 2009, 34, 1785-1794.	0.7	69
627	BMP-7: Therapeutic target for ocular fibrotic disorders. Bioscience Hypotheses, 2009, 2, 413-416.	0.2	1
628	Recoil after Severing Reveals Stress Fiber Contraction Mechanisms. Biophysical Journal, 2009, 97, 462-471.	0.2	26
629	Fibrocytes are associated with vascular and parenchymal remodelling in patients with obliterative bronchiolitis. Respiratory Research, 2009, 10, 103.	1.4	35
630	PDGF-Rα gene expression predicts proliferation, but PDGF-A suppresses transdifferentiation of neonatal mouse lung myofibroblasts. Respiratory Research, 2009, 10, 119.	1.4	42
631	Chapter 1 Focal Adhesions: New Angles on an Old Structure. International Review of Cell and Molecular Biology, 2009, 277, 1-65.	1.6	71
632	Immunohistochemical Assessment of Myofibroblasts and Lymphoid Cells During Wound Healing in Rats Subjected to Laser Photobiomodulation at 660 nm. Photomedicine and Laser Surgery, 2009, 27, 49-55.	2.1	55
634	NOX Enzymes and Pulmonary Disease. Antioxidants and Redox Signaling, 2009, 11, 2505-2516.	2.5	129
635	Constitutive Activation of Beta-Catenin in Uterine Stroma and Smooth Muscle Leads to the Development of Mesenchymal Tumors in Mice1. Biology of Reproduction, 2009, 81, 545-552.	1.2	129
636	A Review of Biomechanic and Aerodynamic Considerations of the Avian Thoracic Limb., 2009, 23, 173-185.		31
637	Crosslinking of cell-derived 3D scaffolds up-regulates the stretching and unfolding of new extracellular matrix assembled by reseeded cells. Integrative Biology (United Kingdom), 2009, 1, 635.	0.6	58
638	Cardiac Fibroblast. Circulation Research, 2009, 105, 1164-1176.	2.0	828
639	c-Ski, Smurf2, and Arkadia as regulators of TGF-β signaling: new targets for managing myofibroblast function and cardiac fibrosisThis 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 Canadian lournal of Physiology and Pharmacology, 2009, 87, 764-772.	0.7	40
640	The compaction of gels by cells: a case of collective mechanical activity. Integrative Biology (United) Tj ETQq0 0 (O rgBT /Ov	erlock 10 Tf 5
641	Fibroblasts in three dimensional matrices: cell migration and matrix remodeling. Experimental and Molecular Medicine, 2009, 41, 858.	3.2	141
642	Notch1 Signaling in FIZZ1 Induction of Myofibroblast Differentiation. American Journal of Pathology, 2009, 174, 1745-1755.	1.9	113
643	Peroxidasin Is Secreted and Incorporated into the Extracellular Matrix of Myofibroblasts and Fibrotic Kidney. American Journal of Pathology, 2009, 175, 725-735.	1.9	99

#	Article	IF	CITATIONS
644	Identification and Characterization of Aortic Valve Mesenchymal Progenitor Cells with Robust Osteogenic Calcification Potential. American Journal of Pathology, 2009, 174, 1109-1119.	1.9	187
645	Modulation of $TGF\hat{l}^21$ -Dependent Myofibroblast Differentiation by Hyaluronan. American Journal of Pathology, 2009, 175, 148-160.	1.9	106
646	Aortic Carboxypeptidase-Like Protein Is Expressed in Fibrotic Human Lung and its Absence Protects against Bleomycin-Induced Lung Fibrosis. American Journal of Pathology, 2009, 174, 818-828.	1.9	37
647	A Transgenic Mouse Model of Inducible Macrophage Depletion. American Journal of Pathology, 2009, 175, 132-147.	1.9	324
648	Age-Related Changes in Pericellular Hyaluronan Organization Leads to Impaired Dermal Fibroblast to Myofibroblast Differentiation. American Journal of Pathology, 2009, 175, 1915-1928.	1.9	80
649	Regulation of Scleral Cell Contraction by Transforming Growth Factor-Î ² and Stress. Journal of Biological Chemistry, 2009, 284, 2072-2079.	1.6	46
650	Calcification by Valve Interstitial Cells Is Regulated by the Stiffness of the Extracellular Matrix. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 936-942.	1.1	294
651	Immune Cells and Molecular Mediators in the Pathogenesis of the Abdominal Aortic Aneurysm. Cardiology in Review, 2009, 17, 201-210.	0.6	130
652	From Traction and Contraction to Wound Closure. Journal of Wound, Ostomy and Continence Nursing, 2009, 36, 365-366.	0.6	0
653	Protective Effect of Cartilage-selenium Polysaccharide on Diethylnitrosamine-Induced Liver Injury in Mice and Its Possible Mechanisms. Food Science and Technology Research, 2009, 15, 249-256.	0.3	2
654	The Relationship Between the Stomatognathic System and Body Posture. Clinics, 2009, 64, 61-66.	0.6	169
655	Wound healing defect of Vav3â^'/â^' mice due to impaired β2-integrinâ€"dependent macrophage phagocytosis of apoptotic neutrophils. Blood, 2009, 113, 5266-5276.	0.6	62
656	Dermal Connective Tissue as the Foundation for Healthy-Looking Skin. , 2009, , 269-286.		0
657	A mathematical model of evolving mechanical properties of intraluminal thrombus. Biorheology, 2009, 46, 509-527.	1.2	30
658	Fibrosis in the GI Tract: Pathophysiology, Diagnosis and Treatment Options. Frontiers of Gastrointestinal Research, 2009, , 15-31.	0.1	5
659	Systemic Sclerosis at the Cellular Level: Molecular Pathways of Pathogenesis and its Implication on Future Drug Design. Current Medicinal Chemistry, 2009, 16, 3986-3995.	1.2	2
660	The Basic Science of Vascular Biology: Implications for the Practicing Surgeon. Plastic and Reconstructive Surgery, 2010, 126, 1528-1538.	0.7	39
661	The Role of Transforming Growth Factor-& The Role of Transforming Growth Facto	0.3	3

#	Article	IF	CITATIONS
662	Visualization of Morphological and Molecular Features Associated with Chronic Ischemia in Bioengineered Human Skin. Microscopy and Microanalysis, 2010, 16, 117-131.	0.2	2
663	Identification of E-selectin as a Novel Target for the Regulation of Postnatal Neovascularization. Annals of Surgery, 2010, 252, 625-634.	2.1	43
664	Vascular Endothelial Growth Factor Overexpression Positively Modulates the Characteristics of Periprosthetic Tissue of Polyurethane-Coated Silicone Breast Implant in Rats. Plastic and Reconstructive Surgery, 2010, 126, 1899-1910.	0.7	36
665	Whole cell mechanics of contractile fibroblasts: relations between effective cellular and extracellular matrix moduli. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 635-654.	1.6	41
666	Transforming Growth Factor \hat{l}^2 Signal Transduction: A Potential Target for Maintenance/Restoration of Transparency of the Cornea. Eye and Contact Lens, 2010, 36, 286-289.	0.8	30
667	Topical application of dressing with amino acids improves cutaneous wound healing in aged rats. Acta Histochemica, 2010, 112, 497-507.	0.9	36
668	Myocardial remodeling after infarction: the role of myofibroblasts. Nature Reviews Cardiology, 2010, 7, 30-37.	6.1	612
669	The biomechanical integrin. Journal of Biomechanics, 2010, 43, 38-44.	0.9	80
670	Boundary Stiffness Regulates Fibroblast Behavior in Collagen Gels. Annals of Biomedical Engineering, 2010, 38, 658-673.	1.3	38
671	Cell sheet integrity and nanomechanical breakdown during programmed cell death. Medical and Biological Engineering and Computing, 2010, 48, 1015-1022.	1.6	4
673	Connective tissue growth factor is induced in bleomycinâ€induced skin scleroderma. Journal of Cell Communication and Signaling, 2010, 4, 25-30.	1.8	49
674	Hematopoietic stem cell origin of mesenchymal cells: opportunity for novel therapeutic approaches. International Journal of Hematology, 2010, 91, 353-359.	0.7	15
675	Gene signatures in wound tissue as evidenced by molecular profiling in the chick embryo model. BMC Genomics, 2010, 11, 495.	1.2	15
676	Increased HGF and c-Met in muscle tissues of polymyositis and dermatomyositis patients: Beneficial roles of HGF in muscle regeneration. Clinical Immunology, 2010, 136, 387-399.	1.4	14
677	Hematopoietic stem cell origin of connective tissues. Experimental Hematology, 2010, 38, 540-547.	0.2	21
678	The renin-angiotensin system mediates hyperoxia-induced collagen production in human lung fibroblasts. Free Radical Biology and Medicine, 2010, 49, 88-95.	1.3	27
679	Promigratory and procontractile growth factor environments differentially regulate cell morphogenesis. Experimental Cell Research, 2010, 316, 232-244.	1.2	28
680	Mesenchymal cells stimulate capillary morphogenesis via distinct proteolytic mechanisms. Experimental Cell Research, 2010, 316, 813-825.	1.2	151

#	Article	IF	CITATIONS
681	Activation of fibroblasts in cancer stroma. Experimental Cell Research, 2010, 316, 2713-2722.	1.2	414
682	Regulation of myofibroblast activities: Calcium pulls some strings behind the scene. Experimental Cell Research, 2010, 316, 2390-2401.	1.2	105
683	Portal fibroblasts: Underappreciated mediators of biliary fibrosis. Hepatology, 2010, 51, 1438-1444.	3.6	231
684	Tissue geometry patterns epithelial–mesenchymal transition via intercellular mechanotransduction. Journal of Cellular Biochemistry, 2010, 110, 44-51.	1.2	178
685	Cardiac fibroblast to myofibroblast differentiation in vivo and in vitro: Expression of focal adhesion components in neonatal and adult rat ventricular myofibroblasts. Developmental Dynamics, 2010, 239, 1573-1584.	0.8	226
686	Mechanical Properties of Cellularly Responsive Hydrogels and Their Experimental Determination. Advanced Materials, 2010, 22, 3484-3494.	11.1	394
687	Design and characterization of a modified Tâ€flask bioreactor for continuous monitoring of engineered tissue stiffness. Biotechnology Progress, 2010, 26, 857-864.	1.3	11
688	Fibroblast response to interstitial flow: A stateâ€ofâ€theâ€art review. Biotechnology and Bioengineering, 2010, 107, 1-10.	1.7	24
689	Characterization of stem cells in Dupuytren's disease. British Journal of Surgery, 2010, 98, 308-315.	0.1	22
690	Postâ€transcriptional regulation of αâ€smooth muscle actin determines the contractile phenotype of Dupuytren's nodular cells. Journal of Cellular Physiology, 2010, 224, 681-690.	2.0	24
691	MicroRNAâ€1 inhibits myocardinâ€induced contractility of human vascular smooth muscle cells. Journal of Cellular Physiology, 2010, 225, 506-511.	2.0	64
692	Response of Human Corneal Fibroblasts on Silk Film Surface Patterns. Macromolecular Bioscience, 2010, 10, 664-673.	2.1	124
693	Abnormal expression of IGF-binding proteins, an initiating event in idiopathic pulmonary fibrosis?. Pathology Research and Practice, 2010, 206, 537-543.	1.0	15
694	The myofibroblast: Paradigm for a mechanically active cell. Journal of Biomechanics, 2010, 43, 146-155.	0.9	544
695	Cells in 3D matrices under interstitial flow: Effects of extracellular matrix alignment on cell shear stress and drag forces. Journal of Biomechanics, 2010, 43, 900-905.	0.9	84
696	Helicoidal multi-lamellar features of RGD-functionalized silk biomaterials for corneal tissue engineering. Biomaterials, 2010, 31, 8953-8963.	5.7	164
697	In situ elasticity modulation with dynamic substrates to direct cell phenotype. Biomaterials, 2010, 31, 1-8.	5.7	386
698	The differential regulation of cell motile activity through matrix stiffness and porosity in three dimensional collagen matrices. Biomaterials, 2010, 31, 6425-6435.	5.7	198

#	Article	IF	CITATIONS
699	Non-destructive label-free monitoring of collagen gel remodeling using optical coherence tomography. Biomaterials, 2010, 31, 8210-8217.	5.7	20
700	In vitro evaluation of novel chitosan derivatives sheet and paste cytocompatibility on human dermal fibroblasts. Carbohydrate Polymers, 2010, 79, 1094-1100.	5.1	44
701	Autocrine transforming growth factor \hat{l}^2 signaling regulates extracellular signal-regulated kinase $1/2$ phosphorylation via modulation of protein phosphatase 2A expression in scleroderma fibroblasts. Fibrogenesis and Tissue Repair, 2010, 3, 25.	3.4	21
702	Cell-matrix interactions in dermal repair and scarring. Fibrogenesis and Tissue Repair, 2010, 3, 4.	3.4	146
703	Matrix metalloproteinase inhibition delays wound healing and blocks the latent transforming growth factor-l ² 1-promoted myofibroblast formation and function. Wound Repair and Regeneration, 2010, 18, 223-234.	1.5	58
704	Regulation of fibroblast gene expression by keratinocytes in organotypic skin culture provides possible mechanisms for the antifibrotic effect of reepithelialization. Wound Repair and Regeneration, 2010, 18, 452-459.	1.5	25
705	A novel, orally active LPA $<$ sub $>$ 1 $<$ /sub $>$ receptor antagonist inhibits lung fibrosis in the mouse bleomycin model. British Journal of Pharmacology, 2010, 160, 1699-1713.	2.7	205
706	Skin and oral mucosa equivalents: construction and performance. Orthodontics and Craniofacial Research, 2010, 13, 11-20.	1.2	60
707	Oxygen in acute and chronic wound healing. British Journal of Dermatology, 2010, 163, 257-268.	1.4	537
708	Caspase-3-mediated secretion of connective tissue growth factor by apoptotic endothelial cells promotes fibrosis. Cell Death and Differentiation, 2010, 17, 291-303.	5.0	72
709	Muscle injury activates resident fibro/adipogenic progenitors that facilitate myogenesis. Nature Cell Biology, 2010, 12, 153-163.	4.6	1,299
710	Pathological airway remodelling in inflammation. Clinical Respiratory Journal, 2010, 4, 1-8.	0.6	64
711	IPF: new insight on pathogenesis and treatment. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 537-553.	2.7	93
712	Abnormalities of corneal wound healing. , 2010, , 9-15.		1
713	Inflammation in Cardiovascular Diseases. , 0, , 317-328.		0
714	Cancer associated fibroblasts (CAFs) in tumor microenvironment. Frontiers in Bioscience - Landmark, 2010, 15, 166.	3.0	532
715	Breakdown of cell-collagen networks through collagen remodeling. Biorheology, 2010, 47, 277-295.	1.2	30
716	Bacillus Calmette Guerin Induces Fibroblast Activation Both Directly and through Macrophages in a Mouse Bladder Cancer Model. PLoS ONE, 2010, 5, e13571.	1.1	16

#	Article	IF	Citations
717	Changes in Fibroblast Mechanostat Set Point and Mechanosensitivity: An Adaptive Response to Mechanical Stress in Floppy Eyelid Syndrome., 2010, 51, 3853.		37
718	Effect of Induced Myopia on Scleral Myofibroblasts and In Vivo Ocular Biomechanical Compliance in the Guinea Pig., 2010, 51, 6162.		27
720	Chronic Cyclooxygenase-2 Inhibition Promotes Myofibroblast-Associated Intestinal Fibrosis. Cancer Prevention Research, 2010, 3, 348-358.	0.7	27
721	The myofibroblast in connective tissue repair and regeneration. , 2010, , 39-80.		10
722	Smad3 Signaling Critically Regulates Fibroblast Phenotype and Function in Healing Myocardial Infarction. Circulation Research, 2010, 107, 418-428.	2.0	315
723	Nanoscale Topography–Induced Modulation of Fundamental Cell Behaviors of Rabbit Corneal Keratocytes, Fibroblasts, and Myofibroblasts. , 2010, 51, 1373.		90
724	Mechanisms of bradykinin-induced contraction in human fetal lung fibroblasts. European Respiratory Journal, 2010, 36, 655-664.	3.1	15
725	The Fibroblast Integrin $\hat{l}\pm 11\hat{l}^21$ Is Induced in a Mechanosensitive Manner Involving Activin A and Regulates Myofibroblast Differentiation. Journal of Biological Chemistry, 2010, 285, 10434-10445.	1.6	116
726	Perimysial Fibroblasts of Extraocular Muscle, as Unique as the Muscle Fibers., 2010, 51, 192.		24
727	Angiotensin-II-induced apoptosis requires regulation of nucleolin and Bcl-xL by SHP-2 in primary lung endothelial cells. Journal of Cell Science, 2010, 123, 1634-1643.	1.2	60
728	Force-induced Myofibroblast Differentiation through Collagen Receptors Is Dependent on Mammalian Diaphanous (mDia). Journal of Biological Chemistry, 2010, 285, 9273-9281.	1.6	53
729	Unique precursors for the mesenchymal cells involved in injury response and fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13730-13735.	3.3	43
730	Feedback amplification of fibrosis through matrix stiffening and COX-2 suppression. Journal of Cell Biology, 2010, 190, 693-706.	2.3	657
731	TRPM7-Mediated Ca ²⁺ Signals Confer Fibrogenesis in Human Atrial Fibrillation. Circulation Research, 2010, 106, 992-1003.	2.0	298
732	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. Journal of Experimental Medicine, 2010, 207, 1589-1597.	4.2	822
733	Curcumin inhibits fibrosis-related effects in IPF fibroblasts and in mice following bleomycin-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L616-L625.	1.3	91
734	The role of salivary histatin and the human cathelicidin LL-37 in wound healing and innate immunity. Biological Chemistry, 2010, 391, 541-548.	1.2	56
735	Polarity Patterns of Stress Fibers. Physical Review Letters, 2010, 105, 238103.	2.9	15

#	ARTICLE	IF	CITATIONS
736	Cell Communications in the Heart. Circulation, 2010, 122, 928-937.	1.6	243
737	The Induction of an Angiogenic Response in Corneal Myofibroblasts by Platelet-Activating Factor (PAF). Current Eye Research, 2010, 35, 1063-1071.	0.7	11
738	Scientific understanding and clinical management of Dupuytren disease. Nature Reviews Rheumatology, 2010, 6, 715-726.	3 . 5	134
739	The IL1-like cytokine IL33 and its receptor ST2 are abnormally expressed in the affected skin and visceral organs of patients with systemic sclerosis. Annals of the Rheumatic Diseases, 2010, 69, 598-605.	0.5	97
740	NAD(P)H Oxidase Mediates TGF-β1–Induced Activation of Kidney Myofibroblasts. Journal of the American Society of Nephrology: JASN, 2010, 21, 93-102.	3.0	259
741	Thy-1-Integrin $\hat{l}\pm v\hat{l}^25$ Interactions Inhibit Lung Fibroblast Contraction-induced Latent Transforming Growth Factor- \hat{l}^21 Activation and Myofibroblast Differentiation. Journal of Biological Chemistry, 2010, 285, 22382-22393.	1.6	110
742	EDAâ€containing cellular fibronectin induces fibroblast differentiation through binding to α ₄ 1² ₇ integrin receptor and MAPK/Erk 1/2â€dependent signaling. FASEB Journal, 2010, 24, 4503-4512.	0.2	130
743	A new lock-step mechanism of matrix remodelling based on subcellular contractile events. Journal of Cell Science, 2010, 123, 1751-1760.	1.2	105
744	Defective granulation tissue formation in mice with specific ablation of integrin-linked kinase in fibroblasts – role of TGFβ1 levels and RhoA activity. Journal of Cell Science, 2010, 123, 3872-3883.	1.2	46
745	Myocardin-Related Transcription Factor-A Controls Myofibroblast Activation and Fibrosis in Response to Myocardial Infarction. Circulation Research, 2010, 107, 294-304.	2.0	329
746	The Mast Cell Stabilizer Ketotifen Fumarate Lessens Contracture Severity and Myofibroblast Hyperplasia. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1468-1477.	1.4	55
747	Akt3-Mediated Resistance to Apoptosis in B-RAF–Targeted Melanoma Cells. Cancer Research, 2010, 70, 6670-6681.	0.4	166
748	Adhesion of fibroblasts on micro- and nanostructured surfaces prepared by chemical vapor deposition and pulsed laser treatment. Biofabrication, 2010, 2, 035001.	3.7	18
749	Autocrine production of TGF- \hat{l}^21 promotes myofibroblastic differentiation of neonatal lung mesenchymal stem cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L735-L743.	1.3	111
750	Integrin signaling and lung cancer. Cell Adhesion and Migration, 2010, 4, 124-129.	1.1	47
751	Orthodontic mechanical tension effects on the myofibroblast expression of alpha-smooth muscle actin. Angle Orthodontist, 2010, 80, 912-918.	1.1	22
752	Hypoxia Impairs Skin Myofibroblast Differentiation and Function. Journal of Investigative Dermatology, 2010, 130, 2818-2827.	0.3	74
753	Human Lung Parenchyma but Not Proximal Bronchi Produces Fibroblasts with Enhanced TGF- \hat{l}^2 Signaling and \hat{l}_\pm -SMA Expression. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 641-651.	1.4	59

#	Article	IF	Citations
754	Eotaxin-2/CCL24 and eotaxin-3/CCL26 exert differential profibrogenic effects on human lung fibroblasts. Annals of Allergy, Asthma and Immunology, 2010, 104, 66-72.	0.5	45
755	Forces During Cell Adhesion and Spreading: Implications for Cellular Homeostasis. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2010, , 29-69.	0.7	14
756	The Mechanical Environment of Cells in Collagen Gel Models. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2010, , 201-245.	0.7	4
757	Chymase mediates paraquat-induced collagen production in human lung fibroblasts. Toxicology Letters, 2010, 193, 19-25.	0.4	17
758	"Hypoxia-induced down-regulation of microRNA-449a/b impairs control over targeted SERPINE1 (PAI-1) mRNA - a mechanism involved in SERPINE1 (PAI-1) overexpression". Journal of Translational Medicine, 2010, 8, 33.	1.8	35
759	Regulation of Extracellular Matrix Remodeling Associated With Pelvic Organ Prolapse. Journal of Experimental and Clinical Medicine, 2010, 2, 11-16.	0.2	21
760	Differential Roles of Macrophages in Diverse Phases of Skin Repair. Journal of Immunology, 2010, 184, 3964-3977.	0.4	944
761	Cell Motility and Mechanics in Three-Dimensional Collagen Matrices. Annual Review of Cell and Developmental Biology, 2010, 26, 335-361.	4.0	298
762	The potential roles of cell migration and extra-cellular matrix interactions in Dupuytren's disease progression and recurrence. Medical Hypotheses, 2010, 74, 510-512.	0.8	19
763	There's something about passive movement…. Medical Hypotheses, 2010, 75, 106-110.	0.8	20
764	Dupuytren's Fibroblast Contractility by Sphingosine-1-Phosphate Is Mediated Through Non-Muscle Myosin II. Journal of Hand Surgery, 2010, 35, 1580-1588.	0.7	10
765	Collagen XVI induces formation of focal contacts on intestinal myofibroblasts isolated from the normal and inflamed intestinal tract. Matrix Biology, 2010, 29, 177-193.	1.5	26
766	Methylglyoxal-modified collagen promotes myofibroblast differentiation. Matrix Biology, 2010, 29, 537-548.	1.5	62
767	Tissue engineering of skin. Burns, 2010, 36, 450-460.	1.1	308
768	Cellular pathology of mitral valve prolapse. Cardiovascular Pathology, 2010, 19, e113-e117.	0.7	24
769	Platelet-derived growth factor acts via both the Rho-kinase and p38 signaling enzymes to stimulate contraction in an in vitro model of equine wound healing. Domestic Animal Endocrinology, 2010, 38, 253-259.	0.8	11
770	Characterization of corneal keratocyte morphology and mechanical activity within 3-D collagen matrices. Experimental Eye Research, 2010, 90, 350-359.	1.2	48
771	Origin and function of tumor stroma fibroblasts. Seminars in Cell and Developmental Biology, 2010, 21, 40-46.	2.3	98

#	Article	IF	Citations
772	The extracellular matrix as a modulator of the inflammatory and reparative response following myocardial infarction. Journal of Molecular and Cellular Cardiology, 2010, 48, 504-511.	0.9	450
773	Pathogenetic mechanisms in radiation fibrosis. Radiotherapy and Oncology, 2010, 97, 149-161.	0.3	498
774	Protease-Activated Receptor-2 Induces Myofibroblast Differentiation and Tissue Factor Up-Regulation during Bleomycin-Induced Lung Injury. American Journal of Pathology, 2010, 177, 2753-2764.	1.9	55
775	The effect of mesenchymal stem cell conditioned media on corneal stromal fibroblast wound healing activities. British Journal of Ophthalmology, 2010, 94, 1067-1073.	2.1	25
776	Mesenchymal Stem Cells Provide Better Results Than Hematopoietic Precursors for the Treatment of Myocardial Infarction. Journal of the American College of Cardiology, 2010, 55, 2244-2253.	1.2	76
777	Mechanosensitivity of the Heart. , 2010, , .		9
778	Bioapplications of Networks Based on Photoâ€Crossâ€Linked Hyperbranched Polymers. Macromolecular Symposia, 2010, 291-292, 307-313.	0.4	6
779	An organismal view of cellular aging. Medecine Et Longevite, 2010, 2, 141-150.	0.1	6
782	Lung epithelial wound healing in health and disease. Expert Review of Respiratory Medicine, 2010, 4, 647-660.	1.0	30
783	The effect of the pro-inflammatory cytokine tumor necrosis factor-alpha on human joint capsule myofibroblasts. Arthritis Research and Therapy, 2010, 12, R4.	1.6	39
784	Mechanical Induction of Gene Expression in Connective Tissue Cells. Methods in Cell Biology, 2010, 98, 178-205.	0.5	46
785	Hydrogels modified with QHREDGS peptide support cardiomyocyte survival in vitro and after sub-cutaneous implantation. Soft Matter, 2010, 6, 5089.	1.2	31
786	Cancer Exosomes Trigger Fibroblast to Myofibroblast Differentiation. Cancer Research, 2010, 70, 9621-9630.	0.4	685
787	The Role of Endothelin-1 in the Pathogenesis of Idiopathic Pulmonary Fibrosis. BioDrugs, 2010, 24, 49-54.	2.2	61
788	Satellite cells, connective tissue fibroblasts and their interactions are crucial for muscle regeneration. Development (Cambridge), 2011, 138, 3625-3637.	1.2	960
789	Dupuytren's: a systems biology disease. Arthritis Research and Therapy, 2011, 13, 238.	1.6	36
790	Magnetoelastic Materials as Novel Bioactive Coatings for the Control of Cell Adhesion. IEEE Transactions on Biomedical Engineering, 2011, 58, 698-704.	2.5	17
791	Role of Kindlin-2 in Fibroblast Functions: Implications for Wound Healing. Journal of Investigative Dermatology, 2011, 131, 245-256.	0.3	38

#	Article	IF	Citations
792	Blood coagulation factor Xa as an emerging drug target. Expert Opinion on Therapeutic Targets, 2011, 15, 341-349.	1.5	29
793	Adenylyl Cyclase 6 Improves Calcium Uptake and Left Ventricular Function in Aged Hearts. Journal of the American College of Cardiology, 2011, 57, 1846-1855.	1.2	29
794	The extra domain AÂof fibronectin is essential for allergen-induced airway fibrosis and hyperresponsiveness in mice. Journal of Allergy and Clinical Immunology, 2011, 127, 439-446.e5.	1.5	27
795	Identification of ETFB as a candidate protein that participates in the mechanoregulation of fibroblast cell number in collagen gel culture. Journal of Dermatological Science, 2011, 64, 119-126.	1.0	6
796	Myofibroblast differentiation and survival in fibrotic disease. Expert Reviews in Molecular Medicine, 2011, 13, e27.	1.6	179
797	Therapeutic targeting of tumor–stroma interactions. Expert Opinion on Therapeutic Targets, 2011, 15, 609-621.	1.5	26
798	Role of cancer-associated fibroblasts in breast cancer development and prognosis. International Journal of Developmental Biology, 2011, 55, 841-849.	0.3	95
799	The Role of the Myofibroblast in Fibrosis and Cancer Progression. , 2011, , 37-74.		5
800	Actin cytoskeleton in myofibroblast differentiation: Ultrastructure defining form and driving function. Translational Research, 2011, 158, 181-196.	2.2	138
801	Granulation tissue formation and remodeling. Endodontic Topics, 2011, 24, 94-129.	0.5	51
802	New Insights into the Pathogenesis and Treatment of Idiopathic Pulmonary Fibrosis. Drugs, 2011, 71, 981-1001.	4.9	56
803	A Key Role for NOX4 in Epithelial Cell Death During Development of Lung Fibrosis. Antioxidants and Redox Signaling, 2011, 15, 607-619.	2.5	249
804	Mechanobiology of Cell-Cell and Cell-Matrix Interactions. , 2011, , .		19
805	Myocardin-Related Transcription Factors A and B Are Key Regulators of TGF- $\hat{1}^21$ -Induced Fibroblast to Myofibroblast Differentiation. Journal of Investigative Dermatology, 2011, 131, 2378-2385.	0.3	120
806	Cell–Matrix Interactions in the Pathobiology of Calcific Aortic Valve Disease. Circulation Research, 2011, 108, 1510-1524.	2.0	248
807	Femtosecond laser patterning of biological materials. , 2011, , .		0
808	Cellular and Biomolecular Mechanics and Mechanobiology. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , .	0.7	8
809	Analysis of the paracrine loop between cancer cells and fibroblasts using a microfluidic chip. Lab on A Chip, 2011, 11, 1808.	3.1	48

#	Article	IF	CITATIONS
810	Toll-like receptor 3 upregulation by type I interferon in healthy and scleroderma dermal fibroblasts. Arthritis Research and Therapy, 2011, 13, R3.	1.6	90
811	Control of the Mesenchymal-Derived Cell Phenotype by Ski and Meox2: A Putative Mechanism for Postdevelopmental Phenoconversion., 2011,, 29-42.		0
812	Profibrotic Phenotype of Conjunctival Fibroblasts from Mucous Membrane Pemphigoid. American Journal of Pathology, 2011, 178, 187-197.	1.9	41
813	TRPV1 Involvement in Inflammatory Tissue Fibrosis in Mice. American Journal of Pathology, 2011, 178, 2654-2664.	1.9	80
814	Apoptosis-Like Cell Death Induction and Aberrant Fibroblast Properties in Human Incisional Hernia Fascia. American Journal of Pathology, 2011, 178, 2641-2653.	1.9	15
815	Relaxin Regulates Myofibroblast Contractility and Protects against Lung Fibrosis. American Journal of Pathology, 2011, 179, 2751-2765.	1.9	90
817	Cyclic mechanical stretch reduces myofibroblast differentiation of primary lung fibroblasts. Biochemical and Biophysical Research Communications, 2011, 404, 23-27.	1.0	69
818	Myofibroblast differentiation during fibrosis: role of NAD(P)H oxidases. Kidney International, 2011, 79, 944-956.	2.6	353
819	Fascia and the mechanism of acupuncture. Journal of Bodywork and Movement Therapies, 2011, 15, 168-176.	0.5	27
820	The effects of the Bowen technique on hamstring flexibility over time: A randomised controlled trial. Journal of Bodywork and Movement Therapies, 2011, 15, 281-290.	0.5	18
821	A Novel Role for NKT Cells in Cutaneous Wound Repair. Journal of Surgical Research, 2011, 168, 325-333.e1.	0.8	25
822	Protective Effects of Dexpanthenol and Y-27632 on Stricture Formation in a Rat Model of Caustic Esophageal Injury. Journal of Surgical Research, 2011, 171, 517-523.	0.8	13
823	Fibroblasts and myofibroblasts in wound healing: Force generation and measurement. Journal of Tissue Viability, 2011, 20, 108-120.	0.9	387
824	Renal fibrosis and proteomics: Current knowledge and still key open questions for proteomic investigation. Journal of Proteomics, 2011, 74, 1855-1870.	1.2	31
825	Molecular determinants of cardiac fibroblast electrical function and therapeutic implications for atrial fibrillation. Cardiovascular Research, 2011, 89, 744-753.	1.8	325
826	Transition of asthmatic bronchial fibroblasts to myofibroblasts is inhibited by cell–cell contacts. Respiratory Medicine, 2011, 105, 1467-1475.	1.3	23
827	TGF-Î ² signaling in fibrosis. Growth Factors, 2011, 29, 196-202.	0.5	908
828	The extracellular matrix: an active or passive player in fibrosis?. American Journal of Physiology - Renal Physiology, 2011, 301, G950-G955.	1.6	240

#	Article	IF	CITATIONS
829	Regulation of tumor invasion by interstitial fluid flow. Physical Biology, 2011, 8, 015012.	0.8	96
830	The correlation of in vivo burn scar contraction with the level of \hat{l}_{\pm} -smooth muscle actin expression. Burns, 2011, 37, 1367-1377.	1.1	38
831	The Role of SRC in Strain- and Ligand- Dependent Phenotypic Modulation of Mouse Embryonic Fibroblasts. , $2011,\ldots$		1
832	Endothelin Receptor Antagonists as Disease Modifiers in Systemic Sclerosis. Inflammation and Allergy: Drug Targets, 2011, 10, 19-26.	1.8	20
833	Rapid Prototyping of Engineered Heart Tissues through Miniaturization and Phenotype-Automation. , 2011, , .		0
834	Mesoscale Engineering of Collagen as a Functional Biomaterial. , 2011, , 37-49.		2
835	Cellular Interplay between Cardiomyocytes and Nonmyocytes in Cardiac Remodeling. International Journal of Inflammation, 2011, 2011, 1-13.	0.9	81
836	Extracellular Matrix Elasticity Modulates TGF-β–Induced p38 Activation and Myofibroblast Transdifferentiation in Human Tenon Fibroblasts. , 2011, 52, 9149.		31
837	Myocardial Basis for Heart Failure. , 2011, , 73-84.		1
838	Cancer Cell Invasion Is Enhanced by Applied Mechanical Stimulation. PLoS ONE, 2011, 6, e17277.	1.1	71
839	ALMS1-Deficient Fibroblasts Over-Express Extra-Cellular Matrix Components, Display Cell Cycle Delay and Are Resistant to Apoptosis. PLoS ONE, 2011, 6, e19081.	1.1	58
840	Recapitulation of Fibromatosis Nodule by Multipotential Stem Cells in Immunodeficient Mice. PLoS ONE, 2011, 6, e24050.	1.1	4
841	The Cardiac Fibroblast: Functional and Electrophysiological Considerations in Healthy and Diseased Hearts. Journal of Cardiovascular Pharmacology, 2011, 57, 380-388.	0.8	117
842	Fibroblasts and Myofibroblasts: What Are We Talking About?. Journal of Cardiovascular Pharmacology, 2011, 57, 376-379.	0.8	372
843	Template for Skin Regeneration. Plastic and Reconstructive Surgery, 2011, 127, 60S-70S.	0.7	84
844	Cardiac Fibroblasts in Cell Culture Systems: Myofibroblasts All Along?. Journal of Cardiovascular Pharmacology, 2011, 57, 389-399.	0.8	66
845	Wound Contraction Is Attenuated by Fasudil Inhibition of Rho-Associated Kinase. Plastic and Reconstructive Surgery, 2011, 128, 438e-450e.	0.7	40
846	Vitamin D in Atherosclerosis, Vascular Disease, and Endothelial Function. Current Drug Targets, 2011, 12, 54-60.	1.0	121

#	Article	IF	Citations
847	Glycoxidation and Wound Healing in Diabetes: An Interesting Relationship. Current Diabetes Reviews, 2011, 7, 416-425.	0.6	20
848	Targeting the Arrhythmogenic Substrate in Atrial Fibrillation: Focus on Structural Remodeling. Current Drug Targets, 2011, 12, 263-286.	1.0	11
849	Niche contributions to oncogenesis: emerging concepts and implications for the hematopoietic system. Haematologica, 2011, 96, 1041-1048.	1.7	64
850	Utilization of Kinesio Taping for Fascia Unloading. International Journal of Athletic Therapy and Training, 2011, 16, 21-27.	0.1	14
851	Relaxant Effect of Prostaglandin D2–Receptor DP Agonist on Liver Myofibroblast Contraction. Journal of Pharmacological Sciences, 2011, 116, 197-203.	1.1	2
852	Injured kidney cells express SM22α (transgelin): Unique features distinct from αâ€smooth muscle actin (Ĩ±SMA). Nephrology, 2011, 16, 211-218.	0.7	8
853	Collagen triple helix repeat containing-1 inhibits transforming growth factor- \hat{l}^21 -induced collagen type I expression in keloid. British Journal of Dermatology, 2011, 164, 1030-1036.	1.4	37
854	Fibroblasts and myofibroblasts in renal fibrosis. International Journal of Experimental Pathology, 2011, 92, 158-167.	0.6	294
855	Fibroblast activation in vascular inflammation. Journal of Thrombosis and Haemostasis, 2011, 9, 619-626.	1.9	48
856	Cellular/extracellular matrix crossâ€talk in scar evolution and control. Wound Repair and Regeneration, 2011, 19, 117-133.	1.5	60
857	Dynamic reciprocity in the wound microenvironment. Wound Repair and Regeneration, 2011, 19, 134-148.	1.5	368
858	An ultrastructural and biochemical analysis of collagen in rat peripheral nerves: the relationship between fibril diameter and mechanical properties. Journal of the Peripheral Nervous System, 2011, 16, 261-269.	1.4	24
859	Ras gene mutation is not related to tumour invasion during rat tongue carcinogenesis induced by 4-nitroquinoline 1-oxide. Journal of Oral Pathology and Medicine, 2011, 40, 325-333.	1.4	18
860	Evaluation of myofibroblasts in oral submucous fibrosis: correlation with disease severity. Journal of Oral Pathology and Medicine, 2011, 40, 208-213.	1.4	72
861	Matrix metalloproteinases in health and disease: regulation by melatonin. Journal of Pineal Research, 2011, 50, 8-20.	3.4	86
862	Temporal spatial expression and function of non-muscle myosin II isoforms IIA and IIB in scar remodeling. Laboratory Investigation, 2011, 91, 499-508.	1.7	35
863	Wound healing after mulesing and other options for controlling breech flystrike in Merino lambs: quantitative and semiquantitative analysis of wound healing and wound bed contraction. Australian Veterinary Journal, 2011, 89, 61-69.	0.5	2
864	Penile Duplex Ultrasonography in Men with Peyronie's Disease: Is it Veno-Occlusive Dysfunction or Poor Cavernosal Arterial Inflow that Contributes to Erectile Dysfunction?. Journal of Sexual Medicine, 2011, 8, 3446-3451.	0.3	48

#	ARTICLE	IF	Citations
865	An improved cell isolation method for flow cytometric and functional analyses of cutaneous wound leukocytes. Journal of Immunological Methods, 2011, 373, 161-166.	0.6	17
866	Myofibroblasts in the stroma of oral cancer promote tumorigenesis via secretion of activin A. Oral Oncology, 2011, 47, 840-846.	0.8	80
867	Human umbilical cord stromal stem cell express CD10 and exert contractile properties. Placenta, 2011, 32, 86-95.	0.7	52
868	Fibroblast expression of \hat{l} ±-smooth muscle actin, \hat{l} ±2 \hat{l} 21 integrin and \hat{l} ± $v\hat{l}$ 23 integrin: Influence of surface rigidity. Experimental and Molecular Pathology, 2011, 91, 394-399.	0.9	41
869	\hat{l}_{\pm} -Smooth muscle actin and TGF- \hat{l}^2 receptor I expression in the healing rabbit medial collateral and anterior cruciate ligaments. Injury, 2011, 42, 735-741.	0.7	22
870	The kidney as a target organ in pharmaceutical research. Drug Discovery Today, 2011, 16, 244-259.	3.2	3
871	The effect of MMP inhibitor GM6001 on early fibroblast-mediated collagen matrix contraction is correlated to a decrease in cell protrusive activity. European Journal of Cell Biology, 2011, 90, 26-36.	1.6	30
872	ATP induces contraction mediated by the P2Y2 receptor in rat intestinal subepithelial myofibroblasts. European Journal of Pharmacology, 2011, 657, 152-158.	1.7	17
873	MG132 treatment attenuates cardiac remodeling and dysfunction following aortic banding in rats via the NF- \hat{l}^2 B/TGF \hat{l}^2 1 pathway. Biochemical Pharmacology, 2011, 81, 1228-1236.	2.0	43
874	Differential collagen–glycosaminoglycan matrix remodeling by superficial and deep dermal fibroblasts: Potential therapeutic targets for hypertrophic scar. Biomaterials, 2011, 32, 7581-7591.	5.7	53
875	Growth promoting substrates for human dermal fibroblasts provided by artificial extracellular matrices composed of collagen I and sulfated glycosaminoglycans. Biomaterials, 2011, 32, 8938-8946.	5.7	75
876	Comparative Effects of Low-Intensity Pulsed Ultrasound and Low-Level Laser Therapy on Injured Skeletal Muscle. Photomedicine and Laser Surgery, 2011, 29, 5-10.	2.1	47
877	Comparative study of the effects of low-intensity pulsed ultrasound and low-level laser therapy on injured muscle repair. Proceedings of SPIE, 2011 , , .	0.8	0
878	Analysis of intestinal fibrosis in chronic colitis in mice induced by dextran sulfate sodium. Pathology International, 2011, 61, 228-238.	0.6	61
879	Substrates for cardiovascular tissue engineering. Advanced Drug Delivery Reviews, 2011, 63, 221-241.	6.6	235
880	Measurement of contractile forces generated by individual fibroblasts on self-standing fiber scaffolds. Biomedical Microdevices, 2011, 13, 107-115.	1.4	22
881	shRNA targeting SFRP2 promotes the apoptosis of hypertrophic scar fibroblast. Molecular and Cellular Biochemistry, 2011, 352, 25-33.	1.4	15
882	Immunohistochemical study of stromal and vascular components of tonsillar polyps: high endothelial venules as participants of the polyp's lymphoid tissue. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2011, 459, 65-71.	1.4	15

#	Article	IF	CITATIONS
883	Cyclic nucleotide phosphodiesterase 1A: a key regulator of cardiac fibroblast activation and extracellular matrix remodeling in the heart. Basic Research in Cardiology, 2011, 106, 1023-1039.	2.5	91
884	Biomechanical Forces Shape the Tumor Microenvironment. Annals of Biomedical Engineering, 2011, 39, 1379-1389.	1.3	144
885	Matrix control of scarring. Cellular and Molecular Life Sciences, 2011, 68, 1871-1881.	2.4	50
886	Deconstructing fibrosis research: do pro-fibrotic signals point the way for chronic dermal wound regeneration?. Journal of Cell Communication and Signaling, 2011, 5, 301-315.	1.8	34
887	Calcium-Dependent Signaling in Dupuytren's Disease. Hand, 2011, 6, 159-164.	0.7	7
888	Elevated transforming growth factor \hat{l}^2 and mitogen-activated protein kinase pathways mediate fibrotic traits of Dupuytren's disease fibroblasts. Fibrogenesis and Tissue Repair, 2011, 4, 14.	3.4	55
889	Plasma and cellular fibronectin: distinct and independent functions during tissue repair. Fibrogenesis and Tissue Repair, 2011, 4, 21.	3.4	436
890	Thrombospondin 1 is a key mediator of transforming growth factor \hat{l}^2 -mediated cell contractility in systemic sclerosis via a mitogen-activated protein kinase kinase (MEK)/extracellular signal-regulated kinase (ERK)-dependent mechanism. Fibrogenesis and Tissue Repair, 2011, 4, 9.	3.4	42
891	Clinical results of a surgical technique using endobuttons for complete tendon tear of pectoralis major muscle: report of five cases. The Sports Medicine, Arthroscopy, Rehabilitationrapy and Technology, 2011, 3, 20.	1.0	27
892	Genetic changes in tumour microenvironments. Journal of Pathology, 2011, 223, 450-458.	2.1	31
893	Cytokine Loaded Biopolymers as a Novel Strategy to Study Stem Cells during Woundâ€Healing Processes. Macromolecular Bioscience, 2011, 11, 1008-1019.	2.1	14
894	Strong neurogenesis, angiogenesis, synaptogenesis, and antifibrosis of hepatocyte growth factor in rats brain after transient middle cerebral artery occlusion. Journal of Neuroscience Research, 2011, 89, 86-95.	1.3	75
895	Development and Longâ€Term In Vivo Evaluation of a Biodegradable Urethaneâ€Doped Polyester Elastomer. Macromolecular Materials and Engineering, 2011, 296, 1149-1157.	1.7	19
896	Pulmonary microvascular endothelial cells from bleomycinâ€induced rats promote the transformation and collagen synthesis of fibroblasts. Journal of Cellular Physiology, 2011, 226, 2091-2102.	2.0	21
897	Tumor-secreted lysophostatidic acid accelerates hepatocellular carcinoma progression by promoting differentiation of peritumoral fibroblasts in myofibroblasts. Hepatology, 2011, 54, 920-930.	3.6	122
898	Induction of phenotype modifying cytokines by <i>FERMT1</i> mutations. Human Mutation, 2011, 32, 397-406.	1.1	32
899	N-cadherin is overexpressed in Crohn $\hat{E}\frac{1}{4}$ s stricture fibroblasts and promotes intestinal fibroblast migration. Inflammatory Bowel Diseases, 2011, 17, 1665-1673.	0.9	34
900	Antiâ€stromal therapy with imatinib inhibits growth and metastasis of gastric carcinoma in an orthotopic nude mouse model. International Journal of Cancer, 2011, 128, 2050-2062.	2.3	53

#	Article	IF	Citations
901	Tangled fibroblasts in tumorâ€stroma interactions. International Journal of Cancer, 2011, 129, 1795-1805.	2.3	28
902	The inflammasome activating caspase 1 mediates fibrosis and myofibroblast differentiation in systemic sclerosis. Arthritis and Rheumatism, 2011, 63, 3563-3574.	6.7	152
903	Ultrastructural and Immunohistochemical Analysis of Intestinal Myofibroblasts During the Early Organogenesis of the Human Small Intestine. Anatomical Record, 2011, 294, 462-471.	0.8	14
904	l̃²-Catenin Mediates Mechanically Regulated, Transforming Growth Factor-l̃²1–Induced Myofibroblast Differentiation of Aortic Valve Interstitial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 590-597.	1.1	167
905	Transcription Factor ets-2 Plays an Important Role in the Pathogenesis of Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 999-1006.	1.4	18
906	Genomic Differences Distinguish the Myofibroblast Phenotype of Distal Lung Fibroblasts from Airway Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1256-1262.	1.4	25
907	Hepatic stellate cells require a stiff environment for myofibroblastic differentiation. American Journal of Physiology - Renal Physiology, 2011, 301, G110-G118.	1.6	276
908	Notch Induces Myofibroblast Differentiation of Alveolar Epithelial Cells via Transforming Growth Factor–β–Smad3 Pathway. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 136-144.	1.4	80
909	Both obesity-prone and obesity-resistant rats present delayed cutaneous wound healing. British Journal of Nutrition, 2011, 106, 603-611.	1.2	24
910	Endothelin in Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 1-10.	1.4	62
911	Abolishing Myofibroblast Arrhythmogeneicity by Pharmacological Ablation of α-Smooth Muscle Actin Containing Stress Fibers. Circulation Research, 2011, 109, 1120-1131.	2.0	56
912	Heart valve tissue regeneration. , 2011, , 202-224.		5
913	Osteopontin and allergic disease: pathophysiology and implications for diagnostics and therapy. Expert Review of Clinical Immunology, 2011, 7, 93-109.	1.3	26
914	Myofibroblast-Mediated Adventitial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2391-2396.	1.1	118
915	Stroma-Directed Molecular Targeted Therapy in Gastric Cancer. Cancers, 2011, 3, 4245-4257.	1.7	7
916	Getting Physical With the Aortic Valve. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 474-475.	1.1	1
917	CXCL16 Recruits Bone Marrow-Derived Fibroblast Precursors in Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2011, 22, 1876-1886.	3.0	107
918	Myoepithelial Cell Contraction and Milk Ejection Are Impaired in Mammary Glands of Mice Lacking Smooth Muscle Alpha-Actin1. Biology of Reproduction, 2011, 85, 13-21.	1.2	69

#	Article	IF	CITATIONS
919	N-cadherin Cell-Cell Adhesion Complexes Are Regulated by Fibronectin Matrix Assembly. Journal of Biological Chemistry, 2011, 286, 3149-3160.	1.6	35
920	Deficiency of Biglycan Causes Cardiac Fibroblasts to Differentiate into a Myofibroblast Phenotype. Journal of Biological Chemistry, 2011, 286, 17365-17375.	1.6	60
921	Mechanical Coupling Between Myofibroblasts and Cardiomyocytes Slows Electric Conduction in Fibrotic Cell Monolayers. Circulation, 2011, 123, 2083-2093.	1.6	142
922	Increased Cell Surface Fas Expression Is Necessary and Sufficient To Sensitize Lung Fibroblasts to Fas Ligation-Induced Apoptosis: Implications for Fibroblast Accumulation in Idiopathic Pulmonary Fibrosis. Journal of Immunology, 2011, 187, 527-537.	0.4	64
923	Connective tissue fibroblasts and Tcf4 regulate myogenesis. Development (Cambridge), 2011, 138, 371-384.	1.2	266
924	Secretoglobin 3A2 Suppresses Bleomycin-induced Pulmonary Fibrosis by Transforming Growth Factor \hat{l}^2 Signaling Down-regulation. Journal of Biological Chemistry, 2011, 286, 19682-19692.	1.6	31
925	Exercise training reduces fibrosis and matrix metalloproteinase dysregulation in the aging rat heart. FASEB Journal, 2011, 25, 1106-1117.	0.2	90
926	Rat as an animal model for Peyronie's disease research: a review of current methods and the peer-reviewed literature. International Journal of Impotence Research, 2011, 23, 235-241.	1.0	36
927	Upregulation of cancer-associated myofibroblasts by TGF- \hat{l}^2 from scirrhous gastric carcinoma cells. British Journal of Cancer, 2011, 105, 996-1001.	2.9	91
928	Adenosine A2A receptor activation prevents progressive kidney fibrosis in a model of immune-associated chronic inflammation. Kidney International, 2011, 80, 378-388.	2.6	52
929	Hyaluronan Facilitates Transforming Growth Factor- \hat{l}^2 1-dependent Proliferation via CD44 and Epidermal Growth Factor Receptor Interaction. Journal of Biological Chemistry, 2011, 286, 17618-17630.	1.6	103
930	CCR2 mediates the uptake of bone marrow-derived fibroblast precursors in angiotensin II-induced cardiac fibrosis. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H538-H547.	1.5	78
931	Delayed stress fiber formation mediates pulmonary myofibroblast differentiation in response to TGF-β. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L656-L666.	1.3	88
932	Tumor Cell Invasion Is Promoted by Interstitial Flow-Induced Matrix Priming by Stromal Fibroblasts. Cancer Research, 2011, 71, 790-800.	0.4	151
933	Role of myosin light chain kinase in cardiotrophin-1-induced cardiac myofibroblast cell migration. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H514-H522.	1.5	28
934	Evaluation of Plaque Stability of Advanced Atherosclerotic Lesions in Apo E-Deficient Mice after Treatment with the Oral Factor Xa Inhibitor Rivaroxaban. Mediators of Inflammation, 2011, 2011, 1-9.	1.4	100
935	Interferon-Â-loaded collagen scaffolds reduce myofibroblast numbers in rat palatal mucosa. European Journal of Orthodontics, 2011, 33, 1-8.	1.1	16
936	Regulator of G protein signaling 2 is a functionally important negative regulator of angiotensin II-induced cardiac fibroblast responses. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H147-H156.	1.5	42

#	Article	IF	CITATIONS
937	Role of the Rho pathway in regulating valvular interstitial cell phenotype and nodule formation. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H448-H458.	1.5	52
938	Dendritic cell functional properties in a three-dimensional tissue model of human lung mucosa. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L226-L237.	1.3	50
939	ECM stiffness primes the $TGF\hat{l}^2$ pathway to promote chondrocyte differentiation. Molecular Biology of the Cell, 2012, 23, 3731-3742.	0.9	173
940	Improved throughput traction microscopy reveals pivotal role for matrix stiffness in fibroblast contractility and TGF- $\hat{\Gamma}^2$ responsiveness. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L169-L180.	1.3	131
941	Transient expression of myofibroblast-like cells in rat rib fracture callus. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 83, 93-98.	1.2	6
942	Identification of Major Active Ingredients Responsible for Burn Wound Healing of <i>Centella asiatica < /i>Herbs. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-13.</i>	0.5	75
943	Xenogenic Esophagus Scaffolds Fixed with Several Agents: Comparative <i>In Vivo </i> Study of Rejection and Inflammation. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-11.	3.0	25
944	Osteopontin in Systemic Sclerosis and Its Role in Dermal Fibrosis. Journal of Investigative Dermatology, 2012, 132, 1605-1614.	0.3	71
945	Cells Lacking \hat{l}^2 -Actin are Genetically Reprogrammed and Maintain Conditional Migratory Capacity*. Molecular and Cellular Proteomics, 2012, 11, 255-271.	2.5	93
946	Building Biocompatible Hydrogels for Tissue Engineering of the Brain and Spinal Cord. Journal of Functional Biomaterials, 2012, 3, 839-863.	1.8	61
947	MAPK Phosphorylation of Connexin 43 Promotes Binding of Cyclin E and Smooth Muscle Cell Proliferation. Circulation Research, 2012, 111, 201-211.	2.0	89
948	Mechanically induced structural changes during dynamic compression of engineered cartilaginous constructs can potentially explain increases in bulk mechanical properties. Journal of the Royal Society Interface, 2012, 9, 777-789.	1.5	16
949	Cellular and Molecular Mechanisms of Chronic Inflammation-Associated Organ Fibrosis. Frontiers in Immunology, 2012, 3, 71.	2.2	160
950	Molecular and cellular basis of hypertrophic scarring. , 2012, , 495-505.e5.		6
951	Periostin modulates myofibroblast differentiation during full-thickness cutaneous wound repair. Journal of Cell Science, 2012, 125, 121-132.	1.2	123
952	Corneal Antifibrotic Switch Identified in Genetic and Pharmacological Deficiency of Vimentin. Journal of Biological Chemistry, 2012, 287, 989-1006.	1.6	34
953	<i>Neuropilin-1</i> Stimulates Tumor Growth by Increasing Fibronectin Fibril Assembly in the Tumor Microenvironment. Cancer Research, 2012, 72, 4047-4059.	0.4	117
954	Vascular remodeling alters adhesion protein and cytoskeleton reactions to inflammatory stimuli resulting in enhanced permeability increases in rat venules. Journal of Applied Physiology, 2012, 113, 1110-1120.	1.2	20

#	ARTICLE	IF	CITATIONS
955	Interstitial Lung Disease in Systemic Sclerosis: Pathophysiology, Current and New Advances in Therapy. Inflammation and Allergy: Drug Targets, 2012, 11, 266-277.	1.8	10
956	Transforming Growth Factor Beta 1 Stimulates Profibrotic Activities of Luteal Fibroblasts in Cows1. Biology of Reproduction, 2012, 87, 127.	1.2	21
957	Suppressed Prostate Epithelial Development with Impaired Branching Morphogenesis in Mice Lacking Stromal Fibromuscular Androgen Receptor. Molecular Endocrinology, 2012, 26, 52-66.	3.7	55
958	Collagen Three-Dimensional Hydrogel Matrix Carrying Basic Fibroblast Growth Factor for the Cultivation of Mesenchymal Stem Cells and Osteogenic Differentiation. Tissue Engineering - Part A, 2012, 18, 1087-1100.	1.6	68
959	Collagen Organization Critical Role in Wound Contraction. Advances in Wound Care, 2012, 1, 3-9.	2.6	73
960	Low-grade myofibroblastic sarcoma of the palate. International Journal of Oral Science, 2012, 4, 170-173.	3.6	34
962	Mechanotransduction is enhanced by the synergistic action of heterotypic cell interactions and TGF $\hat{\mathbf{a}}\in\hat{\mathbf{l}}^21$. FASEB Journal, 2012, 26, 2522-2530.	0.2	13
963	Myofibroblasts in the Infarct Area: Concepts and Challenges. Microscopy and Microanalysis, 2012, 18, 35-49.	0.2	76
964	Activation of the Renin-Angiotensin System in Hyperoxia-Induced Lung Fibrosis in Neonatal Rats. Neonatology, 2012, 101, 47-54.	0.9	26
965	N-Acetylcysteine Downregulation of Lysyl Oxidase Activity Alleviating Bleomycin-Induced Pulmonary Fibrosis in Rats. Respiration, 2012, 84, 509-517.	1.2	36
966	Microarray Analysis of Dupuytren's Disease Cells: The Profibrogenic Role of the TGF-� Inducible p38 MAPK Pathway. Cellular Physiology and Biochemistry, 2012, 30, 927-942.	1.1	21
967	Molecular Serum Markers of Liver Fibrosis. Biomarker Insights, 2012, 7, BMI.S10009.	1.0	132
968	Dupuytren's disease: overview of a common connective tissue disease with a focus on emerging treatment options. International Journal of Clinical Rheumatology, 2012, 7, 309-323.	0.3	10
969	Electrical stimulation directs engineered cardiac tissue to an age-matched native phenotype. Journal of Tissue Engineering, 2012, 3, 204173141245535.	2.3	53
970	Suppression of neointimal hyperplasia by sirolimus-eluting expanded polytetrafluoroethylene (ePTFE) haemodialysis grafts in comparison with paclitaxel-coated grafts. Nephrology Dialysis Transplantation, 2012, 27, 1997-2004.	0.4	21
971	From acute injury to chronic disease: pathophysiological hypothesis of an epithelial/mesenchymal crosstalk alteration in CKD. Nephrology Dialysis Transplantation, 2012, 27, iii43-iii50.	0.4	5
972	Phosphodiesterase Type 5 Inhibition Reverts Prostate Fibroblast-to-Myofibroblast Trans-Differentiation. Endocrinology, 2012, 153, 5546-5555.	1.4	28
973	$\hat{l}\pm 11$ integrin stimulates myofibroblast differentiation in diabetic cardiomyopathy. Cardiovascular Research, 2012, 96, 265-275.	1.8	93

#	Article	IF	CITATIONS
974	Structural Remodeling and Mechanical Function in Heart Failure. Microscopy and Microanalysis, 2012, 18, 50-67.	0.2	38
975	Effect of near-infrared lasers on myofibroblast differentiation and contraction. Proceedings of SPIE, 2012, , .	0.8	0
976	Wnt/ \hat{l}^2 -catenin pathway forms a negative feedback loop during TGF- \hat{l}^2 1 induced human normal skin fibroblast-to-myofibroblast transition. Journal of Dermatological Science, 2012, 65, 38-49.	1.0	85
977	German S2k guidelines for the therapy of pathological scars (hypertrophic scars and keloids). JDDG - Journal of the German Society of Dermatology, 2012, 10, 747-760.	0.4	52
978	Cyclic mechanical stress downregulates endothelinâ€1 and its responsive genes independently of <scp>TGF</scp> β1 in dermal fibroblasts. Experimental Dermatology, 2012, 21, 765-770.	1.4	13
979	A TRPC6-Dependent Pathway for Myofibroblast Transdifferentiation and Wound Healing InÂVivo. Developmental Cell, 2012, 23, 705-715.	3.1	294
980	Effects of transforming growth factor-beta1 on cell motility, collagen gel contraction, myofibroblastic differentiation, and extracellular matrix expression of human adipose-derived stem cell. Human Cell, 2012, 25, 87-95.	1.2	30
981	Invasive breast cancer induces laminin-332 upregulation and integrin \hat{I}^24 neoexpression in myofibroblasts to confer an anoikis-resistant phenotype during tissue remodeling. Breast Cancer Research, 2012, 14, R88.	2.2	43
982	Elevated serum TRAIL levels in scleroderma patients and its possible association with pulmonary involvement. Clinical Rheumatology, 2012, 31, 1359-1364.	1.0	23
983	Regenerative Effects of Moxibustion on Skeletal Muscle in Collagen-Induced Arthritic Mice. JAMS Journal of Acupuncture and Meridian Studies, 2012, 5, 126-135.	0.3	12
984	Development of a Growing Rat Model for the InÂVivo Assessment of Engineered Aortic Conduits. Journal of Surgical Research, 2012, 176, 367-375.	0.8	42
985	Collagen Unfolding Accelerates Water Influx, Determining Hydration in the Interstitial Matrix. Biophysical Journal, 2012, 103, 2157-2166.	0.2	16
986	The Expression of \hat{l}_{\pm} -SMA in the Painful Traumatic Neuroma: Potential Role in the Pathobiology of Neuropathic Pain. Journal of Neurotrauma, 2012, 29, 2791-2797.	1.7	35
987	The Arp2/3 complex is required for lamellipodia extension and directional fibroblast cell migration. Journal of Cell Biology, 2012, 197, 239-251.	2.3	291
988	Mechanical Aspects of Lung Fibrosis. Proceedings of the American Thoracic Society, 2012, 9, 137-147.	3.5	169
989	Endogenous IL-33 Is Highly Expressed in Mouse Epithelial Barrier Tissues, Lymphoid Organs, Brain, Embryos, and Inflamed Tissues: In Situ Analysis Using a Novel ⟨i⟩Il-33–LacZ⟨/i⟩ Gene Trap Reporter Strain. Journal of Immunology, 2012, 188, 3488-3495.	0.4	404
990	Interstitial Fluid and Lymph Formation and Transport: Physiological Regulation and Roles in Inflammation and Cancer. Physiological Reviews, 2012, 92, 1005-1060.	13.1	538
991	An in vivo neovascularization assay for screening regulators of angiogenesis and assessing their effects on pre-existing vessels. Angiogenesis, 2012, 15, 643-655.	3.7	26

#	ARTICLE	IF	CITATIONS
992	Chemically Detachable Polyelectrolyte Multilayer Platform for Cell Sheet Engineering. Chemistry of Materials, 2012, 24, 930-937.	3.2	26
993	The complex dialogue between (myo)fibroblasts and the extracellular matrix during skin repair processes and ageing. Pathologie Et Biologie, 2012, 60, 20-27.	2.2	69
994	Dense fibrillar collagen matrices to analyse extracellular matrix receptor function. Pathologie Et Biologie, 2012, 60, 7-14.	2.2	5
995	ACTIN., 2012,, 3-28.		1
996	Instructive Nanofiber Scaffolds with VEGF Create a Microenvironment for Arteriogenesis and Cardiac Repair. Science Translational Medicine, 2012, 4, 146ra109.	5.8	136
997	Interferonâ€gamma inhibits healing post scald burn injury. Wound Repair and Regeneration, 2012, 20, 580-591.	1.5	36
998	The thoracolumbar fascia: anatomy, function and clinical considerations. Journal of Anatomy, 2012, 221, 507-536.	0.9	375
999	Tendinopathy in Sport. Sports Health, 2012, 4, 193-201.	1.3	109
1000	From Mechanical Force to RhoA Activation. Biochemistry, 2012, 51, 7420-7432.	1.2	193
1001	The role of the myofibroblast in tumor stroma remodeling. Cell Adhesion and Migration, 2012, 6, 203-219.	1.1	202
1002	Participation of miR-200 in Pulmonary Fibrosis. American Journal of Pathology, 2012, 180, 484-493.	1.9	232
1003	Host-Derived TGFB1 Deficiency Suppresses Lesion Development in a Mouse Model of Endometriosis. American Journal of Pathology, 2012, 180, 880-887.	1.9	66
1004	STAT3-Mediated Signaling Dysregulates Lung Fibroblast-Myofibroblast Activation and Differentiation in UIP/IPF. American Journal of Pathology, 2012, 180, 1398-1412.	1.9	103
1005	Effect of substrate stiffness on pulmonary fibroblast activation by TGF-Î ² . Acta Biomaterialia, 2012, 8, 2602-2611.	4.1	36
1006	Paclitaxel coating of the luminal surface of hemodialysis grafts with effective suppression of neointimal hyperplasia. Journal of Vascular Surgery, 2012, 55, 806-814.e1.	0.6	14
1007	Characterization of tissue biomechanics and mechanical signaling in uterine leiomyoma. Matrix Biology, 2012, 31, 57-65.	1.5	83
1008	Concurrent inhibition of TGF-β and mitogen driven signaling cascades in Dupuytren's disease – Non-surgical treatment strategies from a signaling point of view. Medical Hypotheses, 2012, 78, 385-388.	0.8	7
1009	Recommendations for safety testing with the in vivo comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 747, 142-156.	0.9	44

#	Article	IF	CITATIONS
1010	Characterization of myofibroblasts in chronic thromboembolic pulmonary hypertension. International Journal of Cardiology, 2012, 159, 119-127.	0.8	36
1011	Survivin expression induced by endothelin-1 promotes myofibroblast resistance to apoptosis. International Journal of Biochemistry and Cell Biology, 2012, 44, 158-169.	1.2	73
1012	A review on static splinting therapy to prevent burn scar contracture: Do clinical and experimental data warrant its clinical application?. Burns, 2012, 38, 19-25.	1.1	57
1013	Smad ubiquitination regulatory factor 2 expression is enhanced in hypertrophic scar fibroblasts from burned children. Burns, 2012, 38, 236-246.	1.1	25
1015	Skin regeneration scaffolds: a multimodal bottom-up approach. Trends in Biotechnology, 2012, 30, 638-648.	4.9	242
1016	Alternation of extracellular matrix remodeling and apoptosis by activation of the aryl hydrocarbon receptor pathway in human periodontal ligament cells. Journal of Cellular Biochemistry, 2012, 113, 3093-3103.	1.2	17
1017	Epithelial–mesenchymal crosstalk alteration in kidney fibrosis. Journal of Pathology, 2012, 228, 131-147.	2.1	47
1018	Enhanced ROCK1 dependent contractility in fibroblast from chronic obstructive pulmonary disease patients. Journal of Translational Medicine, 2012, 10, 171.	1.8	26
1019	Cardiac fibroblasts, fibrosis and extracellular matrix remodeling in heart disease. Fibrogenesis and Tissue Repair, 2012, 5, 15.	3.4	630
1020	Interventions in Wnt signaling as a novel therapeutic approach to improve myocardial infarct healing. Fibrogenesis and Tissue Repair, 2012, 5, 16.	3.4	29
1021	Loss of PPAR \hat{I}^3 expression by fibroblasts enhances dermal wound closure. Fibrogenesis and Tissue Repair, 2012, 5, 5.	3.4	42
1022	Splicosomal and serine and arginine-rich splicing factors as targets for TGF-Î ² . Fibrogenesis and Tissue Repair, 2012, 5, 6.	3.4	16
1023	Mechanical stretch up-regulates the B-type natriuretic peptide system in human cardiac fibroblasts: a possible defense against transforming growth factor- \hat{l}^2 mediated fibrosis. Fibrogenesis and Tissue Repair, 2012, 5, 9.	3.4	48
1024	Defining the cellular repertoire of GPCRs identifies a profibrotic role for the most highly expressed receptor, proteaseâ€activated receptor 1, in cardiac fibroblasts. FASEB Journal, 2012, 26, 4540-4547.	0.2	64
1025	Micro <scp>RNA</scp> â€24 regulates cardiac fibrosis after myocardial infarction. Journal of Cellular and Molecular Medicine, 2012, 16, 2150-2160.	1.6	241
1026	Deutsche S2k Leitlinie zur Therapie pathologischer Narben (hypertrophe Narben und Keloide). JDDG - Journal of the German Society of Dermatology, 2012, 10, 747-762.	0.4	39
1027	Epithelial-Mesenchymal Transition: General Principles and Pathological Relevance with Special Emphasis on the Role of Matrix Metalloproteinases. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011908-a011908.	2.3	231
1028	The tumor microenvironment at a glance. Journal of Cell Science, 2012, 125, 5591-5596.	1.2	1,422

#	Article	IF	Citations
1029	Mathematical Modelling of Regeneration of a Tissue-Engineered Trachea. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2012, , 405-439.	0.7	2
1030	Mechanisms of Vascular Disease. , 2012, , 227-246.		8
1031	Knockdown of electron transfer flavoprotein \hat{l}^2 subunit reduced TGF- \hat{l}^2 -induced \hat{l} ±-SMA mRNA expression but not COL1A1 in fibroblast-populated three-dimensional collagen gel cultures. Journal of Dermatological Science, 2012, 68, 179-186.	1.0	6
1032	Microvascular remodeling and wound healing: A role for pericytes. International Journal of Biochemistry and Cell Biology, 2012, 44, 1800-1812.	1.2	140
1033	Targeted destruction of the orchestration of the pancreatic stroma and tumor cells in pancreatic cancer cases: Molecular basis for therapeutic implications. Cytokine and Growth Factor Reviews, 2012, 23, 343-356.	3.2	37
1034	Remodeling of Intramural Thrombus and Collagen in an Ang-II Infusion ApoEâ^'/â^' Model of Dissecting Aortic Aneurysms. Thrombosis Research, 2012, 130, e139-e146.	0.8	39
1035	Mechanical restrictions on biological responses by adherent cells within collagen gels. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 14, 216-226.	1.5	27
1036	Physiology and Pathophysiology of Wound Healing in Diabetes. , 2012, , 127-149.		5
1037	Matrix Stiffness–Induced Myofibroblast Differentiation Is Mediated by Intrinsic Mechanotransduction. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 340-348.	1.4	411
1038	The Actin–MRTF–SRF Gene Regulatory Axis and Myofibroblast Differentiation. Journal of Cardiovascular Translational Research, 2012, 5, 794-804.	1.1	115
1039	The Extracellular Matrix Modulates Fibroblast Phenotype and Function in the Infarcted Myocardium. Journal of Cardiovascular Translational Research, 2012, 5, 837-847.	1.1	94
1040	Multifaceted Tumor Stromal Fibroblasts. Cancer Microenvironment, 2012, 5, 187-193.	3.1	12
1041	Irsogladine maleate ameliorates inflammation and fibrosis in mice with chronic colitis induced by dextran sulfate sodium. Medical Molecular Morphology, 2012, 45, 140-151.	0.4	12
1042	Autologous transplantation of culture-born myofibroblasts into intact and injured rabbit ligaments. International Orthopaedics, 2012, 36, 1733-1738.	0.9	6
1043	Immunohistochemical analysis of two stem cell markers of \hat{l}_{\pm} -smooth muscle actin and STRO-1 during wound healing of human dental pulp. Histochemistry and Cell Biology, 2012, 138, 583-592.	0.8	24
1044	Presence of Myofibroblasts and Matrix Metalloproteinase 2 in Radicular Cysts, Dentigerous Cysts, and Keratocystic Odontogenic Tumors: A Comparative Immunohistochemical Study. Journal of Endodontics, 2012, 38, 1363-1367.	1.4	21
1045	Anatomy Trains and force transmission. , 2012, , 131-136.		6
1046	Fascia is alive. , 2012, , 157-164.		3

#	Article	IF	CITATIONS
1047	Hypoxia and Hypoxia Signaling in Tissue Repair and Fibrosis. International Review of Cell and Molecular Biology, 2012, 296, 139-185.	1.6	158
1048	The Precarious State of the Liver After a Fontan Operation: Summary of a Multidisciplinary Symposium. Pediatric Cardiology, 2012, 33, 1001-1012.	0.6	262
1049	Development of the Smooth Muscle Cell Lineage. , 2012, , 1109-1116.		2
1050	Heterogeneity of Smooth Muscle. , 2012, , 1183-1195.		6
1051	Cardiac Fibrosis., 2012,, 389-404.		4
1053	Dupuytren's Disease and Related Hyperproliferative Disorders. , 2012, , .		8
1054	Degradation of Internalized $\hat{l}\pm v\hat{l}^25$ Integrin Is Controlled by uPAR Bound uPA: Effect on \hat{l}^21 Integrin Activity and $\hat{l}\pm$ -SMA Stress Fiber Assembly. PLoS ONE, 2012, 7, e33915.	1.1	21
1055	Chronic Nerve Growth Factor Exposure Increases Apoptosis in a Model of In Vitro Induced Conjunctival Myofibroblasts. PLoS ONE, 2012, 7, e47316.	1.1	18
1056	Duodenum Clamping Trauma Induces Significant Postoperative Intraperitoneal Adhesions on a Rat Model. PLoS ONE, 2012, 7, e49673.	1.1	3
1057	Therapeutic Targeting of Redox Signaling in Myofibroblast Differentiation and Age-Related Fibrotic Disease. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-15.	1.9	53
1058	Mechanisms of Angiogenesis: Perspectives from Antiangiogenic Tumor Therapies. Current Angiogenesis, 2012, 1, 139-147.	0.1	4
1059	The functions of nerve growth factor and nerve growth factor receptor in wound healing. Oral Medicine & Pathology, 2012, 16, 51-65.	0.3	1
1060	Transduction of PTEN Proteins Using the Tat Domain Modulates TGF-β1–Mediated Signaling Pathways and Transdifferentiation in Subconjunctival Fibroblasts. , 2012, 53, 379.		16
1061	Multidimensional Proteomics for the Identification of Endothelial Post Mortem Signals of Importance in Vascular Remodeling. , 0, , .		0
1062	5.2 Integrin function in heart fibrosis: mechanical strain, transforming growth factor-beta 1 activation, and collagen glycation., 2012, , 406-431.		0
1063	Stromal myofibroblasts in focal reactive overgrowths of the gingiva. Brazilian Oral Research, 2012, 26, 373-377.	0.6	15
1064	Growth Factor Regulation of Corneal Keratocyte Mechanical Phenotypes in 3-D Collagen Matrices. , 2012, 53, 1077.		49
1065	Vascular dysfunction by myofibroblast activation in patients with idiopathic pulmonary fibrosis and prognostic significance. Brazilian Journal of Medical and Biological Research, 2012, 45, 665-675.	0.7	4

#	Article	IF	CITATIONS
1066	Y-box binding protein-1 implicated in translational control of fetal myocardial gene expression after cardiac transplant. Experimental Biology and Medicine, 2012, 237, 593-607.	1.1	18
1067	Vascular Endothelial Growth Factor–Induced Neovascularization Rescues Cardiac Function But Not Adverse Remodeling at Advanced Ischemic Heart Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1642-1651.	1.1	13
1068	Myofibroblast cells are preferentially expressed early in a rabbit model of joint contracture. Journal of Orthopaedic Research, 2012, 30, 713-719.	1.2	69
1069	Reâ€establishment of cytoskeletal tensional homeostasis in lax tendons occurs through an actinâ€mediated cellular contraction of the extracellular matrix. Journal of Orthopaedic Research, 2012, 30, 1695-1701.	1.2	37
1070	Myofibroblast persistence and collagen type I accumulation in the human stenotic trachea. Head and Neck, 2012, 34, 1283-1293.	0.9	15
1071	The role of endothelial–mesenchymal transition in development and pathological process. IUBMB Life, 2012, 64, 717-723.	1.5	152
1072	Matricellular Proteins in Cardiac Adaptation and Disease. Physiological Reviews, 2012, 92, 635-688.	13.1	368
1073	Inhibition of focal adhesion kinase prevents experimental lung fibrosis and myofibroblast formation. Arthritis and Rheumatism, 2012, 64, 1653-1664.	6.7	145
1074	Angiotensin II Type 1 Receptor Antagonist Attenuates Lung Fibrosis in Hyperoxia-Exposed Newborn Rats. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 169-175.	1.3	14
1075	Cytoskeleton responses in wound repair. Cellular and Molecular Life Sciences, 2012, 69, 2469-2483.	2.4	100
1076	Cancer-associated-fibroblasts and tumour cells: a diabolic liaison driving cancer progression. Cancer and Metastasis Reviews, 2012, 31, 195-208.	2.7	448
1077	A Fibrocontractive Mechanochemical Model of Dermal Wound Closure Incorporating Realistic Growth Factor Kinetics. Bulletin of Mathematical Biology, 2012, 74, 1143-1170.	0.9	41
1078	Epithelial-To-Mesenchymal Transition Induced by Freund's Adjuvant Treatment in Rat Mesothelial Cells: A Morphological and Immunocytochemical Study. Pathology and Oncology Research, 2012, 18, 641-649.	0.9	12
1079	Regulation of Epithelial-Mesenchymal Transition by Transmission of Mechanical Stress through Epithelial Tissues. Cancer Microenvironment, 2012, 5, 29-38.	3.1	80
1080	Remodelling of collagen fibre transition stretch and angular distribution in soft biological tissues and cell-seeded hydrogels. Biomechanics and Modeling in Mechanobiology, 2012, 11, 325-339.	1.4	31
1081	Cell–Cell Junctional Proteins in Cardiovascular Mechanotransduction. Annals of Biomedical Engineering, 2012, 40, 568-577.	1.3	14
1082	Fibroblast Morphology on Dynamic Softening of Hydrogels. Annals of Biomedical Engineering, 2012, 40, 1061-1072.	1.3	19
1083	Angiogenic properties of myofibroblasts isolated from normal human skin wounds. Angiogenesis, 2012, 15, 199-212.	3.7	47

#	ARTICLE	IF	CITATIONS
1084	Impaired cutaneous wound healing in transforming growth factor $\hat{\mathbf{e}}^2$ inducible early gene1 knockout mice. Wound Repair and Regeneration, 2012, 20, 166-177.	1.5	17
1085	Clinical strategies for the alleviation of contractures from a predictive mathematical model of dermal repair. Wound Repair and Regeneration, 2012, 20, 194-202.	1.5	16
1086	Effects of plateletâ€rich and â€poor plasma on the reparative response of gingival fibroblasts. Clinical Oral Implants Research, 2012, 23, 1104-1111.	1.9	28
1087	Tensegrity and plasma for skin regeneration. Skin Research and Technology, 2012, 18, 356-363.	0.8	2
1088	Matrixâ€dependent perturbation of TGFβ signaling and disease. FEBS Letters, 2012, 586, 2003-2015.	1.3	114
1089	Dental pulp cells derived from permanent teeth express higher levels of R-cadherin than do deciduous teeth: Implications of the correlation between R-cadherin expression and restriction of multipotency in mesenchymal stem cells. Archives of Oral Biology, 2012, 57, 44-51.	0.8	2
1090	Preferential recruitment of bone marrow-derived cells to rat palatal wounds but not to skin wounds. Archives of Oral Biology, 2012, 57, 102-108.	0.8	8
1091	Stroma and pancreatic ductal adenocarcinoma: An interaction loop. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1826, 170-178.	3.3	25
1092	Common features of optimal collagen scaffolds that disrupt wound contraction and enhance regeneration both in peripheral nerves and in skin. Biomaterials, 2012, 33, 4783-4791.	5.7	119
1093	Low-grade Myofibroblastic Sarcoma of the Maxillary Region in a Dog. Journal of Comparative Pathology, 2012, 147, 42-45.	0.1	4
1094	Tendon Biomechanics and Mechanobiology—A Minireview of Basic Concepts and Recent Advancements. Journal of Hand Therapy, 2012, 25, 133-141.	0.7	222
1095	MMP-2 expression by fibroblasts is suppressed by the myofibroblast phenotype. Experimental Cell Research, 2012, 318, 1542-1553.	1.2	36
1096	CARD-024, a vitamin D analog, attenuates the pro-fibrotic response to substrate stiffness in colonic myofibroblasts. Experimental and Molecular Pathology, 2012, 93, 91-98.	0.9	27
1097	The neurotrophin receptor p75NTR is induced on mature myofibres in inflammatory myopathies and promotes myotube survival to inflammatory stress. Neuropathology and Applied Neurobiology, 2012, 38, 367-378.	1.8	10
1098	The myofibroblast, multiple origins for major roles in normal and pathological tissue repair. Fibrogenesis and Tissue Repair, 2012, 5, S5.	3.4	174
1099	Mechanical forcesâ€induced human osteoblasts differentiation involves MMPâ€2/MMPâ€13/MT1â€MMP proteolytic cascade. Journal of Cellular Biochemistry, 2012, 113, 760-772.	1.2	26
1100	Simvastatin Attenuates Intestinal Fibrosis Independent of the Anti-Inflammatory Effect by Promoting Fibroblast/Myofibroblast Apoptosis in the Regeneration/Healing Process from TNBS-Induced Colitis. Digestive Diseases and Sciences, 2012, 57, 335-344.	1.1	45
1101	The origin of interstitial myofibroblasts in chronic kidney disease. Pediatric Nephrology, 2012, 27, 183-193.	0.9	177

#	Article	IF	Citations
1102	Function and fate of myofibroblasts after myocardial infarction. Fibrogenesis and Tissue Repair, 2013, 6, 5.	3.4	143
1103	EPAC expression and function in cardiac fibroblasts and myofibroblasts. Toxicology and Applied Pharmacology, 2013, 272, 414-422.	1.3	15
1104	Epithelial-to-mesenchymal transition in fibrosis: Collagen type I expression is highly upregulated after EMT, but does not contribute to collagen deposition. Experimental Cell Research, 2013, 319, 3000-3009.	1.2	57
1105	Fibroblast-mediated drug resistance in cancer. Biochemical Pharmacology, 2013, 85, 1033-1041.	2.0	127
1106	Expression profiling of genes regulated by Fra-1/AP-1 transcription factor during bleomycin-induced pulmonary fibrosis. BMC Genomics, 2013, 14, 381.	1.2	19
1107	Regulating tension in three-dimensional culture environments. Experimental Cell Research, 2013, 319, 2447-2459.	1.2	41
1108	Topical application of serine proteases from Wrightia tinctoria R. Br. (Apocyanaceae) latex augments healing of experimentally induced excision wound in mice. Journal of Ethnopharmacology, 2013, 149, 377-383.	2.0	49
1109	Stabilization of integrin-linked kinase by the Hsp90-CHIP axis impacts cellular force generation, migration and the fibrotic response. EMBO Journal, 2013, 32, 1409-1424.	3.5	59
1110	Autophagy and Cancer., 2013,,.		5
1111	TGF-Î ² 1-induced synthesis of collagen fibers in skeletal muscle-derived stem cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2013, 33, 238-243.	1.0	2
1112	Association of tumor-associated fibroblasts with progression of hepatocellular carcinoma. Medical Oncology, 2013, 30, 593.	1.2	9
1113	Current understanding of molecular and cellular mechanisms in fibroplasia and angiogenesis during acute wound healing. Journal of Dermatological Science, 2013, 72, 206-217.	1.0	376
1114	Mechanistic basis of manual therapy in myofascial injuries. Sonoelastographic evolution control. Journal of Bodywork and Movement Therapies, 2013, 17, 221-234.	0.5	23
1115	Thy-1-Interacting Molecules and Cellular Signaling in Cis and Trans. International Review of Cell and Molecular Biology, 2013, 305, 163-216.	1.6	44
1116	FOXM1 (Forkhead box M1) in Tumorigenesis. Advances in Cancer Research, 2013, 119, 191-419.	1.9	146
1117	How mechanical deformations contribute to the effectiveness of negativeâ€pressure wound therapy. Wound Repair and Regeneration, 2013, 21, 498-502.	1.5	27
1118	Purine receptor mediated actin cytoskeleton remodeling of human fibroblasts. Cell Calcium, 2013, 53, 297-301.	1,1	33
1120	Extracellular Generation of Adenosine by the Ectonucleotidases CD39 and CD73 Promotes Dermal Fibrosis. American Journal of Pathology, 2013, 183, 1740-1746.	1.9	46

#	Article	IF	CITATIONS
1121	Vitronectin—Master controller or micromanager?. IUBMB Life, 2013, 65, 807-818.	1.5	76
1122	Multiscale analysis of collagen microstructure with generalized image correlation spectroscopy and the detection of tissue prestress. Biomaterials, 2013, 34, 6127-6132.	5.7	12
1123	\hat{l}^2 -adrenoceptors are upregulated in human melanoma and their activation releases pro-tumorigenic cytokines and metalloproteases in melanoma cell lines. Laboratory Investigation, 2013, 93, 279-290.	1.7	104
1124	MiRâ€29 mediates TGFβ1â€induced extracellular matrix synthesis through activation of PI3Kâ€AKT pathway in human lung fibroblasts. Journal of Cellular Biochemistry, 2013, 114, 1336-1342.	1.2	87
1125	All-transretinoic acid ameliorates bleomycin-induced lung fibrosis by downregulating the TGF- \hat{l}^21/S mad3 signaling pathway in rats. Laboratory Investigation, 2013, 93, 1219-1231.	1.7	70
1126	Microenvironmental regulation of tumor progression and metastasis. Nature Medicine, 2013, 19, 1423-1437.	15.2	5,730
1127	Regulation of scleral metabolism in myopia and the role of transforming growth factor-beta. Experimental Eye Research, 2013, 114, 128-140.	1.2	98
1128	Targeting Wnt Signaling to Improve Wound Healing After Myocardial Infarction. Methods in Molecular Biology, 2013, 1037, 355-380.	0.4	10
1129	Transforming Growth Factor- \hat{l}^21 (TGF- \hat{l}^21)-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.	1.6	220
1130	Modulating the Physical Microenvironment to Study Regenerative Processes <i>In Vitro</i> Using Cells from Mouse Phalangeal Elements. Tissue Engineering - Part A, 2013, 19, 1406-1415.	1.6	7
1131	Hemodynamic and Cellular Response Feedback in Calcific Aortic Valve Disease. Circulation Research, 2013, 113, 186-197.	2.0	102
1132	In the beginning there were soft collagen-cell gels: towards better 3D connective tissue models?. Experimental Cell Research, 2013, 319, 2460-2469.	1.2	72
1133	Fibroblasts in post-infarction inflammation and cardiac repair. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 945-953.	1.9	227
1134	Cellular dynamics in the muscle satellite cell niche. EMBO Reports, 2013, 14, 1062-1072.	2.0	309
1135	Three types of dermal grafts in rats: the importance of mechanical property and structural design. BioMedical Engineering OnLine, 2013, 12, 125.	1.3	17
1136	The RESOLVE concept: approaching pathophysiology of fibroproliferative disease in aged individuals. Biogerontology, 2013, 14, 679-685.	2.0	9
1137	Posttraumatic elbow contractures: targeting neuroinflammatory fibrogenic mechanisms. Journal of Orthopaedic Science, 2013, 18, 869-877.	0.5	53
1138	Plasma rich in growth factors (PRGF-Endoret) stimulates corneal wound healing and reduces haze formation after PRK surgery. Experimental Eye Research, 2013, 115, 153-161.	1.2	86

#	Article	IF	CITATIONS
1139	From tissue mechanics to transcription factors. Differentiation, 2013, 86, 112-120.	1.0	131
1140	Fibroblast morphogenesis on 3D collagen matrices: The balance between cell clustering and cell migration. Experimental Cell Research, 2013, 319, 2440-2446.	1.2	35
1141	Microenvironment and tumor cell plasticity: An easy way out. Cancer Letters, 2013, 341, 80-96.	3.2	214
1142	Oxidative stress and pulmonary fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1028-1040.	1.8	367
1143	Computational and experimental study of the mechanics of embryonic wound healing. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 28, 125-146.	1.5	16
1144	Visceral and Somatic Disorders: Tissue Softening with Frequency-Specific Microcurrent. Journal of Alternative and Complementary Medicine, 2013, 19, 170-177.	2.1	14
1145	Rheological and Turbidity Study of Fibrin Hydrogels. Macromolecular Symposia, 2013, 334, 117-125.	0.4	24
1146	Scleroderma pathogenesis: a pivotal role for fibroblasts as effector cells. Arthritis Research and Therapy, 2013, 15, 215.	1.6	149
1147	miRâ€145 regulates myofibroblast differentiation and lung fibrosis. FASEB Journal, 2013, 27, 2382-2391.	0.2	143
1148	Expression of Phosphoinositide-Specific Phospholipase C Enzymes in Human Skin Fibroblasts. Connective Tissue Research, 2013, 54, 1-4.	1.1	10
1149	Fibroblasts and the Ground They Walk On. Physiology, 2013, 28, 380-390.	1.6	85
1150	Deletion of <i>Phd2</i> in Myeloid Lineage Attenuates Hypertensive Cardiovascular Remodeling. Journal of the American Heart Association, 2013, 2, e000178.	1.6	30
1151	TRPV4 channels mediate cardiac fibroblast differentiation by integrating mechanical and soluble signals. Journal of Molecular and Cellular Cardiology, 2013, 54, 45-52.	0.9	171
1152	Pathogenesis of Proliferative Vitreoretinopathy. , 2013, , 1640-1646.		6
1153	Cellular Mechanisms of Tissue Fibrosis. 2. Contributory pathways leading to myocardial fibrosis: moving beyond collagen expression. American Journal of Physiology - Cell Physiology, 2013, 304, C393-C402.	2.1	88
1154	Nanotopography-guided tissue engineering and regenerative medicine. Advanced Drug Delivery Reviews, 2013, 65, 536-558.	6.6	346
1155	TGF-β1â€"Containing Exosomes from Injured Epithelial Cells Activate Fibroblasts to Initiate Tissue Regenerative Responses and Fibrosis. Journal of the American Society of Nephrology: JASN, 2013, 24, 385-392.	3.0	340
1156	The tension mounts: Stress fibers as force-generating mechanotransducers. Journal of Cell Biology, 2013, 200, 9-19.	2.3	274

#	Article	IF	CITATIONS
1157	Calcific nodule morphogenesis by heart valve interstitial cells is strain dependent. Biomechanics and Modeling in Mechanobiology, 2013, 12, 5-17.	1.4	85
1158	MicroRNA-204-5p Regulates Epithelial-to-Mesenchymal Transition during Human Posterior Capsule Opacification by Targeting SMAD4. , 2013, 54, 323.		74
1159	The myofibroblast matrix: implications for tissue repair andÂfibrosis. Journal of Pathology, 2013, 229, 298-309.	2.1	560
1160	Inflammasomes in wound healing and fibrosis. Journal of Pathology, 2013, 229, 157-167.	2.1	85
1161	Open Palm Technique in Dupuytren's Disease Treatment. Revista Brasileira De Ortopedia, 2013, 48, 246-250.	0.6	2
1162	PlÃ'vre et fi brose pulmonaire. Revue Des Maladies Respiratoires Actualites, 2013, 5, 216-220.	0.0	0
1163	Proteasome inhibition attenuates heart failure during the late stages of pressure overload through alterations in collagen expression. Biochemical Pharmacology, 2013, 85, 223-233.	2.0	24
1164	Moesin as a Key Cytoskeleton Regulator in Corneal Fibrosis. Ocular Surface, 2013, 11, 119-132.	2.2	3
1165	Mechanical stretch changes coronary artery fibroblasts function by upregulating HSF1 protein expression. International Journal of Biological Macromolecules, 2013, 59, 105-110.	3.6	6
1166	Fibroblast cluster formation on 3D collagen matrices requires cell contraction dependent fibronectin matrix organization. Experimental Cell Research, 2013, 319, 546-555.	1.2	29
1167	A Paradigm of Fibroblast Activation and Dermal Wound Contraction to Guide the Development of Therapies for Chronic Wounds and Pathologic Scars. Advances in Wound Care, 2013, 2, 149-159.	2.6	23
1168	Current Concepts in Examination and Treatment of Elbow Tendon Injury. Sports Health, 2013, 5, 186-194.	1.3	35
1169	Metastatic cancer cells tenaciously indent impenetrable, soft substrates. New Journal of Physics, 2013, 15, 035022.	1.2	46
1170	Decoupling Cell and Matrix Mechanics in Engineered Microtissues Using Magnetically Actuated Microcantilevers. Advanced Materials, 2013, 25, 1699-1705.	11.1	89
1171	Application of Cyclic Strain for Accelerated Skeletal Myogenic Differentiation of Mouse Bone Marrow-Derived Mesenchymal Stromal Cells with Cell Alignment. Tissue Engineering - Part A, 2013, 19, 770-782.	1.6	51
1172	Localized targeting of biomaterials following myocardial infarction: A foundation to build on. Trends in Cardiovascular Medicine, 2013, 23, 301-311.	2.3	9
1173	Enhanced deposition of cartilage oligomeric matrix protein is a common feature in fibrotic skin pathologies. Matrix Biology, 2013, 32, 325-331.	1.5	50
1174	The performance of an orthosilicic acid-releasing silica gel fiber fleece in wound healing. Biomaterials, 2013, 34, 7314-7327.	5.7	20

#	Article	IF	CITATIONS
1175	Collagen XVI in health and disease. Matrix Biology, 2013, 32, 64-73.	1.5	45
1176	Safety Evaluation of Ocular Drugs. , 2013, , 567-617.		13
1177	Whole animal knockout of smooth muscle alphaâ€actin does not alter excisional wound healing or the fibroblastâ€toâ€myofibroblast transition. Wound Repair and Regeneration, 2013, 21, 166-176.	1.5	53
1178	Hepatocyte growth factor is an attractive target for the treatment of pulmonary fibrosis /b>. Expert Opinion on Investigational Drugs, 2013, 22, 499-515.	1.9	48
1179	Fibroblast adhesion and activation onto microâ€machined titanium surfaces. Clinical Oral Implants Research, 2013, 24, 770-780.	1.9	49
1180	Renal epithelial injury and fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 931-939.	1.8	130
1181	Autophagy and the Tumor Microenvironment. , 2013, , 167-189.		0
1182	Calponin 3 regulates stress fiber formation in dermal fibroblasts during wound healing. Archives of Dermatological Research, 2013, 305, 571-584.	1.1	48
1183	Integrin Î ² 1 Is Required for Dermal Homeostasis. Journal of Investigative Dermatology, 2013, 133, 899-906.	0.3	21
1184	Palatal Wound Healing: The Effects of Scarring on Growth. , 2013, , 309-324.		7
1185	The emerging role of micro <scp>RNA</scp> s in regulating immune and inflammatory responses in the lung. Immunological Reviews, 2013, 253, 198-215.	2.8	97
1186	Role of caveolin-1 in fibrotic diseases. Matrix Biology, 2013, 32, 307-315.	1.5	89
1187	Tropomyosin Regulates Cell Migration during Skin Wound Healing. Journal of Investigative Dermatology, 2013, 133, 1330-1339.	0.3	38
1188	Inflammasome biology in fibrogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 979-988.	1.8	54
1189	Multiscale Computational Modeling in Vascular Biology: From Molecular Mechanisms to Tissue-Level Structure and Function. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2013, , 209-240.	0.7	7
1190	Tumor cell migration in complex microenvironments. Cellular and Molecular Life Sciences, 2013, 70, 1335-1356.	2.4	183
1191	Snail as a Potential Target Molecule in Cardiac Fibrosis: Paracrine Action of Endothelial Cells on Fibroblasts Through Snail and CTGF Axis. Molecular Therapy, 2013, 21, 1767-1777.	3.7	84
1192	The role of cardiac fibroblasts in the transition from inflammation to fibrosis following myocardial infarction. Vascular Pharmacology, 2013, 58, 182-188.	1.0	121

#	Article	IF	CITATIONS
1193	Using Functional Nanomaterials to Target and Regulate the Tumor Microenvironment: Diagnostic and Therapeutic Applications. Advanced Materials, 2013, 25, 3508-3525.	11.1	154
1194	VEGF Induces TGF- \hat{l}^21 Expression and Myofibroblast Transformation after Glaucoma Surgery. American Journal of Pathology, 2013, 182, 2147-2154.	1.9	58
1195	Artificial extracellular matrix composed of collagen I and highly sulfated hyaluronan interferes with $TGF\hat{l}^21$ signaling and prevents $TGF\hat{l}^21$ -induced myofibroblast differentiation. Acta Biomaterialia, 2013, 9, 7775-7786.	4.1	49
1196	Structural Basis of Multisite Single-Stranded DNA Recognition and <i>ACTA2</i> Repression by Purine-Rich Element Binding Protein B (Purβ). Biochemistry, 2013, 52, 4439-4450.	1.2	15
1198	Interaction between lung cancer cell and myofibroblast influenced by cyclic tensile strain. Lab on A Chip, 2013, 13, 1114.	3.1	20
1199	Extracellular matrix proteins regulate epithelial–mesenchymal transition in mammary epithelial cells. Differentiation, 2013, 86, 126-132.	1.0	90
1200	Hepatocyte Polarity., 2013, 3, 243-287.		236
1201	Wounds That Will Not Heal. American Journal of Pathology, 2013, 182, 1055-1064.	1.9	80
1202	Altered collagen expression in jugular veins in multiple sclerosis. Cardiovascular Pathology, 2013, 22, 33-38.	0.7	41
1203	Wound healing and the role of fibroblasts. Journal of Wound Care, 2013, 22, 407-412.	0.5	454
1204	Lowâ€intensity pulsed ultrasound induced enhanced adipogenesis of adiposeâ€derived stem cells. Cell Proliferation, 2013, 46, 312-319.	2.4	20
1205	Matrix mechanics and regulation of the fibroblast phenotype. Periodontology 2000, 2013, 63, 14-28.	6.3	67
1206	Tumor Necrosis Factorâ€Î± Inhibits Transforming Growth Factorâ€Î²â€"Stimulated Myofibroblastic Differentiation and Extracellular Matrix Production in Human Gingival Fibroblasts. Journal of Periodontology, 2013, 84, 683-693.	1.7	34
1207	Topically applied substance P enhanced healing of open excision wound in rats. European Journal of Pharmacology, 2013, 715, 345-353.	1.7	52
1208	Restoration versus reconstruction: cellular mechanisms of skin, nerve and muscle regeneration compared. Regenerative Medicine Research, 2013, 1, 4.	2.2	16
1209	Integrating the Myocardial Matrix Into Heart Failure Recognition and Management. Circulation Research, 2013, 113, 725-738.	2.0	67
1210	Nuclear and cellular alignment of primary corneal epithelial cells on topography. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1069-1079.	2.1	22
1211	Cellular senescence occurring in the rabbit medial collateral ligament during healing. Journal of Orthopaedic Research, 2013, 31, 81-90.	1.2	5

#	Article	IF	CITATIONS
1212	The mechanical environment in dupuytren's contracture determines cell contractility and associated MMPâ€mediated matrix remodeling. Journal of Orthopaedic Research, 2013, 31, 328-334.	1.2	13
1213	Myofibroblasts and their relationship with oral squamous cell carcinoma. Brazilian Journal of Otorhinolaryngology, 2013, 79, 112-118.	0.4	15
1214	Isolation and characterization of biliary epithelial and stromal cells from resected human cholangiocarcinoma: A novel in vitro model to study tumor-stroma interactions. Oncology Reports, 2013, 30, 1143-1148.	1.2	33
1215	Impaired cornea wound healing in a tenascin C-deficient mouse model. Laboratory Investigation, 2013, 93, 207-217.	1.7	35
1216	X-Linked Inhibitor of Apoptosis Regulates Lung Fibroblast Resistance to Fas-Mediated Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 86-95.	1.4	60
1217	Infarct-Induced Steroidogenic Acute Regulatory Protein: A Survival Role in Cardiac Fibroblasts. Molecular Endocrinology, 2013, 27, 1502-1517.	3.7	26
1218	Cadherin-11 Regulates Cell–Cell Tension Necessary for Calcific Nodule Formation by Valvular Myofibroblasts. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 114-120.	1.1	87
1219	Tissue Engineering of Skin for Wound Coverage. European Journal of Pediatric Surgery, 2013, 23, 375-382.	0.7	60
1220	Expression of VEGF, its receptors, and HIF-1α in Dupuytren's disease. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 420-425.	1.2	13
1221	The CYP2E1 inhibitor DDC up-regulates MMP-1 expression in hepatic stellate cells via an ERK1/2- and Akt-dependent mechanism. Bioscience Reports, 2013 , 33 , .	1.1	17
1222	In Vivo and ex Vivo Approaches to Studying the Biomechanical Properties of Healing Wounds in Rat Skin. Journal of Biomechanical Engineering, 2013, 135, 101009-8.	0.6	17
1223	Increase in Cellular Cyclic AMP Concentrations Reverses the Profibrogenic Phenotype of Cardiac Myofibroblasts: A Novel Therapeutic Approach for Cardiac Fibrosis. Molecular Pharmacology, 2013, 84, 787-793.	1.0	40
1224	Down-regulation of <i>Smad3</i> Accelerates Palatal Wound Repair. Journal of Dental Research, 2013, 92, 716-720.	2.5	10
1225	A Mechanical Design Principle for Tissue Structure and Function in the Airway Tree. PLoS Computational Biology, 2013, 9, e1003083.	1.5	11
1226	Inducible NOS mediates CNP-induced relaxation of intestinal myofibroblasts. American Journal of Physiology - Renal Physiology, 2013, 304, G673-G679.	1.6	0
1227	Antileukotriene Reverts the Early Effects of Inflammatory Response of Distal Parenchyma in Experimental Chronic Allergic Inflammation. BioMed Research International, 2013, 2013, 1-15.	0.9	4
1228	Lentivirus-Mediated ERK2 siRNA Reduces Joint Capsule Fibrosis in a Rat Model of Post-Traumatic Joint Contracture. International Journal of Molecular Sciences, 2013, 14, 20833-20844.	1.8	24
1229	Regulation of myofibroblast differentiation and bleomycin-induced pulmonary fibrosis by adrenomedullin. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L757-L764.	1.3	22

#	Article	IF	CITATIONS
1230	Discovery of Endothelium and Mesenchymal Properties of Primo Vessels in the Mesentery. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	0.5	6
1231	Aortic Remodeling After Transverse Aortic Constriction in Mice Is Attenuated With AT ₁ Receptor Blockade. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2172-2179.	1.1	67
1232	Intestinal GUCY2C Prevents TGF-Î ² Secretion Coordinating Desmoplasia and Hyperproliferation in Colorectal Cancer. Cancer Research, 2013, 73, 6654-6666.	0.4	21
1233	Noninvasive imaging of myocardial extracellular matrix for assessment of fibrosis. Current Opinion in Cardiology, 2013, 28, 282-289.	0.8	33
1234	Extracellular matrix microenvironment contributes actively to pulmonary fibrosis. Current Opinion in Pulmonary Medicine, 2013, 19, 446-452.	1.2	48
1235	Î ² 1-Integrin Is Essential for Vasoregulation and Smooth Muscle Survival In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2325-2335.	1.1	21
1236	Morphologic Characteristics and Proliferation of Rabbit Corneal Stromal Cells Onto Complexes of Collagen–Chitosan–Sodium Hyaluronate Under Simulated Microgravity. , 2013, 54, 6877.		3
1237	Protease-Activated Receptor 1 Inhibition by SCH79797 Attenuates Left Ventricular Remodeling and Profibrotic Activities of Cardiac Fibroblasts. Journal of Cardiovascular Pharmacology and Therapeutics, 2013, 18, 460-475.	1.0	60
1238	Attachment-regulated signaling networks in the fibroblast-populated 3D collagen matrix. Scientific Reports, 2013, 3, 1880.	1.6	10
1239	Fibroblast-Specific Protein 1/S100A4–Positive Cells Prevent Carcinoma through Collagen Production and Encapsulation of Carcinogens. Cancer Research, 2013, 73, 2770-2781.	0.4	59
1240	An Analytical Method for the Quantification of hERG1 Channel Gene Expression in Human Colorectal Cancer. Diagnostic Molecular Pathology, 2013, 22, 215-221.	2.1	4
1241	Activation of MRTF-A–dependent gene expression with a small molecule promotes myofibroblast differentiation and wound healing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16850-16855.	3.3	119
1242	Cellular control of connective tissue matrix tension. Journal of Cellular Biochemistry, 2013, 114, 1714-1719.	1.2	43
1243	Bevacizumab eye drops delay corneal epithelial wound healing and increase the stromal response to epithelial injury in rats. Clinical and Experimental Ophthalmology, 2013, 41, 694-701.	1.3	12
1244	Hepatic and splenic stiffness augmentation assessed with MR elastography in an in vivo porcine portal hypertension model. Journal of Magnetic Resonance Imaging, 2013, 38, 809-815.	1.9	49
1245	Microdevice array-based identification of distinct mechanobiological response profiles in layer-specific valve interstitial cells. Integrative Biology (United Kingdom), 2013, 5, 673.	0.6	46
1246	Rapid Fabrication of Living Tissue Models by Collagen Plastic Compression: Understanding Three-Dimensional Cell Matrix Repair <i>In Vitro</i> . Advances in Wound Care, 2013, 2, 176-184.	2.6	56
1247	Metabolic Syndrome Enhances Prostate Contractility and ⟨i>In Vitro⟨i> Phenylephrineâ€induced ⟨i>α⟨i>⟨sub>1⟨sub>â€Adrenoceptor Protein Expression in the Fructoseâ€fed Rat. LUTS: Lower Urinary Tract Symptoms, 2013, 5, 164-167.	0.6	4

#	Article	IF	Citations
1248	Mechanoregulation of the Myofibroblast in Wound Contraction, Scarring, and Fibrosis: Opportunities for New Therapeutic Intervention. Advances in Wound Care, 2013, 2, 122-141.	2.6	186
1249	Outcomes and Questions About Discrete Subaortic Stenosis. Circulation, 2013, 127, 1447-1450.	1.6	26
1250	Akt1 Mediates \hat{l}_{\pm} -Smooth Muscle Actin Expression and Myofibroblast Differentiation via Myocardin and Serum Response Factor. Journal of Biological Chemistry, 2013, 288, 33483-33493.	1.6	51
1251	Three-dimensional culture may promote cell reprogramming. Organogenesis, 2013, 9, 118-120.	0.4	11
1252	The cyclic GMP–dependent protein kinase lα suppresses kidney fibrosis. Kidney International, 2013, 84, 1198-1206.	2.6	28
1253	Hyaluronic acid hydrogels for vocal fold wound healing. Biomatter, 2013, 3, .	2.6	50
1254	Depicting the Uncertainties of Stem Cell Science. Science Technology and Human Values, 2013, 38, 599-620.	1.7	2
1255	Tumor-Secreted LOXL2 Activates Fibroblasts through FAK Signaling. Molecular Cancer Research, 2013, 11, 1425-1436.	1.5	90
1256	Evaluation of eligibility criteria in living donor liver transplantation for hepatocellular carcinoma by α-SMA-positive cancer-associated fibroblasts. Oncology Reports, 2013, 30, 1561-1574.	1.2	8
1257	Effects of Platelet-Rich Plasma on Proliferation and Myofibroblastic Differentiation in Human Dermal Fibroblasts. Annals of Plastic Surgery, 2013, 71, 219-224.	0.5	51
1258	Significance of podoplanin expression in cancer-associated fibroblasts: A comprehensive review. International Journal of Oncology, 2013, 42, 1849-1857.	1.4	55
1259	New Concepts for Glaucoma Implants - Controlled Aqueous Humor Drainage, Encapsulation Prevention and Local Drug Delivery. Current Pharmaceutical Biotechnology, 2013, 14, 98-111.	0.9	4
1260	Matrix Stiffness Corresponding to Strictured Bowel Induces a Fibrogenic Response in Human Colonic Fibroblasts. Inflammatory Bowel Diseases, 2013, 19, 891-903.	0.9	132
1261	Biological effects of near-infrared lasers on fibroblast cellular differentiation, proliferation and contraction., 2013,,.		0
1262	Rho/Rho-associated kinase pathway in glaucoma. International Journal of Oncology, 2013, 43, 1357-1367.	1.4	64
1263	Adipose-Derived Stem Cells Inhibit the Contractile Myofibroblast in Dupuytren's Disease. Plastic and Reconstructive Surgery, 2013, 132, 1139-1148.	0.7	44
1264	Up-Regulation of Tension-Related Proteins in Keloids. Plastic and Reconstructive Surgery, 2013, 131, 158e-173e.	0.7	30
1265	Measuring collective cell movement and extracellular matrix interactions using magnetic resonance imaging. Scientific Reports, 2013, 3, 1879.	1.6	10

#	Article	IF	CITATIONS
1266	The Anti-Fibrotic Effect of Bone Morphogenic Protein-7 (BMP-7) on Liver Fibrosis. International Journal of Medical Sciences, 2013, 10, 441-450.	1.1	35
1267	Smoothelin, a new marker to determine the origin of liver fibrogenic cells. World Journal of Gastroenterology, 2013, 19, 9343.	1.4	9
1268	PKCδ as a Regulator for TGFβ1-Induced α-SMA Production in a Murine Nonalcoholic Steatohepatitis Model. PLoS ONE, 2013, 8, e55979.	1.1	20
1269	Comparative Gene Expression Analysis of the Human Periodontal Ligament in Deciduous and Permanent Teeth. PLoS ONE, 2013, 8, e61231.	1.1	24
1270	Electrical Stimulation Promotes Wound Healing by Enhancing Dermal Fibroblast Activity and Promoting Myofibroblast Transdifferentiation. PLoS ONE, 2013, 8, e71660.	1.1	134
1271	Involvement of the Wnt/ \hat{l}^2 -Catenin Signaling Pathway in the Cellular and Molecular Mechanisms of Fibrosis in Endometriosis. PLoS ONE, 2013, 8, e76808.	1.1	103
1272	TIMP-1 Promotes Accumulation of Cancer Associated Fibroblasts and Cancer Progression. PLoS ONE, 2013, 8, e77366.	1.1	97
1273	Genome-Wide Analysis of DNA Methylation in Human Amnion. Scientific World Journal, The, 2013, 2013, 1-11.	0.8	23
1274	Biotensegrity: A Unifying Theory of Biological Architecture With Applications to Osteopathic Practice, Education, and Research—A Review and Analysis. Journal of Osteopathic Medicine, 2013, 113, 34-52.	0.4	67
1276	Parte 2: Fascia y punci $ ilde{A}^3$ n seca. , 2013, , 35-38.		0
1277	Fascia–Current knowledge and future directions in physiatry: Narrative review. Journal of Rehabilitation Research and Development, 2014, 51, 875-884.	1.6	22
1278	Reversible Modulation of Myofibroblast Differentiation in Adipose-Derived Mesenchymal Stem Cells. PLoS ONE, 2014, 9, e86865.	1.1	92
1279	A Cell-Regulatory Mechanism Involving Feedback between Contraction and Tissue Formation Guides Wound Healing Progression. PLoS ONE, 2014, 9, e92774.	1.1	52
1280	Lung Remodeling in a Mouse Model of Asthma Involves a Balance between TGF-β1 and BMP-7. PLoS ONE, 2014, 9, e95959.	1.1	38
1281	Role of WNT10A-Expressing Kidney Fibroblasts in Acute Interstitial Nephritis. PLoS ONE, 2014, 9, e103240.	1.1	12
1282	Role of Constitutive Behavior and Tumor-Host Mechanical Interactions in the State of Stress and Growth of Solid Tumors. PLoS ONE, 2014, 9, e104717.	1.1	82
1283	Bioengineering Strategies for Polymeric Scaffold for Tissue Engineering an Aortic Heart Valve: An Update. International Journal of Artificial Organs, 2014, 37, 651-667.	0.7	19
1284	Fibroblasts and myofibroblasts in wound healing. Clinical, Cosmetic and Investigational Dermatology, 2014, 7, 301.	0.8	611

#	Article	IF	CITATIONS
1285	Three-Dimensional Culture Environment Increases the Efficacy of Platelet Rich Plasma Releasate in Prompting Skin Fibroblast Differentiation and Extracellular Matrix Formation. International Journal of Medical Sciences, 2014, 11, 1029-1038.	1.1	17
1286	Inhibition of fibrous adhesion formation in the temporomandibular joint of tenascin-C knockout mice. European Journal of Histochemistry, 2014, 58, 2337.	0.6	10
1288	Investigational drugs targeting cardiac fibrosis. Expert Review of Cardiovascular Therapy, 2014, 12, 111-125.	0.6	59
1289	Computational model of matrix remodeling and entrenchment in the freeâ€floating fibroblastâ€populated collagen lattice. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 1506-1529.	1.0	5
1290	A Mathematical Model of the Growth of Uterine Myomas. Bulletin of Mathematical Biology, 2014, 76, 3088-3121.	0.9	4
1291	Type of MRI contrast, tissue gadolinium, and fibrosis. American Journal of Physiology - Renal Physiology, 2014, 307, F844-F855.	1.3	44
1292	The spatial-temporal characteristics of type I collagen-based extracellular matrix. Soft Matter, 2014, 10, 8855-8863.	1.2	42
1293	Skin equivalent tensional force alters keloid fibroblast behavior and phenotype. Wound Repair and Regeneration, 2014, 22, 557-568.	1.5	44
1294	Matrix production and remodeling as therapeutic targets for uterine leiomyoma. Journal of Cell Communication and Signaling, 2014, 8, 179-194.	1.8	20
1295	Increased constitutive αSMA and Smad2/3 expression in idiopathic pulmonary fibrosis myofibroblasts is KCa3.1-dependent. Respiratory Research, 2014, 15, 155.	1.4	44
1296	c-Jun N terminal kinase modulates NOX-4 derived ROS production and myofibroblasts differentiation in human breast stromal cells. BMC Cancer, 2014, 14, 640.	1.1	24
1297	Chronic restraint stress decreases the repair potential from mesenchymal stem cells on liver injury by inhibiting TGF- \hat{l}^2 1 generation. Cell Death and Disease, 2014, 5, e1308-e1308.	2.7	21
1298	Functional Characteristics of Connective Tissue Growth Factor on Human Tenon's Capsule Fibroblast. Current Eye Research, 2014, 39, 53-61.	0.7	11
1299	An In Vivo Study of Composite Microgels Based on Hyaluronic Acid and Gelatin for the Reconstruction of Surgically Injured Rat Vocal Folds. Journal of Speech, Language, and Hearing Research, 2014, 57, S658-73.	0.7	20
1300	Expression of gap junction proteins connexins 26, 30, and 43 in Dupuytren's disease. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 97-101.	1.2	1
1301	Disentangling the multifactorial contributions of fibronectin, collagen and cyclic strain on MMP expression and extracellular matrix remodeling by fibroblasts. Matrix Biology, 2014, 40, 62-72.	1.5	49
1302	Redox Signaling as a Therapeutic Target to Inhibit Myofibroblast Activation in Degenerative Fibrotic Disease. BioMed Research International, 2014, 2014, 1-14.	0.9	46
1303	Negative Regulation of GADD34 on Myofibroblasts during Cutaneous Wound Healing. BioMed Research International, 2014, 2014, 1-9.	0.9	5

#	Article	IF	CITATIONS
1304	The Role of the Extracellular Matrix Components in Cutaneous Wound Healing. BioMed Research International, 2014, 2014, 1-8.	0.9	258
1305	Evaluation of Myofibroblasts By Expression of Alpha Smooth Muscle Actin: A Marker in Fibrosis, Dysplasia and Carcinoma. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, ZC14-7.	0.8	44
1306	Laser Irradiation Alters the Expression Profile of Genes Involved in the Extracellular Matrix <i>In Vitro</i> International Journal of Photoenergy, 2014, 2014, 1-17.	1.4	19
1307	Reversible and irreversible differentiation of cardiac fibroblasts. Cardiovascular Research, 2014, 101, 411-422.	1.8	77
1308	Effects of laser immunotherapy on tumor microenvironment. , 2014, , .		0
1309	Cell-cell adhesion through N-cadherin enhances VCAM-1 expression via PDGFRÎ ² in a ligand-independent manner in mesenchymal stem cells. International Journal of Molecular Medicine, 2014, 33, 565-572.	1.8	15
1310	Tissue Transglutaminase, Not Lysyl Oxidase, Dominates Early Calcium-Dependent Remodeling of Fibroblast-Populated Collagen Lattices. Cells Tissues Organs, 2014, 200, 104-117.	1.3	14
1311	Wound healing process and mediators: Implications for modulations for hernia repair and mesh integration. Journal of Biomedical Materials Research - Part A, 2014, 102, 295-302.	2.1	29
1312	TGF- \hat{l}^2 -induced differentiation into myofibroblasts involves specific regulation of two MKL1 isoforms. Journal of Cell Science, 2014, 127, 1079-91.	1.2	82
1313	Expression of Insulin-Like Growth Factor 2 Receptor in Corneal Keratocytes During Differentiation and in Response to Wound Healing. Investigative Ophthalmology and Visual Science, 2014, 55, 7697-7708.	3.3	19
1314	In vitro extracellular matrix model to evaluate stroma cell response to transvaginal mesh. Neurourology and Urodynamics, 2014, 33, 449-454.	0.8	2
1315	An Essential Role for Senescent Cells in Optimal Wound Healing through Secretion of PDGF-AA. Developmental Cell, 2014, 31, 722-733.	3.1	1,376
1316	Autophagy fosters myofibroblast differentiation through MTORC2 activation and downstream upregulation of CTGF. Autophagy, 2014, 10, 2193-2207.	4.3	67
1317	High-Dosage Tamoxifen as Neoadjuvant Treatment in Minimally Invasive Surgery for Dupuytren Disease in Patients with a Strong Predisposition Toward Fibrosis. Journal of Bone and Joint Surgery - Series A, 2014, 96, 655-662.	1.4	22
1318	Cardiac valve cells and their microenvironmentâ€"insights from in vitro studies. Nature Reviews Cardiology, 2014, 11, 715-727.	6.1	80
1319	Redox-Relevant Aspects of the Extracellular Matrix and Its Cellular Contacts <i>via</i> li>Integrins. Antioxidants and Redox Signaling, 2014, 20, 1977-1993.	2.5	85
1320	The wound healing, chronic fibrosis, and cancer progression triad. Physiological Genomics, 2014, 46, 223-244.	1.0	189
1321	The prehistory of the cytoskeleton concept. Cytoskeleton, 2014, 71, 464-471.	1.0	12

#	Article	IF	CITATIONS
1322	Mechanisms of Fibrosis in IPF., 2014, , 161-205.		6
1323	Prostaglandin E ₂ â€Dependent Blockade of Actomyosin and Stress Fibre Formation Is Mediated Through S1379 Phosphorylation of ROCK2. Journal of Cellular Biochemistry, 2014, 115, 1516-1527.	1.2	6
1324	A mechanical-biochemical feedback loop regulates remodeling in the actin cytoskeleton. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17528-17533.	3.3	37
1325	Role of integrin signalling through integrinâ€linked kinase in skin physiology and pathology. Experimental Dermatology, 2014, 23, 453-456.	1.4	7
1326	Acquired discrete subaortic stenosis in solid organ transplant recipients. Pediatric Transplantation, 2014, 18, E161-4.	0.5	2
1327	An assessment of mast cells and myofibroblasts in dentureâ€induced fibrous hyperplasia. Journal of Oral Pathology and Medicine, 2014, 43, 53-60.	1.4	6
1328	Blue light inhibits transforming growth factorâ€Î²1â€induced myofibroblast differentiation of human dermal fibroblasts. Experimental Dermatology, 2014, 23, 240-246.	1.4	28
1329	Lamininâ€5 gamma 2 chain expression is associated with intensity of tumor budding and density of stromal myofibroblasts in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2014, 43, 199-204.	1.4	43
1330	Prostaglandin E2 Inhibits α-Smooth Muscle Actin Transcription during Myofibroblast Differentiation via Distinct Mechanisms of Modulation of Serum Response Factor and Myocardin-related Transcription Factor-A. Journal of Biological Chemistry, 2014, 289, 17151-17162.	1.6	84
1331	Targeting protease activated receptor-1 with P1pal-12 limits bleomycin-induced pulmonary fibrosis. Thorax, 2014, 69, 152-160.	2.7	44
1332	Lysyl Oxidase-Like 2 Level and Glaucoma Surgical Outcomes. , 2014, 55, 3337.		12
1333	The significance of macrophage phenotype in cancer and biomaterials. Clinical and Translational Medicine, 2014, 3, 62.	1.7	23
1334	Quantifying the correlation between spatially defined oxygen gradients and cell fate in an engineered three-dimensional culture model. Journal of the Royal Society Interface, 2014, 11, 20140501.	1.5	24
1335	Building stable anisotropic tissues using cellular collagen gels. Organogenesis, 2014, 10, 6-8.	0.4	18
1336	IDIOPATHIC EPIRETINAL MEMBRANE. Retina, 2014, 34, 2317-2335.	1.0	202
1337	Myofibroblast presence in apparently normal mucosa adjacent to oral squamous cell carcinoma associated with chronic tobacco/areca nut use: evidence for field cancerization. Acta Odontologica Scandinavica, 2014, 72, 502-508.	0.9	6
1338	Technical Advance: Live-imaging analysis of human dendritic cell migrating behavior under the influence of immune-stimulating reagents in an organotypic model of lung. Journal of Leukocyte Biology, 2014, 96, 481-489.	1.5	13
1339	Trapping of naive lymphocytes triggers rapid growth and remodeling of the fibroblast network in reactive murine lymph nodes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E109-18.	3.3	119

#	Article	IF	CITATIONS
1341	Aortic Carboxypeptidase-like Protein (ACLP) Enhances Lung Myofibroblast Differentiation through Transforming Growth Factor \hat{l}^2 Receptor-dependent and -independent Pathways. Journal of Biological Chemistry, 2014, 289, 2526-2536.	1.6	50
1342	Biomechanics of TGFβâ€induced epithelialâ€mesenchymal transition: implications for fibrosis and cancer. Clinical and Translational Medicine, 2014, 3, 23.	1.7	112
1343	Tissue Response to Implanted Ahmed Glaucoma Valve with Adjunctive Amniotic Membrane in Rabbit Eyes. Ophthalmic Research, 2014, 51, 129-139.	1.0	23
1344	Inducing chemotactic and haptotactic cues in microfluidic devices for three-dimensional in vitro assays. Biomicrofluidics, 2014, 8, 064122.	1.2	23
1345	The Nucleic Acid Scavenger Polyamidoamine Third-Generation Dendrimer Inhibits Fibroblast Activation and Granulation Tissue Contraction. Plastic and Reconstructive Surgery, 2014, 134, 420e-433e.	0.7	15
1346	A novel immune competent murine hypertrophic scar contracture model: A tool to elucidate disease mechanism and develop new therapies. Wound Repair and Regeneration, 2014, 22, 755-764.	1.5	32
1347	Needle Aponeurotomy for the Treatment of Dupuytren's Disease. Hand Clinics, 2014, 30, 33-38.	0.4	18
1348	Reversal of myofibroblast differentiation: A review. European Journal of Pharmacology, 2014, 734, 83-90.	1.7	71
1349	Pathological changes in the COPD lung mesenchyme – Novel lessons learned from inÂvitro and inÂvivo studies. Pulmonary Pharmacology and Therapeutics, 2014, 29, 121-128.	1.1	30
1350	Myofibroblasts: Trust your heart and let fate decide. Journal of Molecular and Cellular Cardiology, 2014, 70, 9-18.	0.9	273
1351	Acute slowing of cardiac conduction in response to myofibroblast coupling to cardiomyocytes through N-cadherin. Journal of Molecular and Cellular Cardiology, 2014, 68, 29-37.	0.9	35
1352	Force-driven evolution of mesoscale structure in engineered 3D microtissues and the modulation of tissue stiffening. Biomaterials, 2014, 35, 5056-5064.	5.7	52
1353	Effect of recombinant human IFN \hat{I}^3 in the treatment of chronic pulmonary complications due to sulfur mustard intoxication. Journal of Immunotoxicology, 2014, 11, 72-77.	0.9	23
1354	Optimization and regeneration kinetics of lymphatic-specific photodynamic therapy in the mouse dermis. Angiogenesis, 2014, 17, 347-357.	3.7	29
1355	Role of miR-145 in cardiac myofibroblast differentiation. Journal of Molecular and Cellular Cardiology, 2014, 66, 94-105.	0.9	86
1356	Injectable and bioresponsive hydrogels for on-demand matrix metalloproteinase inhibition. Nature Materials, 2014, 13, 653-661.	13.3	419
1357	Extracellular matrix proteins: A positive feedback loop in lung fibrosis?. Matrix Biology, 2014, 34, 170-178.	1.5	76
1358	Lithium chloride inhibits TGF-β1-induced myofibroblast transdifferentiation via PI3K/Akt pathway in cultured fibroblasts from Tenon's capsule of the human eye. Biotechnology Letters, 2014, 36, 1217-1224.	1.1	14

#	Article	IF	CITATIONS
1359	The innervation of the human acetabular labrum and hip joint: an anatomic study. BMC Musculoskeletal Disorders, 2014, 15, 41.	0.8	70
1360	Myofibroblasts and the extracellular matrix network in post-myocardial infarction cardiac remodeling. Pflugers Archiv European Journal of Physiology, 2014, 466, 1113-27.	1.3	94
1361	Notch and TGF-β/Smad3 pathways are involved in the interaction between cancer cells and cancer-associated fibroblasts in papillary thyroid carcinoma. Tumor Biology, 2014, 35, 379-385.	0.8	43
1362	Targeting cardiac fibroblasts to treat fibrosis of the heart: Focus on HDACs. Journal of Molecular and Cellular Cardiology, 2014, 70, 100-107.	0.9	72
1363	The Antifibrotic Effects and Mechanisms of MicroRNA-26a Action in Idiopathic Pulmonary Fibrosis. Molecular Therapy, 2014, 22, 1122-1133.	3.7	111
1364	Nanofiberâ€expanded human umbilical cord blood–derived <scp>CD</scp> 34 ⁺ cell therapy accelerates cutaneous wound closure in <scp>NOD</scp> / <scp>SCID</scp> mice. Journal of Cellular and Molecular Medicine, 2014, 18, 685-697.	1.6	18
1365	Targeting the Myofibroblast Genetic Switch: Inhibitors of Myocardin-Related Transcription Factor/Serum Response Factor–Regulated Gene Transcription Prevent Fibrosis in a Murine Model of Skin Injury. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 480-486.	1.3	92
1366	Genetic regulation and potentially therapeutic application of cancerâ€associated fibroblasts in oral cancer. Journal of Oral Pathology and Medicine, 2014, 43, 323-334.	1.4	13
1367	Clickable, Photodegradable Hydrogels to Dynamically Modulate Valvular Interstitial Cell Phenotype. Advanced Healthcare Materials, 2014, 3, 649-657.	3.9	54
1368	Immunotherapy of tumor with vaccine based on basic fibroblast growth factor-activated fibroblasts. Journal of Cancer Research and Clinical Oncology, 2014, 140, 271-280.	1.2	20
1369	Dynamic cell–cell and cell–ECM interactions in the heart. Journal of Molecular and Cellular Cardiology, 2014, 70, 19-26.	0.9	82
1370	How Cells Feel: Stochastic Model for a Molecular Mechanosensor. Biophysical Journal, 2014, 106, 124-133.	0.2	16
1371	The Role of PPARδ Signaling in the Cardiovascular System. Progress in Molecular Biology and Translational Science, 2014, 121, 451-473.	0.9	21
1373	Myofibroblast Differentiation: Main Features, Biomedical Relevance, and the Role of Reactive Oxygen Species. Antioxidants and Redox Signaling, 2014, 21, 768-785.	2.5	37
1374	In vitro models of tumor vessels and matrix: Engineering approaches to investigate transport limitations and drug delivery in cancer. Advanced Drug Delivery Reviews, 2014, 69-70, 205-216.	6.6	60
1375	Topical application of ALK5 inhibitor A-83-01 reduces burn wound contraction in rats by suppressing myofibroblast population. Bioscience, Biotechnology and Biochemistry, 2014, 78, 1805-1812.	0.6	3
1376	Simvastatin inhibits transforming growth factorâ€Î²1â€induced expression of type <scp>I</scp> collagen, <scp>CTGF</scp> , and αâ€ <scp>SMA</scp> in keloid fibroblasts. Wound Repair and Regeneration, 2014, 22, 125-133.	1.5	55
1377	Functional characteristics of vaginal fibroblastic cells from premenopausal women with pelvic organ prolapse. Molecular Human Reproduction, 2014, 20, 1135-1143.	1.3	41

#	ARTICLE	IF	CITATIONS
1378	Advances in skin grafting and treatment of cutaneous wounds. Science, 2014, 346, 941-945.	6.0	609
1379	Composite nonwovens in medical applications. , 2014, , 211-224.		9
1380	A new bioassay identifies proliferation ratios of fibroblasts and myofibroblasts. Cell Biology International, 2014, 38, 981-986.	1.4	12
1381	TGF-β1 induces differentiation of papillary fibroblasts to reticular fibroblasts in monolayer culture but not in human skin equivalents. European Journal of Dermatology, 2014, 24, 342-348.	0.3	11
1382	Targeted Injection of a Biocomposite Material Alters Macrophage and Fibroblast Phenotype and Function following Myocardial Infarction: Relation to Left Ventricular Remodeling. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 701-709.	1.3	24
1383	Prestress in the extracellular matrix sensitizes latent TGF- \hat{l}^21 for activation. Journal of Cell Biology, 2014, 207, 283-297.	2.3	184
1384	In vitro study of the impact of mechanical tension on the dermal fibroblast phenotype in the context of skin wound healing. Journal of Biomechanics, 2014, 47, 3555-3561.	0.9	37
1385	MMI-0100 inhibits cardiac fibrosis in myocardial infarction by direct actions on cardiomyocytes and fibroblasts via MK2 inhibition. Journal of Molecular and Cellular Cardiology, 2014, 77, 86-101.	0.9	41
1386	Mechanotransduction and extracellular matrix homeostasis. Nature Reviews Molecular Cell Biology, 2014, 15, 802-812.	16.1	1,492
1387	The effect of keratinocytes on the biomechanical characteristics and pore microstructure of tissue engineered skin using deep dermal fibroblasts. Biomaterials, 2014, 35, 9591-9598.	5.7	18
1388	THE CARDIOPROTECTIVE ROLE OF NACA IN THE PREVENTION OF DOXORUBICIN AND TRASTUZUMAB MEDIATED CARDIAC DYSFUNCTION. Canadian Journal of Cardiology, 2014, 30, S126-S127.	0.8	0
1389	Panx1 Regulates Cellular Properties of Keratinocytes and Dermal Fibroblasts in Skin Development and Wound Healing. Journal of Investigative Dermatology, 2014, 134, 2026-2035.	0.3	66
1390	Extracellular matrix sub-types and mechanical stretch impact human cardiac fibroblast responses to transforming growth factor beta. Connective Tissue Research, 2014, 55, 248-256.	1.1	21
1392	Total polysaccharide of <i>Yupingfeng</i> protects against bleomycin-induced pulmonary fibrosis <i>via</i> inhibiting transforming growth factor- \hat{l}^2 1-mediated type I collagen abnormal deposition in rats. Journal of Pharmacy and Pharmacology, 2014, 66, 1786-1795.	1.2	27
1393	Establishing a gingival fibroblast phenotype in a perfused degradable polyurethane scaffold: Mediation by TGF-l ² 1, FGF-2, l ² 1-integrin, and focal adhesion kinase. Biomaterials, 2014, 35, 10025-10032.	5.7	19
1394	Fibroblast heterogeneity in the cancer wound. Journal of Experimental Medicine, 2014, 211, 1503-1523.	4.2	683
1395	The myriad essential roles of microRNAs in cardiovascular homeostasis and disease. Genes and Diseases, 2014, 1, 18-39.	1.5	23
1396	Angiopoietins Promote Ovarian Cancer Progression by Establishing a Procancer Microenvironment. American Journal of Pathology, 2014, 184, 2285-2296.	1.9	40

#	Article	IF	CITATIONS
1397	The Role of Mechanical Forces in Tumor Growth and Therapy. Annual Review of Biomedical Engineering, 2014, 16, 321-346.	5.7	742
1398	Mesenchymal–endothelial transition contributes to cardiac neovascularization. Nature, 2014, 514, 585-590.	13.7	284
1399	Network Modeling Approach to Predict Myofibroblast Differentiation. Cellular and Molecular Bioengineering, 2014, 7, 446-459.	1.0	13
1400	Adult adipose-derived stem cells and breast cancer: a controversial relationship. SpringerPlus, 2014, 3, 345.	1.2	57
1401	Sunitinib mesylate inhibits proliferation of human colonic stromal fibroblasts in vitro and in vivo. Journal of Zhejiang University: Science B, 2014, 15, 701-712.	1.3	7
1402	Molecular and cellular basis of scleroderma. Journal of Molecular Medicine, 2014, 92, 913-924.	1.7	35
1403	Transgelins, cytoskeletal proteins implicated in different aspects of cancer development. Expert Review of Proteomics, 2014, 11, 149-165.	1.3	81
1404	Joint haemorrhage partly accelerated immobilization-induced synovial adhesions and capsular shortening in rats. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2874-2883.	2.3	21
1405	Cardiac fibroblast in development and wound healing. Journal of Molecular and Cellular Cardiology, 2014, 70, 47-55.	0.9	128
1406	Favorable effect of myofibroblasts on collagen synthesis and osteocalcin production in the periodontal ligament. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 145, 469-479.	0.8	16
1407	Mechanisms of exercise-induced cardiac growth. Drug Discovery Today, 2014, 19, 1003-1009.	3.2	28
1408	Endotoxin-Induced Endothelial Fibrosis Is Dependent on Expression of Transforming Growth Factors \hat{l}^21 and \hat{l}^22 . Infection and Immunity, 2014, 82, 3678-3686.	1.0	30
1410	Myocardial fibroblast–matrix interactions and potential therapeutic targets. Journal of Molecular and Cellular Cardiology, 2014, 70, 92-99.	0.9	76
1411	The integrin needle in the stromal haystack: emerging role in corneal physiology and pathology. Journal of Cell Communication and Signaling, 2014, 8, 113-124.	1.8	4
1412	Transforming growth factor- \hat{l}^21 and \hat{l}_\pm -smooth muscle actin in stromal fibroblasts are associated with a poor prognosis in patients with clinical stage lâ \in "IIIA nonsmall cell lung cancer after curative resection. Tumor Biology, 2014, 35, 6707-6713.	0.8	37
1413	TRIP-1 via AKT modulation drives lung fibroblast/myofibroblast trans-differentiation. Respiratory Research, 2014, 15, 19.	1.4	11
1414	Eosinophilic esophagitis. Annals of Allergy, Asthma and Immunology, 2014, 112, 397-403.	0.5	35
1415	Antifibrotic properties of epigallocatechin-3-gallate in endometriosis. Human Reproduction, 2014, 29, 1677-1687.	0.4	66

#	Article	IF	CITATIONS
1416	Nonlinear finite element simulations of injuries with free boundaries: Application to surgical wounds. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 616-633.	1.0	14
1417	Mechanical tension as a driver of connective tissue growth in vitro. Medical Hypotheses, 2014, 83, 111-115.	0.8	5
1418	MP52-13 ESTROGEN RECEPTOR \hat{I}_{\pm} IN CANCER ASSOCIATED FIBROBLASTS SUPPRESSES PROSTATE CANCER INVASION VIA MODULATION OF THROMBOSPONDIN-2 AND MATRIX METALLOPROTEINASE 3. Journal of Urology, 2014, 191, .	0.2	0
1419	The different roles of myosin IIA and myosin IIB in contraction of 3D collagen matrices by human fibroblasts. Experimental Cell Research, 2014, 326, 295-306.	1.2	13
1420	Mechanoregulation of valvular interstitial cell phenotype in the third dimension. Biomaterials, 2014, 35, 1128-1137.	5.7	29
1421	Effect of dietary fiber/starch balance on the cecal proteome of growing rabbits. Journal of Proteomics, 2014, 103, 23-34.	1.2	5
1422	Alternative strategies to manipulate fibrocyte involvement in the fibrotic tissue response: Pharmacokinetic inhibition and the feasibility of directed-adipogenic differentiation. Acta Biomaterialia, 2014, 10, 3108-3116.	4.1	19
1423	Ergosterol peroxide from Cordyceps cicadae ameliorates TGF- \hat{l}^21 -induced activation of kidney fibroblasts. Phytomedicine, 2014, 21, 372-378.	2.3	55
1424	The Nano-Scale Mechanical Properties of the Extracellular Matrix Regulate Dermal Fibroblast Function. Journal of Investigative Dermatology, 2014, 134, 1862-1872.	0.3	207
1425	Biomechanical regulation of vascular smooth muscle cell functions: from <i>in vitro</i> to <i>in vivo</i> understanding. Journal of the Royal Society Interface, 2014, 11, 20130852.	1.5	137
1426	Human mesenchymal stem cells express a myofibroblastic phenotype in vitro: comparison to human cardiac myofibroblasts. Molecular and Cellular Biochemistry, 2014, 392, 187-204.	1.4	23
1427	LIM proteins in actin cytoskeleton mechanoresponse. Trends in Cell Biology, 2014, 24, 575-583.	3.6	102
1428	Evaluation of a porcine model of early aortic valve sclerosis. Cardiovascular Pathology, 2014, 23, 289-297.	0.7	32
1429	Estrogen receptor \hat{l}_{\pm} in cancer-associated fibroblasts suppresses prostate cancer invasion via modulation of thrombospondin 2 and matrix metalloproteinase 3. Carcinogenesis, 2014, 35, 1301-1309.	1.3	63
1430	Tumor Microenvironment and Metabolism in Prostate Cancer. Seminars in Oncology, 2014, 41, 267-280.	0.8	58
1431	Tumor Microenvironment in Head and Neck Squamous Cell Carcinoma. Seminars in Oncology, 2014, 41, 217-234.	0.8	226
1432	Effects of interleukin-1 on cardiac fibroblast function: Relevance to post-myocardial infarction remodelling. Vascular Pharmacology, 2014, 60, 1-7.	1.0	50
1433	Topical pluronic F-127 gel application enhances cutaneous wound healing in rats. Acta Histochemica, 2014, 116, 5-13.	0.9	109

#	Article	IF	Citations
1434	Tumor-derived mural-like cells coordinate with endothelial cells: role of YKL-40 in mural cell-mediated angiogenesis. Oncogene, 2014, 33, 2110-2122.	2.6	30
1435	The pathogenesis of cardiac fibrosis. Cellular and Molecular Life Sciences, 2014, 71, 549-574.	2.4	1,164
1436	Proteolytic and Non-proteolytic Activation of Keratinocyte-Derived Latent TGF-Î ² 1 Induces Fibroblast Differentiation in a Wound-Healing Model Using Rat Skin. Journal of Pharmacological Sciences, 2014, 124, 230-243.	1.1	26
1437	The fusion of tissue spheroids attached to pre-stretched electrospun polyurethane scaffolds. Journal of Tissue Engineering, 2014, 5, 204173141455656.	2.3	32
1438	Disease and region-related cardiac fibroblast potassium current variations and potential functional significance. Cardiovascular Research, 2014, 102, 487-496.	1.8	17
1439	Semaphorin 4A enhances lung fibrosis through activation of Akt via PlexinD1 receptor. Journal of Biosciences, 2015, 40, 855-862.	0.5	22
1440	Spread of tumor microenvironment contributes to colonic obstruction through subperitoneal fibroblast activation in colon cancer. Cancer Science, 2015, 106, 466-474.	1.7	3
1441	Electron microscopy of human fascia lata: focus on telocytes. Journal of Cellular and Molecular Medicine, 2015, 19, 2500-2506.	1.6	44
1442	Mechanical Regulation of Myofibroblasts: Mechanically Guided Matrix Remodeling and Prevention of Fibrosis in Regenerative Medicine., 2015, , 115-144.		0
1443	Mechanical Properties of Cytoskeletal Structures and Their Response to Externally Applied Forces. , 2015, , 173-194.		0
1444	Role of $TGF\hat{l}^2$ in regulation of the tumor microenvironment and drug delivery (Review). International Journal of Oncology, 2015, 46, 933-943.	1.4	160
1445	FSP1+ fibroblast subpopulation is essential for the maintenance and regeneration of medullary thymic epithelial cells. Scientific Reports, 2015, 5, 14871.	1.6	44
1446	$1\hat{i}\pm,25$ -Dihydroxyvitamin D3 prevents the differentiation of human lung fibroblasts via microRNA-27b targeting the vitamin D receptor. International Journal of Molecular Medicine, 2015, 36, 967-974.	1.8	31
1447	Inhibition of transforming growth factor- \hat{l}^2 via the activin receptor-like kinase-5 inhibitor attenuates pulmonary fibrosis. Molecular Medicine Reports, 2015, 11, 3808-3813.	1.1	37
1448	Hypoxia-induced microRNA-155 promotes fibrosis in proximal tubule cells. Molecular Medicine Reports, 2015, 11, 4555-4560.	1.1	30
1449	Involvement of pro-inflammatory cytokines and growth factors in the pathogenesis of Dupuytren's contracture: a novel target for a possible future therapeutic strategy?. Clinical Science, 2015, 129, 711-720.	1.8	27
1450	In vivo Monitoring of Transcriptional Dynamics After Lower-Limb Muscle Injury Enables Quantitative Classification of Healing. Scientific Reports, 2015, 5, 13885.	1.6	21
1451	Stretching Fibroblasts Remodels Fibronectin and Alters Cancer Cell Migration. Scientific Reports, 2015, 5, 8334.	1.6	72

#	Article	IF	CITATIONS
1452	The Anti-fibrotic Effects and Mechanisms of MicroRNA-486-5p in Pulmonary Fibrosis. Scientific Reports, 2015, 5, 14131.	1.6	89
1454	MiR-29 mediates $TGF\hat{l}^2$ 1-induced extracellular matrix synthesis through activation of Wnt/\hat{l}^2 -catenin pathway in human pulmonary fibroblasts. Technology and Health Care, 2015, 23, S119-S125.	0.5	29
1455	Fibronectin localization and fibrillization are affected by the presence of serum in culture media. Scientific Reports, 2015, 5, 9278.	1.6	10
1456	Number and distribution of myofibroblasts and α-smooth muscle actin expression levels in fetal membranes with and without gestational complications. Molecular Medicine Reports, 2015, 12, 2784-2792.	1.1	6
1457	Competition between cap and basal actin fiber orientation in cells subjected to contact guidance and cyclic strain. Scientific Reports, 2015, 5, 8752.	1.6	31
1458	Dermal Fibroblasts from the Red Duroc Pig Have an Inherently Fibrogenic Phenotype. Plastic and Reconstructive Surgery, 2015, 136, 990-1000.	0.7	13
1459	Expression analysis of α-smooth muscle actin and tenascin-C in the periodontal ligament under orthodontic loading or in vitro culture. International Journal of Oral Science, 2015, 7, 232-241.	3.6	12
1460	Immunohistochemical expression of matrix metalloproteinaseâ€1, matrix metalloproteinaseâ€2 and matrix metalloproteinaseâ€9, myofibroblasts and Kiâ€67 in actinic cheilitis and lip squamous cell carcinoma. International Journal of Experimental Pathology, 2015, 96, 311-318.	0.6	16
1461	Human Dupuytren's $<$ em $>$ Ex Vivo $<$ /em $>$ Culture for the Study of Myofibroblasts and Extracellular Matrix Interactions. Journal of Visualized Experiments, 2015, , .	0.2	3
1462	Endothelial Cell Apoptosis Induces TGF-β Signaling-Dependent Host Endothelial–Mesenchymal Transition to Promote Transplant Arteriosclerosis. American Journal of Transplantation, 2015, 15, 3095-3111.	2.6	33
1463	Stable incorporation of $\hat{l}\pm\hat{a}$ smooth muscle actin into stress fibers is dependent on specific tropomyosin isoforms. Cytoskeleton, 2015, 72, 257-267.	1.0	29
1464	Cardiac Fibroblast Physiology and Pathology. , 2015, 5, 887-909.		39
1465	Extracellular Ubiquitin: Role in Myocyte Apoptosis and Myocardial Remodeling., 2015, 6, 527-560.		16
1466	Intensive Hemodialysis Preserved Cardiac injury. ASAIO Journal, 2015, 61, 613-619.	0.9	6
1467	The <scp>A</scp> kt inhibitor, triciribine, ameliorates chronic hypoxiaâ€induced vascular pruning and <scp>TGF</scp> βâ€induced pulmonary fibrosis. British Journal of Pharmacology, 2015, 172, 4173-4188.	2.7	37
1468	Inhibitory effects of relaxin on cardiac fibroblastâ€toâ€myofibroblast transition: an electrophysiological study. Experimental Physiology, 2015, 100, 652-666.	0.9	13
1469	Pulsed low-intensity ultrasound increases proliferation and extracelluar matrix production by human dermal fibroblasts in three-dimensional culture. Journal of Tissue Engineering, 2015, 6, 204173141561577.	2.3	11
1470	Histological study of human abdominal skin after repeated pregnancy. Egyptian Journal of Histology, 2015, 38, 41-56.	0.0	1

#	Article	IF	CITATIONS
1471	Microscale generation of dynamic forces in cell culture systems. , 0, , 47-68.		0
1472	Cancer-Associated Fibroblasts: Their Characteristics and Their Roles in Tumor Growth. Cancers, 2015, 7, 2443-2458.	1.7	616
1473	High-Magnitude and/or High-Frequency Mechanical Strain Promotes Peripapillary Scleral Myofibroblast Differentiation. , 2015, 56, 7821.		27
1474	Histological and biomechanical changes in aÂmouse model of venous thrombus remodeling. Biorheology, 2015, 52, 235-245.	1.2	32
1475	Ahmed Glaucoma Valve Implantation for Refractory Glaucoma in a Tertiary Hospital in Brazil. Journal of Ophthalmology, 2015, 2015, 1-7.	0.6	11
1476	Epithelial-Mesenchymal Transition — A Possible Pathogenic Pathway of Fibrotic Gingival Overgrowth. , 0, , .		0
1477	Review papers Some molecular aspects of the fibroproliferative process in keloids. Przeglad Dermatologiczny, 2015, 3, 253-262.	0.0	0
1478	Macrophages During the Fibrotic Process: M2 as Friend and Foe. Frontiers in Immunology, 2015, 6, 602.	2.2	321
1479	Inhibition of SERPINE1 Function Attenuates Wound Closure in Response to Tissue Injury: A Role for PAI-1 in Re-Epithelialization and Granulation Tissue Formation. Journal of Developmental Biology, 2015, 3, 11-24.	0.9	10
1480	Signaling in Fibrosis: TGF-β, WNT, and YAP/TAZ Converge. Frontiers in Medicine, 2015, 2, 59.	1.2	350
1481	Mechanical Stress Changes the Complex Interplay Between HO-1, Inflammation and Fibrosis, During Excisional Wound Repair. Frontiers in Medicine, 2015, 2, 86.	1.2	16
1482	Inflammatory Gene Expression Upon TGF- \hat{l}^2 1-Induced p38 Activation in Primary Dupuytren's Disease Fibroblasts. Frontiers in Molecular Biosciences, 2015, 2, 68.	1.6	7
1483	Differential MR Delayed Enhancement Patterns of Chronic Myocardial Infarction between Extracellular and Intravascular Contrast Media. PLoS ONE, 2015, 10, e0121326.	1.1	3
1484	TGF- \hat{l}^2 1-Mediated Differentiation of Fibroblasts Is Associated with Increased Mitochondrial Content and Cellular Respiration. PLoS ONE, 2015, 10, e0123046.	1.1	69
1485	DA-Raf-Mediated Suppression of the Rasâ€"ERK Pathway Is Essential for TGF-β1-Induced Epithelialâ€"Mesenchymal Transition in Alveolar Epithelial Type 2 Cells. PLoS ONE, 2015, 10, e0127888.	1.1	35
1486	RECK-Mediated \hat{l}^2 1-Integrin Regulation by TGF- \hat{l}^2 1 Is Critical for Wound Contraction in Mice. PLoS ONE, 2015, 10, e0135005.	1.1	13
1487	TAT-Mediated Acidic Fibroblast Growth Factor Delivery to the Dermis Improves Wound Healing of Deep Skin Tissue in Rat. PLoS ONE, 2015, 10, e0135291.	1.1	19
1488	Mechanosensitivity of the 2nd Kind: TGF- \hat{l}^2 Mechanism of Cell Sensing the Substrate Stiffness. PLoS ONE, 2015, 10, e0139959.	1.1	15

#	Article	IF	CITATIONS
1489	NGF Modulates trkANGFR/p75NTR in αSMA-Expressing Conjunctival Fibroblasts from Human Ocular Cicatricial Pemphigoid (OCP). PLoS ONE, 2015, 10, e0142737.	1.1	18
1490	Fibrosis Related Inflammatory Mediators: Role of the IL-10 Cytokine Family. Mediators of Inflammation, 2015, 2015, 1-15.	1.4	206
1491	The Role of PPAR Gamma in Systemic Sclerosis. PPAR Research, 2015, 2015, 1-12.	1.1	52
1492	The Kinesio Taping Method for Myofascial Pain Control. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	56
1493	Molecular mechanisms of cellular mechanotransduction in wound healing., 0,, 266-294.		0
1494	miR-145 Contributes to Hypertrophic Scarring of the Skin by Inducing Myofibroblast Activity. Molecular Medicine, 2015, 21, 296-304.	1.9	71
1495	Cellular Communications in the Heart. Cardiac Failure Review, 2015, 1, 64.	1.2	45
1496	Intestinal Myofibroblast TRPC6 Channel May Contribute to Stenotic Fibrosis in Crohn's Disease. Inflammatory Bowel Diseases, 2015, 21, 496-506.	0.9	30
1497	Research on growth factors in periodontology. Periodontology 2000, 2015, 67, 234-250.	6.3	34
1498	A biomechanical perspective on stress fiber structure and function. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 3065-3074.	1.9	85
1499	Pancreatic cancer stromal biology and therapy. Genes and Diseases, 2015, 2, 133-143.	1.5	110
1500	Effects of hydraulic pressure on cardiomyoblasts in a microfluidic device. Biomicrofluidics, 2015, 9, 024111.	1.2	4
1501	Electrospun Biopolyesters as Drug Screening Platforms for Corneal Keratocytes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 785-791.	1.8	15
1502	Notch1 Mutation Leads to Valvular Calcification Through Enhanced Myofibroblast Mechanotransduction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1597-1605.	1.1	49
1504	Matrix Rigidity Mediates $TGF\hat{l}^21$ -induced Epithelial-Myofibroblast Transition by Controlling Cytoskeletal Organization and MRTF-A Localization. Journal of Cellular Physiology, 2015, 230, 1829-1839.	2.0	54
1505	Percutaneous Aponeurotomy and Lipofilling (PALF). Clinics in Plastic Surgery, 2015, 42, 375-381.	0.7	30
1506	Role of angiotensin II and oxidative stress in renal inflammation by hypernatremia: Benefits of atrial natriuretic peptide, losartan, and tempol. Free Radical Research, 2015, 49, 383-396.	1.5	14
1507	Remodeling of extracellular matrix by normal and tumor-associated fibroblasts promotes cervical cancer progression. BMC Cancer, 2015, 15, 256.	1.1	101

#	Article	IF	CITATIONS
1508	PDGFR $\hat{l}\pm$ signaling drives adipose tissue fibrosis by targeting progenitor cell plasticity. Genes and Development, 2015, 29, 1106-1119.	2.7	131
1509	Protomyofibroblast Pathway in Early Thermal Burn Healing. Skin Pharmacology and Physiology, 2015, 28, 250-254.	1.1	2
1510	Suppression of α Smooth Muscle Actin Accumulation by Bovine Fetal Dermal Collagen Matrix in Full Thickness Skin Wounds. Annals of Plastic Surgery, 2015, 74, S255-S258.	0.5	4
1511	Collagenase <i>Clostridium histolyticum</i> for the Treatment of Peyronie's Disease: The Development of This Novel Pharmacologic Approach. Journal of Sexual Medicine, 2015, 12, 1481-1489.	0.3	19
1512	Biological Soft Robotics. Annual Review of Biomedical Engineering, 2015, 17, 243-265.	5.7	87
1513	Limbal Fibroblasts Maintain Normal Phenotype in 3D RAFT Tissue Equivalents Suggesting Potential for Safe Clinical Use in Treatment of Ocular Surface Failure. Tissue Engineering - Part C: Methods, 2015, 21, 576-584.	1.1	10
1514	Angiotensinâ€Converting Enzymeâ€2 Overexpression Improves Atrial Remodeling and Function in a Canine Model of Atrial Fibrillation. Journal of the American Heart Association, 2015, 4, e001530.	1.6	17
1515	Inhibition of cellular transdifferentiation by losartan minimizes but does not reverse type 2 diabetes-induced renal fibrosis. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 469-480.	1.0	8
1516	Pathobiology of wound healing after glaucoma filtration surgery. BMC Ophthalmology, 2015, 15, 157.	0.6	85
1517	Fibronectin fibrillogenesis facilitates mechano-dependent cell spreading, force generation, and nuclear size in human embryonic fibroblasts. Integrative Biology (United Kingdom), 2015, 7, 1454-1465.	0.6	31
1518	Dupuytren's disease therapy: targeting the vicious cycle of myofibroblasts?. Expert Opinion on Therapeutic Targets, 2015, 19, 1677-1687.	1.5	6
1519	Transforming growth factor \hat{l}^21 signaling coincides with epithelial \hat{a} emesenchymal transition and fibroblast-to-myofibroblast transdifferentiation in the development of adenomyosis in mice. Human Reproduction, 2016, 31, dev314.	0.4	84
1520	Dasatinib inhibits TGFβ-induced myofibroblast differentiation through Src-SRF Pathway. European Journal of Pharmacology, 2015, 769, 134-142.	1.7	26
1521	Maximizing fibroblast adhesion on protein-coated surfaces using microfluidic cell printing. RSC Advances, 2015, 5, 104101-104109.	1.7	4
1522	BM-MSCs promote prostate cancer progression via the conversion of normal fibroblasts to cancer-associated fibroblasts. International Journal of Oncology, 2015, 47, 719-727.	1.4	44
1523	The role of P2X7 receptors in tissue fibrosis: a brief review. Purinergic Signalling, 2015, 11, 435-440.	1.1	33
1524	A Negative Regulatory Mechanism Involving 14-3-3ζ Limits Signaling Downstream of ROCK to Regulate Tissue Stiffness in Epidermal Homeostasis. Developmental Cell, 2015, 35, 759-774.	3.1	33
1525	Challenges in the Modeling of Wound Healing Mechanisms in Soft Biological Tissues. Annals of Biomedical Engineering, 2015, 43, 1654-1665.	1.3	35

#	Article	IF	CITATIONS
1526	Targeting the Fibronectin Type III Repeats in Tenascin-C Inhibits Epithelial-Mesenchymal Transition in the Context of Posterior Capsular Opacification. Investigative Ophthalmology and Visual Science, 2015, 56, 272-283.	3.3	17
1527	Pathological aspects of bovine focal fibrogranulomatous proliferative panniculitis (Lechiguana). Veterinary Research Communications, 2015, 39, 39-44.	0.6	4
1528	Cyclic mechanical strain induces $TGF\hat{l}^21$ -signalling in dermal fibroblasts embedded in a 3D collagen lattice. Archives of Dermatological Research, 2015, 307, 191-197.	1.1	10
1529	Peptide Assembly Integration of Fibroblastâ€Targeting and Cellâ€Penetration Features for Enhanced Antitumor Drug Delivery. Advanced Materials, 2015, 27, 1865-1873.	11.1	158
1530	Introduction to the molecular basis of cancer metabolism and the Warburg effect. Molecular Biology Reports, 2015, 42, 819-823.	1.0	65
1532	Diverse origins of the myofibroblast—implications for kidney fibrosis. Nature Reviews Nephrology, 2015, 11, 233-244.	4.1	210
1533	The assessment of the inÂvivo to inÂvitro cellular transition of human umbilical cord multipotent stromal cells. Placenta, 2015, 36, 232-239.	0.7	15
1534	Syndecan-4 is a key determinant of collagen cross-linking and passive myocardial stiffness in the pressure-overloaded heart. Cardiovascular Research, 2015, 106, 217-226.	1.8	87
1535	To Cross-Link or Not to Cross-Link? Cross-Linking Associated Foreign Body Response of Collagen-Based Devices. Tissue Engineering - Part B: Reviews, 2015, 21, 298-313.	2.5	205
1536	Inflammation and Cancer., 2015,, 285-296.e3.		O
1536 1537	Inflammation and Cancer. , 2015, , 285-296.e3. Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254.	0.4	59
	Tumor Endothelial Cells with Distinct Patterns of TGFÎ ² -Driven Endothelial-to-Mesenchymal Transition.	0.4	
1537	Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254. Loureirin B inhibits fibroblast proliferation and extracellular matrix deposition in hypertrophic scar		59
1537 1538	Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254. Loureirin B inhibits fibroblast proliferation and extracellular matrix deposition in hypertrophic scar via ⟨scp⟩TGF⟨/scp⟩â€⟨i⟩β⟨/i⟩/Smad pathway. Experimental Dermatology, 2015, 24, 355-360. Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy.	1.4	59 64
1537 1538 1539	Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254. Loureirin B inhibits fibroblast proliferation and extracellular matrix deposition in hypertrophic scar via ⟨scp⟩TGF⟨/scp⟩â€⟨i⟩β⟨/i⟩/Smad pathway. Experimental Dermatology, 2015, 24, 355-360. Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy. Journal of Applied Physiology, 2015, 118, 1299-1309. Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. Journal of	1.4	59 64 28
1537 1538 1539	Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254. Loureirin B inhibits fibroblast proliferation and extracellular matrix deposition in hypertrophic scar via <scp>TGF</scp> â€ <i>>β</i> >/Smad pathway. Experimental Dermatology, 2015, 24, 355-360. Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy. Journal of Applied Physiology, 2015, 118, 1299-1309. Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. Journal of Biological Chemistry, 2015, 290, 3563-3575. Probing the role of scaffold dimensionality and media composition on matrix production and	1.4 1.2 1.6	59 64 28
1537 1538 1539 1540	Tumor Endothelial Cells with Distinct Patterns of TGFβ-Driven Endothelial-to-Mesenchymal Transition. Cancer Research, 2015, 75, 1244-1254. Loureirin B inhibits fibroblast proliferation and extracellular matrix deposition in hypertrophic scar via ⟨scp⟩TGF⟨/scp⟩â€⟨i⟩β⟨/i⟩/Smad pathway. Experimental Dermatology, 2015, 24, 355-360. Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy. Journal of Applied Physiology, 2015, 118, 1299-1309. Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. Journal of Biological Chemistry, 2015, 290, 3563-3575. Probing the role of scaffold dimensionality and media composition on matrix production and phenotype of fibroblasts. Materials Science and Engineering C, 2015, 49, 588-596. Periostin induces fibroblast proliferation and myofibroblast persistence in hypertrophic scarring.	1.4 1.2 1.6 3.8	59 64 28 32

#	Article	IF	CITATIONS
1545	Palladin Mediates Stiffness-Induced Fibroblast Activation in the Tumor Microenvironment. Biophysical Journal, 2015, 109, 249-264.	0.2	19
1546	Modulation of wound healing in glaucoma surgery. Progress in Brain Research, 2015, 221, 319-340.	0.9	15
1547	Astragaloside IV suppresses transforming growth factor- \hat{l}^21 induced fibrosis of cultured mouse renal fibroblasts via inhibition of the MAPK and NF- \hat{l}^2 B signaling pathways. Biochemical and Biophysical Research Communications, 2015, 464, 1260-1266.	1.0	39
1548	The stereotypical molecular cascade in neovascular age-related macular degeneration: the role of dynamic reciprocity. Eye, 2015, 29, 1416-1426.	1.1	1
1549	Cardiac Fibrosis and Heart Failure: Cause or Effect?., 2015,,.		4
1550	Reduced Granulation Tissue and Wound Strength in the Absence of $\hat{l}\pm 11\hat{l}^21$ Integrin. Journal of Investigative Dermatology, 2015, 135, 1435-1444.	0.3	68
1551	Fibroblast Migration in 3D is Controlled by Haptotaxis in a Non-muscle Myosin II-Dependent Manner. Annals of Biomedical Engineering, 2015, 43, 3025-3039.	1.3	41
1552	Race and Melanocortin 1 Receptor Polymorphism R163Q Are Associated with Post-Burn Hypertrophic Scarring: A Prospective Cohort Study. Journal of Investigative Dermatology, 2015, 135, 2394-2401.	0.3	38
1553	A calixpyrrole derivative acts as a GPER antagonist: mechanisms and models. DMM Disease Models and Mechanisms, 2015, 8, 1237-46.	1,2	32
1554	LXA4 actions direct fibroblast function and wound closure. Biochemical and Biophysical Research Communications, 2015, 464, 1072-1077.	1.0	29
1555	Filamin A Mediates Wound Closure by Promoting Elastic Deformation and Maintenance of Tension in the Collagen Matrix. Journal of Investigative Dermatology, 2015, 135, 2852-2861.	0.3	19
1556	miR-145 Is a Promising Therapeutic Target to Prevent Cornea Scarring. Human Gene Therapy, 2015, 26, 698-707.	1.4	15
1557	Effects of Mechanical Stretching on the Morphology and Cytoskeleton of Vaginal Fibroblasts from Women with Pelvic Organ Prolapse. International Journal of Molecular Sciences, 2015, 16, 9406-9419.	1.8	24
1558	The interplay of fibronectin functionalization and TGF-Î ² 1 presence on fibroblast proliferation, differentiation and migration in 3D matrices. Biomaterials Science, 2015, 3, 1291-1301.	2.6	52
1559	The (dys)functional extracellular matrix. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 3153-3164.	1.9	72
1560	Inhibition of Myocardin-Related Transcription Factor/Serum Response Factor Signaling Decreases Lung Fibrosis and Promotes Mesenchymal Cell Apoptosis. American Journal of Pathology, 2015, 185, 969-986.	1.9	138
1561	Histologic changes associated with the use of fibrinogen- and thrombin-impregnated collagen in the prevention of pulmonary air leakage. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 982-988.	0.4	14
1562	A unifying neuro-fasciagenic model of somatic dysfunction – Underlying mechanisms and treatment – Part II. Journal of Bodywork and Movement Therapies, 2015, 19, 526-543.	0.5	39

#	Article	IF	Citations
1563	3D culture model of fibroblast-mediated collagen creep to identify abnormal cell behaviour. Biomechanics and Modeling in Mechanobiology, 2015, 14, 1255-1263.	1.4	3
1564	Proteomic analysis of the extracellular matrix in idiopathic pes equinovarus. Molecular and Cellular Biochemistry, 2015, 401, 133-139.	1.4	20
1565	Cellular and Extracellular Matrix Basis for Heterogeneity in Mitral Annular Contraction. Cardiovascular Engineering and Technology, 2015, 6, 151-159.	0.7	3
1566	Portrait of inflammatory response to ionizing radiation treatment. Journal of Inflammation, 2015, 12, 14.	1.5	208
1567	Human lung myofibroblast TGF \hat{i}^21 -dependent Smad2/3 signalling is Ca2+-dependent and regulated by KCa3.1 K+ channels. Fibrogenesis and Tissue Repair, 2015, 8, 5.	3.4	40
1568	Cancer-associated fibroblast-derived CXCL12 causes tumor progression in adenocarcinoma of the esophagogastric junction. Medical Oncology, 2015, 32, 618.	1.2	35
1569	Radiation-induced fibrosis: mechanisms and implications for therapy. Journal of Cancer Research and Clinical Oncology, 2015, 141, 1985-1994.	1.2	391
1570	Pharmacologic therapy for Peyronie's disease: what should we prescribe?. Expert Opinion on Pharmacotherapy, 2015, 16, 1299-1311.	0.9	4
1571	Origin and Function of Myofibroblasts in the Liver. Seminars in Liver Disease, 2015, 35, 097-106.	1.8	72
1572	Controlling the Balance of Fibroblast Proliferation and Differentiation: Impact of Thy-1. Journal of Investigative Dermatology, 2015, 135, 1893-1902.	0.3	44
1573	Targeted Inhibition of PAI-1 Activity Impairs Epithelial Migration and Wound Closure Following Cutaneous Injury. Advances in Wound Care, 2015, 4, 321-328.	2.6	31
1574	Pro-Angiogenic Character of Endothelial Cells and Gingival Fibroblasts Cocultures in Perfused Degradable Polyurethane Scaffolds. Tissue Engineering - Part A, 2015, 21, 1587-1599.	1.6	18
1575	Association of histone acetylation at the ACTA2 promoter region with epithelial mesenchymal transition of lens epithelial cells. Eye, 2015, 29, 828-838.	1.1	14
1576	Mitigation of hypertrophic scar contraction via an elastomeric biodegradable scaffold. Biomaterials, 2015, 43, 61-70.	5.7	53
1577	Renal fibrosis is not reduced by blocking transforming growth factor- \hat{l}^2 signaling in matrix-producing interstitial cells. Kidney International, 2015, 88, 503-514.	2.6	61
1578	Cellular interactions in the pathogenesis of interstitial lung diseases. European Respiratory Review, 2015, 24, 102-114.	3.0	231
1579	MicroRNAs in skin tissue engineering. Advanced Drug Delivery Reviews, 2015, 88, 16-36.	6.6	39
1580	Mechanobiology of myofibroblast adhesion in fibrotic cardiac disease. Journal of Cell Science, 2015, 128, 1865-1875.	1.2	108

#	Article	IF	CITATIONS
1581	A p38 MAPK Inhibitor Improves Outcome After Glaucoma Filtration Surgery. Journal of Glaucoma, 2015, 24, 165-178.	0.8	17
1582	Role of Mechanotransduction in Vascular Biology. Circulation Research, 2015, 116, 1448-1461.	2.0	299
1583	Cell Autonomous and Non-Autonomous Effects of Senescent Cells in the Skin. Journal of Investigative Dermatology, 2015, 135, 1722-1726.	0.3	102
1584	Current and Future Strategies for the Diagnosis and Treatment of Cardiac Fibrosis., 2015, , 181-217.		2
1585	Metabolic Reprogramming Is Required for Myofibroblast Contractility and Differentiation. Journal of Biological Chemistry, 2015, 290, 25427-25438.	1.6	140
1586	Effects triggered in the periphery by acupuncture. Acupuncture and Related Therapies, 2015, 3, 24-34.	0.3	8
1587	TGF-beta1 pathway activation and adherens junction molecular pattern in nonsyndromic mitral valve prolapse. Cardiovascular Pathology, 2015, 24, 359-367.	0.7	25
1588	Intratracheal Cell Transfer Demonstrates the Profibrotic Potential of Resident Fibroblasts in Pulmonary Fibrosis. American Journal of Pathology, 2015, 185, 2939-2948.	1.9	27
1589	Myofibroblasts from salivary gland adenoid cystic carcinomas promote cancer invasion by expressing <scp>MMP</scp> 2 and <scp>CXCL</scp> 12. Histopathology, 2015, 66, 781-790.	1.6	17
1590	Mathematical Simulations of Sphingosine-1-Phosphate Actions on Mammalian Ventricular Myofibroblasts and Myocytes. , 2015, , 299-322.		1
1591	Intracellular Signaling of Cardiac Fibroblasts. , 2015, 5, 721-760.		34
1592	Conformational coupling of integrin and Thy-1 regulates Fyn priming and fibroblast mechanotransduction. Journal of Cell Biology, 2015, 211, 173-190.	2.3	78
1593	YAP1 Is a Driver of Myofibroblast Differentiation in Normal and Diseased Fibroblasts. American Journal of Pathology, 2015, 185, 3326-3337.	1.9	106
1594	Mechanical forces regulate the interactions of fibronectin and collagen I in extracellular matrix. Nature Communications, 2015, 6, 8026.	5.8	256
1595	Medicinal Chemistry Approaches to Heart Regeneration. Journal of Medicinal Chemistry, 2015, 58, 9451-9479.	2.9	22
1596	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. Science Translational Medicine, 2015, 7, 301ra130.	5.8	252
1597	Mechanoregulation of cardiac myofibroblast differentiation: implications for cardiac fibrosis and therapy. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H532-H542.	1.5	58
1598	Glycolytic Reprogramming in Myofibroblast Differentiation and Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1462-1474.	2.5	376

#	ARTICLE	IF	Citations
1599	The extracellular matrix and transforming growth factor- \hat{l}^21 : Tale of a strained relationship. Matrix Biology, 2015, 47, 54-65.	1.5	453
1600	High-efficiency reprogramming of fibroblasts into cardiomyocytes requires suppression of pro-fibrotic signalling. Nature Communications, 2015, 6, 8243.	5.8	197
1601	Lipoxin A4 Attenuates Constitutive and TGF- $\hat{l}^21\hat{a}$ ©ependent Profibrotic Activity in Human Lung Myofibroblasts. Journal of Immunology, 2015, 195, 2852-2860.	0.4	38
1602	Optimising contraction and alignment of cellular collagen hydrogels to achieve reliable and consistent engineered anisotropic tissue. Journal of Biomaterials Applications, 2015, 30, 599-607.	1.2	29
1603	Fibroblast activation protein alpha expression identifies activated fibroblasts after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2015, 87, 194-203.	0.9	160
1604	TGF \hat{l}^2 functionalized starPEG-heparin hydrogels modulate human dermal fibroblast growth and differentiation. Acta Biomaterialia, 2015, 25, 65-75.	4.1	55
1605	Plasticity of hematopoietic stem cells. Best Practice and Research in Clinical Haematology, 2015, 28, 73-80.	0.7	10
1606	TGF- \hat{l}^21 epigenetically modifies Thy-1 expression in primary lung fibroblasts. American Journal of Physiology - Cell Physiology, 2015, 309, C616-C626.	2.1	53
1607	Has the search for a marker of activated fibroblasts finally come to an end?. Journal of Molecular and Cellular Cardiology, 2015, 88, 120-123.	0.9	29
1608	Ligand-activated PPARδ upregulates α-smooth muscle actin expression in human dermal fibroblasts: A potential role for PPARδ in wound healing. Journal of Dermatological Science, 2015, 80, 186-195.	1.0	27
1609	Identification of biomarkers involved in differential profiling of hypertrophic and keloid scars versus normal skin. Archives of Dermatological Research, 2015, 307, 115-133.	1.1	31
1610	Neuroinflammatory Mechanisms of Connective Tissue Fibrosis: Targeting Neurogenic and Mast Cell Contributions. Advances in Wound Care, 2015, 4, 137-151.	2.6	21
1611	Regulation of myofibroblast differentiation by miR-424 during epithelial-to-mesenchymal transition. Archives of Biochemistry and Biophysics, 2015, 566, 49-57.	1.4	50
1612	Sirtuin-6 inhibits cardiac fibroblasts differentiation into myofibroblasts via inactivation of nuclear factor κB signaling. Translational Research, 2015, 165, 374-386.	2.2	60
1613	Pancreatic ductal adenocarcinoma: From genetics to biology to radiobiology to oncoimmunology and all the way back to the clinic. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1855, 61-82.	3.3	46
1615	Hepatic congestion leads to fibrosis: Findings in a newly developed murine model. Hepatology, 2015, 61, 428-430.	3.6	6
1616	Functional tooth restoration by next-generation bio-hybrid implant as a bio-hybrid artificial organ replacement therapy. Scientific Reports, 2014, 4, 6044.	1.6	60
1617	Inelastic behaviour of collagen networks in cell–matrix interactions and mechanosensation. Journal of the Royal Society Interface, 2015, 12, 20141074.	1.5	69

#	Article	IF	CITATIONS
1618	Tailoring the Foreign Body Response for <i>In Situ</i> Vascular Tissue Engineering. Tissue Engineering - Part C: Methods, 2015, 21, 436-446.	1.1	26
1619	Understanding fibroblast heterogeneity in the skin. Trends in Cell Biology, 2015, 25, 92-99.	3.6	298
1620	Cell Adhesion and Movement., 2015,, 61-72.		1
1621	Tissue Engineered Oral Mucosa., 2015, , 721-731.		7
1622	Angiotensin II stimulates canonical TGF- \hat{l}^2 signaling pathway through angiotensin type 1 receptor to induce granulation tissue contraction. Journal of Molecular Medicine, 2015, 93, 289-302.	1.7	42
1623	lloprost reverses established fibrosis in experimental right ventricular failure. European Respiratory Journal, 2015, 45, 449-462.	3.1	68
1624	Cardiac fibroblasts: contributory role in septic cardiac dysfunction. Journal of Surgical Research, 2015, 193, 874-887.	0.8	37
1625	The Role of the Microenvironment in Tumor Initiation, Progression, and Metastasis., 2015,, 239-256.e5.		4
1626	\hat{I}^2 2-Adrenoceptor Activation Modulates Skin Wound Healing Processes to Reduce Scarring. Journal of Investigative Dermatology, 2015, 135, 279-288.	0.3	27
1627	Directing Valvular Interstitial Cell Myofibroblastâ€Like Differentiation in a Hybrid Hydrogel Platform. Advanced Healthcare Materials, 2015, 4, 121-130.	3.9	66
1628	Galectin-1 Accelerates Wound Healing by Regulating the Neuropilin-1/Smad3/NOX4 Pathway and ROS Production in Myofibroblasts. Journal of Investigative Dermatology, 2015, 135, 258-268.	0.3	62
1629	Stroma as an Active Player in the Development of the Tumor Microenvironment. Cancer Microenvironment, 2015, 8, 159-166.	3.1	45
1630	Proâ€healing effects of bilirubin in open excision wound model in rats. International Wound Journal, 2016, 13, 398-402.	1.3	20
1631	Intestinal Fibroblast/Myofibroblast TRP Channels in Inflammatory Bowel Disease. , 0, , .		0
1632	Targeting the myofibroblast to improve wound healing. , 2016, , 69-100.		5
1633	Profiling of Proteins and Post Translational Modifications of Channa striatus Dried Meat. Current Proteomics, 2016, 13, 9-19.	0.1	6
1634	The myofibroblast in wound healing and fibrosis: answered and unanswered questions. F1000Research, 2016, 5, 752.	0.8	209
1635	Gene Expression Profiling of Toll-Like Receptor 4 and 5 in Peripheral Blood Mononuclear Cells of Patients with Systemic Sclerosis. American Journal of Immunology, 2016, 12, 10-16.	0.1	1

#	Article	IF	CITATIONS
1636	Pirfenidone inhibits fibrosis in foreign body reaction after glaucoma drainage device implantation. Drug Design, Development and Therapy, 2016, 10, 1477.	2.0	12
1637	In vitro effect of transforming growth factor-B1 (TGF-B1) on gene expression in human flexor digitorum profundus tendon cells. , 2016, 05, .		0
1638	Cancer-associated fibroblasts in hepatocellular carcinoma. World Journal of Gastroenterology, 2016, 22, 6841.	1.4	137
1639	Manipulating the healing response. , 2016, , 101-116.		5
1640	How Biomaterials Can Influence Various Cell Types in the Repair and Regeneration of the Heart after Myocardial Infarction. Frontiers in Bioengineering and Biotechnology, 2016, 4, 62.	2.0	20
1641	In Vitro Bone Cell Models: Impact of Fluid Shear Stress on Bone Formation. Frontiers in Bioengineering and Biotechnology, 2016, 4, 87.	2.0	202
1642	Breast Cancer-Associated Fibroblasts: Where We Are and Where We Need to Go. Cancers, 2016, 8, 19.	1.7	130
1643	Negative Pressure Wound Therapy in Maxillofacial Applications. Dentistry Journal, 2016, 4, 30.	0.9	18
1644	The CLC-2 Chloride Channel Modulates ECM Synthesis, Differentiation, and Migration of Human Conjunctival Fibroblasts via the PI3K/Akt Signaling Pathway. International Journal of Molecular Sciences, 2016, 17, 910.	1.8	17
1645	The Protective Effect of Melittin on Renal Fibrosis in an Animal Model of Unilateral Ureteral Obstruction. Molecules, 2016, 21, 1137.	1.7	17
1646	Reprogramming of Normal Fibroblasts into Cancer-Associated Fibroblasts by miRNAs-Mediated CCL2/VEGFA Signaling. PLoS Genetics, 2016, 12, e1006244.	1.5	70
1647	Inhibition of Contractile Function in Human Joint Capsule Myofibroblasts by Targeting the TGF- \hat{l}^21 and PDGF Pathways. PLoS ONE, 2016, 11, e0145948.	1.1	6
1648	Governing Equations of Tissue Modelling and Remodelling: A Unified Generalised Description of Surface and Bulk Balance. PLoS ONE, 2016, 11, e0152582.	1.1	13
1649	Eosinophils in Homeostasis and Their Contrasting Roles during Inflammation and Helminth Infections. Critical Reviews in Immunology, 2016, 36, 193-238.	1.0	23
1650	Botulinum Toxin Type A Inhibits \hat{l}_{\pm} -Smooth Muscle Actin and Myosin II Expression in Fibroblasts Derived From Scar Contracture. Annals of Plastic Surgery, 2016, 77, e46-e49.	0.5	27
1651	Pentoxifylline Ameliorates Cardiac Fibrosis, Pathological Hypertrophy, and Cardiac Dysfunction in Angiotensin II-induced Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2016, 67, 76-85.	0.8	21
1652	Development of a Best Evidence Statement for the Use of Pressure Therapy for Management of Hypertrophic Scarring. Journal of Burn Care and Research, 2016, 37, 255-264.	0.2	50
1653	Efferocytosis of apoptotic human papillomavirusâ€positive cervical cancer cells by human primary fibroblasts. Biology of the Cell, 2016, 108, 189-204.	0.7	28

#	Article	IF	CITATIONS
1654	Gene expression profile in the activation of subperitoneal fibroblasts reflects prognosis of patients with colon cancer. International Journal of Cancer, 2016, 138, 1422-1431.	2.3	23
1655	3D Human Adipose-Derived Stem Cell Clusters as a Model for <i>In Vitro</i> Fibrosis. Tissue Engineering - Part C: Methods, 2016, 22, 679-690.	1.1	10
1656	Extracorporeal shock waves modulate myofibroblast differentiation of adiposeâ€derived stem cells. Wound Repair and Regeneration, 2016, 24, 275-286.	1.5	17
1657	Influence of periostin-positive cell-specific Klf5 deletion on aortic thickening in DOCA-salt hypertensive mice. Hypertension Research, 2016, 39, 764-768.	1.5	3
1658	Onâ€chip assessment of human primary cardiac fibroblasts proliferative responses to uniaxial cyclic mechanical strain. Biotechnology and Bioengineering, 2016, 113, 859-869.	1.7	50
1659	Bidirectional crosstalk via ILâ€6, PGE ₂ and PGD ₂ between murine myofibroblasts and alternatively activated macrophages enhances antiâ€inflammatory phenotype in both cells. British Journal of Pharmacology, 2016, 173, 899-912.	2.7	36
1660	Pathophysiology of gadolinium-associated systemic fibrosis. American Journal of Physiology - Renal Physiology, 2016, 311, F1-F11.	1.3	57
1661	Inflammatory fibroblasts in cancer. Archives of Pharmacal Research, 2016, 39, 1021-1031.	2.7	30
1662	Basophils Trigger Fibroblast Activation in Cardiac Allograft Fibrosis Development. American Journal of Transplantation, 2016, 16, 2574-2588.	2.6	42
1663	Risk factors for the hypertensive phase after implantation of a glaucoma drainage device. Acta Ophthalmologica, 2016, 94, e260-7.	0.6	22
1664	Anti-TNF \hat{l}_{\pm} alters the natural history of experimental Crohn's disease in rats when begun early, but not late, in disease. American Journal of Physiology - Renal Physiology, 2016, 311, G688-G698.	1.6	5
1665	Targeted killing of myofibroblasts by biosurfactant di-rhamnolipid suggests a therapy against scar formation. Scientific Reports, 2016, 6, 37553.	1.6	29
1666	Crossing Into the Next Frontier of Cardiac Extracellular Matrix Research. Circulation Research, 2016, 119, 1040-1045.	2.0	50
1667	\hat{l}^21 integrin signaling in asymmetric migration of keratinocytes under mechanical stretch in a co-cultured wound repair model. BioMedical Engineering OnLine, 2016, 15, 130.	1.3	13
1668	Anti-fibrotic action of pirfenidone in Dupuytren's disease-derived fibroblasts. BMC Musculoskeletal Disorders, 2016, 17, 469.	0.8	14
1669	Systematic review of non-surgical treatments for early Dupuytren's disease. BMC Musculoskeletal Disorders, 2016, 17, 345.	0.8	58
1670	Effects of <i>Aloe</i> Sterol Supplementation on Skin Elasticity, Hydration, and Collagen Score: A 12-Week Double-Blind, Randomized, Controlled Trial. Skin Pharmacology and Physiology, 2016, 29, 309-317.	1.1	685
1671	Engineered Nanomaterials for Infection Control and Healing Acute and Chronic Wounds. ACS Applied Materials & Description (1988)	4.0	206

#	Article	IF	CITATIONS
1672	Periostin as a multifunctional modulator of the wound healing response. Cell and Tissue Research, 2016, 365, 453-465.	1.5	87
1673	Stromal dynamic reciprocity in cancer: intricacies of fibroblastic-ECM interactions. Current Opinion in Cell Biology, 2016, 42, 80-93.	2.6	117
1674	Tumor Necrosis Factor-stimulated Gene 6 (TSG-6)-mediated Interactions with the Inter- \hat{l} ±-inhibitor Heavy Chain 5 Facilitate Tumor Growth Factor \hat{l}^2 1 (TGF \hat{l}^2 1)-dependent Fibroblast to Myofibroblast Differentiation. Journal of Biological Chemistry, 2016, 291, 13789-13801.	1.6	40
1675	Gradual conversion of cellular stress patterns into pre-stressed matrix architecture during <i>in vitro</i> tissue growth. Journal of the Royal Society Interface, 2016, 13, 20160136.	1.5	37
1676	Evidence-Based Management Guidelines on Peyronie's Disease. Journal of Sexual Medicine, 2016, 13, 905-923.	0.3	150
1677	Molecular networks underlying myofibroblast fate and fibrosis. Journal of Molecular and Cellular Cardiology, 2016, 97, 153-161.	0.9	115
1678	Mechanisms of Disease of Eosinophilic Esophagitis. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 365-393.	9.6	67
1679	Electrostatic and Hydrophobic Interactions Mediate Single-Stranded DNA Recognition and <i>Acta2</i> Repression by Purine-Rich Element-Binding Protein B. Biochemistry, 2016, 55, 2794-2805.	1.2	6
1680	NADPH oxidase 4 deficiency leads to impaired wound repair and reduced dityrosine-crosslinking, but does not affect myofibroblast formation. Free Radical Biology and Medicine, 2016, 96, 374-384.	1.3	36
1681	Targeted Ablation of Periostin-Expressing Activated Fibroblasts Prevents Adverse Cardiac Remodeling in Mice. Circulation Research, 2016, 118, 1906-1917.	2.0	196
1682	Cellular mechanisms of skin repair in humans and other mammals. Journal of Cell Communication and Signaling, 2016, 10, 103-120.	1.8	209
1683	Fibroblasts and myofibroblasts of the intestinal lamina propria in physiology and disease. Differentiation, 2016, 92, 116-131.	1.0	164
1684	Negative control of CSL gene transcription by stress/DNA damage response and p53. Cell Cycle, 2016, 15, 1767-1778.	1.3	15
1685	Imaging Extracellular Matrix Remodeling InÂVitro by Diffusion-Sensitive Optical Coherence Tomography. Biophysical Journal, 2016, 110, 1858-1868.	0.2	31
1686	Controlled Inhibition of the Mesenchymal Stromal Cell Pro-inflammatory Secretome via Microparticle Engineering. Stem Cell Reports, 2016, 6, 926-939.	2.3	26
1687	Corneal regenerative medicine. Regenerative Therapy, 2016, 5, 40-45.	1.4	20
1688	Chamber-specific differences in human cardiac fibroblast proliferation and responsiveness toward simvastatin. American Journal of Physiology - Cell Physiology, 2016, 311, C330-C339.	2.1	12
1689	Hyperbaric oxygen therapy promotes wound repair in ischemic and hyperglycemic conditions, increasing tissue perfusion and collagen deposition. Wound Repair and Regeneration, 2016, 24, 954-965.	1.5	32

#	Article	IF	CITATIONS
1690	Flagellin preconditioning enhances the efficacy of mesenchymal stem cells in an irradiation-induced proctitis model. Journal of Leukocyte Biology, 2016, 100, 569-580.	1.5	11
1691	Autophagy protects cardiomyocytes from the myocardial ischaemia-reperfusion injury through the clearance of CLP36. Open Biology, 2016, 6, 160177.	1.5	30
1692	Isabgol–silk fibroin 3D composite scaffolds as an effective dermal substitute for cutaneous wound healing in rats. RSC Advances, 2016, 6, 73617-73626.	1.7	17
1693	Cellular recruitment in myocardial ischaemia/reperfusion injury. European Journal of Clinical Investigation, 2016, 46, 590-601.	1.7	82
1694	Skin movement, wound repair and development of engineered skin. Experimental Dermatology, 2016, 25, 99-100.	1.4	14
1695	Fibroblast activation in cancer: when seed fertilizes soil. Cell and Tissue Research, 2016, 365, 607-619.	1.5	217
1696	Editorial: Wound healing and fibrosis—two sides of the same coin. Cell and Tissue Research, 2016, 365, 449-451.	1.5	8
1697	The biology and function of fibroblasts in cancer. Nature Reviews Cancer, 2016, 16, 582-598.	12.8	2,886
1698	Role of scleraxis in mechanical stretch-mediated regulation of cardiac myofibroblast phenotype. American Journal of Physiology - Cell Physiology, 2016, 311, C297-C307.	2.1	27
1699	Viscoplasticity Enables Mechanical Remodeling ofÂMatrix by Cells. Biophysical Journal, 2016, 111, 2296-2308.	0.2	144
1700	Defining the Cardiac Fibroblast. Circulation Journal, 2016, 80, 2269-2276.	0.7	201
1701	Connective Tissue Degeneration: Mechanisms of Palmar Fascia Degeneration (Dupuytren's Disease). Current Molecular Biology Reports, 2016, 2, 133-140.	0.8	10
1702	Foam-Rolling in sport and therapy – Potential benefits and risks. Sports Orthopaedics and Traumatology, 2016, 32, 258-266.	0.1	27
1703	Die BiokompatibilitĤperitonealer Adhäonsbarrieren. , 2016, , .		4
1704	Experimental systems to study the origin of the myofibroblast in peritoneal fibrosis. Kidney Research and Clinical Practice, 2016, 35, 133-141.	0.9	16
1705	Mechanisms underlying heterologous skin scaffold-mediated tissue remodeling. Scientific Reports, 2016, 6, 35074.	1.6	22
1706	Myofibroblasts and lung fibrosis induced by carbon nanotube exposure. Particle and Fibre Toxicology, 2016, 13, 60.	2.8	79
1707	Novel Strategies to Prevent, Mitigate or Reverse Radiation Injury and Fibrosis., 2016,, 75-108.		1

#	Article	IF	CITATIONS
1708	Current and Emerging Targeting Strategies for Treatment of Pancreatic Cancer. Progress in Molecular Biology and Translational Science, 2016, 144, 277-320.	0.9	9
1709	Cellular and Molecular Mechanisms of Chronic Inflammation-Associated Organ Fibrosis. , 2016, , 19-36.		2
1710	Telocytes of Fascial Structures. Advances in Experimental Medicine and Biology, 2016, 913, 403-424.	0.8	11
1711	The role of myofibroblasts in wound healing. Current Research in Translational Medicine, 2016, 64, 171-177.	1.2	207
1712	ATRA mechanically reprograms pancreatic stellate cells to suppress matrix remodelling and inhibit cancer cell invasion. Nature Communications, 2016, 7, 12630.	5 . 8	200
1713	Matrix viscoplasticity and its shielding by active mechanics in microtissue models: experiments and mathematical modeling. Scientific Reports, 2016, 6, 33919.	1.6	36
1714	Morphological features of fascia lata in relation to fascia diseases. Ultrastructural Pathology, 2016, 40, 297-310.	0.4	17
1715	Telocytes. Advances in Experimental Medicine and Biology, 2016, , .	0.8	8
1716	Vaginal Fibroblastic Cells from Women with Pelvic Organ Prolapse Produce Matrices with Increased Stiffness and Collagen Content. Scientific Reports, 2016, 6, 22971.	1.6	39
1717	Significance of alpha smooth muscle actin expression in traumatic painful neuromas: a pilot study in rats. Scientific Reports, 2016, 6, 23828.	1.6	30
1718	Significance of cancer-associated fibroblasts in head and neck squamous cell carcinoma. Journal of Japan Society of Immunology & Allergology in Otolaryngology, 2016, 34, 211-219.	0.0	0
1719	Significant contribution of TRPC6 channel-mediated Ca ²⁺ influx to the pathogenesis of Crohn's disease fibrotic stenosis. Journal of Smooth Muscle Research, 2016, 52, 78-92.	0.7	7
1720	Fibroblasts profiling in scarring trachoma identifies IL-6 as a functional component of a fibroblast-macrophage pro-fibrotic and pro-inflammatory feedback loop. Scientific Reports, 2016, 6, 28261.	1.6	27
1721	Exploring the in vivo wound healing effects of a recombinant hemolin from the caterpillar Lonomia obliqua. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2016, 22, 36.	0.8	10
1722	Objective and subjective treatment evaluation of scars using optical coherence tomography, sonography, photography, and standardised questionnaires. European Journal of Dermatology, 2016, 26, 599-608.	0.3	19
1723	Differentiation of rat dermal mesenchymal cells and calcification in three-dimensional cultures. Tissue Engineering and Regenerative Medicine, 2016, 13, 527-537.	1.6	6
1724	Biologics in wound healing: repair versus regeneration. Current Orthopaedic Practice, 2016, 27, 490-493.	0.1	1
1725	A Novel Reticular Dermal Graft Leverages Architectural and Biological Properties to Support Wound Repair. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1065.	0.3	10

#	Article	IF	CITATIONS
1726	The Use of Withaferin A to Study Intermediate Filaments. Methods in Enzymology, 2016, 568, 187-218.	0.4	21
1727	Three-Dimensional Polydopamine Functionalized Coiled Microfibrous Scaffolds Enhance Human Mesenchymal Stem Cells Colonization and Mild Myofibroblastic Differentiation. ACS Applied Materials & Lamp; Interfaces, 2016, 8, 15864-15873.	4.0	70
1728	Perivascular Cells in Diffuse Cutaneous Systemic Sclerosis Overexpress Activated ADAM12 and Are Involved in Myofibroblast Transdifferentiation and Development of Fibrosis. Journal of Rheumatology, 2016, 43, 1340-1349.	1.0	45
1729	Scarless wound healing: finding the right cells and signals. Cell and Tissue Research, 2016, 365, 483-493.	1.5	155
1730	GGsTOP increases migration of human periodontal ligament cells in vitro via reactive oxygen species pathway. Molecular Medicine Reports, 2016, 13, 3813-3820.	1.1	4
1731	Antagonists of IGF:Vitronectin Interactions Inhibit IGF-I–Induced Breast Cancer Cell Functions. Molecular Cancer Therapeutics, 2016, 15, 1602-1613.	1.9	5
1732	Nuclear Factor–Erythroid-2–Related Factor 2 in Aging and Lung Fibrosis. American Journal of Pathology, 2016, 186, 1712-1723.	1.9	51
1733	Regulation of myofibroblast differentiation by cardiac glycosides. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L815-L823.	1.3	27
1734	Interstitial fluid flow of alveolar primary septa after pneumonectomy. Journal of Theoretical Biology, 2016, 400, 118-128.	0.8	2
1735	Role of redoximiRs in fibrogenesis. Redox Biology, 2016, 7, 58-67.	3.9	36
1736	Gelam honey potentiates ex vivo corneal keratocytes proliferation with desirable phenotype expression. BMC Complementary and Alternative Medicine, 2016, 16, 76.	3.7	12
1737	The transcription factor scleraxis is a critical regulator of cardiac fibroblast phenotype. BMC Biology, 2016, 14, 21.	1.7	61
1738	Novel roles of Src in cancer cell epithelial-to-mesenchymal transition, vascular permeability, microinvasion and metastasis. Life Sciences, 2016, 157, 52-61.	2.0	115
1739	Fiber/collagen composites for ligament tissue engineering: influence of elastic moduli of sparse aligned fibers on mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2016, 104, 1894-1901.	2.1	27
1740	Kynurenine Modulates MMPâ€1 and Typeâ€l Collagen Expression Via Aryl Hydrocarbon Receptor Activation in Dermal Fibroblasts. Journal of Cellular Physiology, 2016, 231, 2749-2760.	2.0	35
1741	Vocal fold myofibroblast profile of scarring. Laryngoscope, 2016, 126, E110-7.	1.1	27
1742	Shaping PEDOT nanoparticles for use in 3D tissue phantoms. Journal of Applied Polymer Science, 2016, 133, .	1.3	2
1743	Cancer cells remodel themselves and vasculature to overcome the endothelial barrier. Cancer Letters, 2016, 380, 534-544.	3.2	52

#	Article	IF	CITATIONS
1744	Fibroblast sources: Where can we get them?. Cytotechnology, 2016, 68, 223-228.	0.7	36
1745	Estrogen receptor \hat{l}_{\pm} in cancer associated fibroblasts suppresses prostate cancer invasion via reducing CCL5, IL6 and macrophage infiltration in the tumor microenvironment. Molecular Cancer, 2016, 15, 7.	7.9	47
1746	Spontaneous Formation of Extensive Vessel-Like Structures in Murine Engineered Heart Tissue. Tissue Engineering - Part A, 2016, 22, 326-335.	1.6	19
1747	Myofibroblast persistence with real-time changes in boundary stiffness. Acta Biomaterialia, 2016, 32, 223-230.	4.1	31
1748	IL-27 attenuates the TGF- \hat{l}^21 -induced proliferation, differentiation and collagen synthesis in lung fibroblasts. Life Sciences, 2016, 146, 24-33.	2.0	28
1749	Transforming Growth Factor Beta 1 Modulates the Functional Expression of the Neurokinin-1 Receptor in Human Keratocytes. Current Eye Research, 2016, 41, 1035-1043.	0.7	7
1750	Advances in our understanding of mechanisms of venous thrombus resolution. Expert Review of Hematology, 2016, 9, 69-78.	1.0	12
1751	Temporal cardiac remodeling post-myocardial infarction: dynamics and prognostic implications in personalized medicine. Heart Failure Reviews, 2016, 21, 25-47.	1.7	18
1752	YAP/TAZ Are Mechanoregulators of TGF- \hat{l}^2 -Smad Signaling and Renal Fibrogenesis. Journal of the American Society of Nephrology: JASN, 2016, 27, 3117-3128.	3.0	316
1753	Cardiac Fibrosis. Circulation Research, 2016, 118, 1021-1040.	2.0	1,136
1754	Multi-walled nanotubes for cellular reprogramming of cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 955-963.	1.7	4
1755	Myocyte-fibroblast communication in cardiac fibrosis and arrhythmias: Mechanisms and model systems. Journal of Molecular and Cellular Cardiology, 2016, 94, 22-31.	0.9	122
1756	Hic-5 is required for myofibroblast differentiation by regulating mechanically dependent MRTF-A nuclear accumulation. Journal of Cell Science, 2016, 129, 774-87.	1.2	50
1757	Endometriotic mesenchymal stem cells significantly promote fibrogenesis in ovarian endometrioma through the Wnt \hat{I}^2 -catenin pathway by paracrine production of TGF- \hat{I}^21 and Wnt1. Human Reproduction, 2016, 31, 1224-1235.	0.4	33
1758	Intermuscular force transmission along myofascial chains: a systematic review. Journal of Anatomy, 2016, 228, 910-918.	0.9	93
1759	Matricellular Protein CCN5 Reverses Established Cardiac Fibrosis. Journal of the American College of Cardiology, 2016, 67, 1556-1568.	1.2	97
1760	Fascial hierarchies and the relevance of crossed-helical arrangements of collagen to changes in the shape of muscles. Journal of Bodywork and Movement Therapies, 2016, 20, 377-387.	0.5	11
1761	The Living Scar – Cardiac Fibroblasts and the Injured Heart. Trends in Molecular Medicine, 2016, 22, 99-114.	3.5	136

#	Article	IF	Citations
1762	Tissue constructs: platforms for basic research and drug discovery. Interface Focus, 2016, 6, 20150095.	1.5	28
1763	C-type natriuretic peptide ameliorates pulmonary fibrosis by acting on lung fibroblasts in mice. Respiratory Research, 2016, 17, 19.	1.4	31
1764	COMP-assisted collagen secretion - a novel intracellular function required for fibrosis. Journal of Cell Science, 2016, 129, 706-16.	1.2	56
1765	Tunable Microfibers Suppress Fibrotic Encapsulation via Inhibition of $TGF\hat{l}^2$ Signaling. Tissue Engineering - Part A, 2016, 22, 142-150.	1.6	6
1766	Kinesio Taping Fundamentals for the Equine Athlete. Veterinary Clinics of North America Equine Practice, 2016, 32, 103-113.	0.3	13
1767	Targeting the tumour microenvironment in ovarian cancer. European Journal of Cancer, 2016, 56, 131-143.	1.3	84
1768	Short-range cytokine gradients to mimic paracrine cell interactions in vitro. Journal of Controlled Release, 2016, 224, 59-68.	4.8	12
1769	Application of Elastography for the Noninvasive Assessment of Biomechanics in Engineered Biomaterials and Tissues. Annals of Biomedical Engineering, 2016, 44, 705-724.	1.3	27
1770	A Novel Nude Mouse Model of Hypertrophic Scarring Using Scratched Full Thickness Human Skin Grafts. Advances in Wound Care, 2016, 5, 299-313.	2.6	19
1771	The fibrosis-cell death axis in heart failure. Heart Failure Reviews, 2016, 21, 199-211.	1.7	214
1772	Wound Healing: An Orchestrated Process of Cell Cycle, Adhesion, and Signaling., 2016,, 216-222.		2
1773	Contemporary Review of Treatment Options for Peyronie's Disease. Urology, 2016, 95, 16-24.	0.5	16
1774	Elsholtzia ciliata (Thunb.) Hylander attenuates renal inflammation and interstitial fibrosis via regulation of TGF-ÄŸ and Smad3 expression on unilateral ureteral obstruction rat model. Phytomedicine, 2016, 23, 331-339.	2.3	39
1775	Static Mechanical Loading Influences the Expression of Extracellular Matrix and Cell Adhesion Proteins in Vaginal Cells Derived From Premenopausal Women With Severe Pelvic Organ Prolapse. Reproductive Sciences, 2016, 23, 978-992.	1.1	19
1776	Biostable electrospun microfibrous scaffolds mitigate hypertrophic scar contraction in an immune-competent murine model. Acta Biomaterialia, 2016, 32, 100-109.	4.1	33
1777	Pulsed electromagnetic field (PEMF) promotes collagen fibre deposition associated with increased myofibroblast population in the early healing phase of diabetic wound. Archives of Dermatological Research, 2016, 308, 21-29.	1.1	28
1778	Transcriptional control of cardiac fibroblast plasticity. Journal of Molecular and Cellular Cardiology, 2016, 91, 52-60.	0.9	114
1779	Towards comprehensive cardiac repair and regeneration after myocardial infarction: Aspects to consider and proteins to deliver. Biomaterials, 2016, 82, 94-112.	5.7	64

#	Article	IF	Citations
1780	The myofibroblast, a key cell in normal and pathological tissue repair. Cellular and Molecular Life Sciences, 2016, 73, 1145-1157.	2.4	220
1781	Matrix Remodeling in Pulmonary Fibrosis and Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 751-760.	1.4	97
1782	Role of epithelial–mesenchymal transition in proliferative vitreoretinopathy. Experimental Eye Research, 2016, 142, 26-31.	1.2	112
1783	Non-coding RNAs as modulators of the cardiac fibroblast phenotype. Journal of Molecular and Cellular Cardiology, 2016, 92, 75-81.	0.9	41
1784	A microfabricated platform with hydrogel arrays for 3D mechanical stimulation of cells. Acta Biomaterialia, 2016, 34, 113-124.	4.1	34
1785	Mechanical control of cardiac myofibroblasts. Journal of Molecular and Cellular Cardiology, 2016, 93, 133-142.	0.9	192
1786	Cellular modulation by the elasticity of biomaterials. Journal of Materials Chemistry B, 2016, 4, 9-26.	2.9	72
1787	Inflammatory and fibrotic responses of cardiac fibroblasts to myocardial damage associated molecular patterns (DAMPs). Journal of Molecular and Cellular Cardiology, 2016, 94, 189-200.	0.9	163
1788	Development and evaluation of inÂvivo tissue engineered blood vessels in a porcine model. Biomaterials, 2016, 75, 82-90.	5.7	70
1789	Reversal of the Transcriptome by Prostaglandin E ₂ during Myofibroblast Dedifferentiation. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 114-127.	1.4	59
1790	Eosinophilic Esophagitis: A Comprehensive Review. Clinical Reviews in Allergy and Immunology, 2016, 50, 159-174.	2.9	76
1791	Innate Lymphoid Cells: A Promising New Regulator in Fibrotic Diseases. International Reviews of Immunology, 2016, 35, 399-414.	1.5	14
1792	Myofibroblasts. Experimental Eye Research, 2016, 142, 56-70.	1.2	323
1793	Urinary podocalyxin, the novel biomarker for detecting early renal change in obesity. Journal of Nephrology, 2016, 29, 37-44.	0.9	15
1794	Pulsed electrical stimulation modulates fibroblasts' behaviour through the Smad signalling pathway. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1110-1121.	1.3	47
1795	Artificial extracellular matrices support cell growth and matrix synthesis of human dermal fibroblasts in macroporous 3D scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1390-1402.	1.3	13
1796	Prostaglandin E2-Dependent Phosphorylation of RAS Inhibition 1 (RIN1) at Ser 291 and 292 Inhibits Transforming Growth Factor- \hat{l}^2 -Induced RAS Activation Pathway in Human Synovial Fibroblasts: Role in Cell Migration. Journal of Cellular Physiology, 2017, 232, 202-215.	2.0	7
1797	Computational systems mechanobiology of wound healing. Computer Methods in Applied Mechanics and Engineering, 2017, 314, 46-70.	3.4	38

#	Article	IF	Citations
1798	A mathematical model for the simulation of the formation and the subsequent regression of hypertrophic scar tissue after dermal wounding. Biomechanics and Modeling in Mechanobiology, 2017, 16, 15-32.	1.4	29
1799	Growth and remodeling of load-bearing biological soft tissues. Meccanica, 2017, 52, 645-664.	1.2	119
1800	The role of miR-497-5p in myofibroblast differentiation of LR-MSCs and pulmonary fibrogenesis. Scientific Reports, 2017, 7, 40958.	1.6	38
1801	A π-π conjugation-containing soft and conductive injectable polymer hydrogel highly efficiently rebuilds cardiac function after myocardial infarction. Biomaterials, 2017, 122, 63-71.	5.7	147
1802	SIRT3 blocks myofibroblast differentiation and pulmonary fibrosis by preventing mitochondrial DNA damage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L68-L78.	1.3	70
1803	Sequential release of multiple drugs from flexible drug delivery films. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 569-576.	1.8	4
1804	The host response to naturally-derived extracellular matrix biomaterials. Seminars in Immunology, 2017, 29, 72-91.	2.7	111
1805	A primer on current progress in cardiac fibrosis. Canadian Journal of Physiology and Pharmacology, 2017, 95, 1091-1099.	0.7	22
1806	TGF- \hat{l}^2 1-miR-200a-PTEN induces epithelial \hat{a} 6 mesenchymal transition and fibrosis of pancreatic stellate cells. Molecular and Cellular Biochemistry, 2017, 431, 161-168.	1.4	36
1807	Wnt3 $\hat{l}\pm$ and transforming growth factor- \hat{l}^2 induce myofibroblast differentiation from periodontal ligament cells via different pathways. Experimental Cell Research, 2017, 353, 55-62.	1.2	12
1808	Potential importance of protease activated receptor (PAR)-1 expression in the tumor stroma of non-small-cell lung cancer. BMC Cancer, 2017, 17, 113.	1.1	10
1809	Structural environment built by AKAP12+ colon mesenchymal cells drives M2 macrophages during inflammation recovery. Scientific Reports, 2017, 7, 42723.	1.6	9
1810	Activation of Wnt/βâ€catenin signalling is required for TGFâ€Î²/Smad2/3 signalling during myofibroblast proliferation. Journal of Cellular and Molecular Medicine, 2017, 21, 1545-1554.	1.6	70
1811	Combined effect of substance P and curcumin on cutaneous wound healing in diabetic rats. Journal of Surgical Research, 2017, 212, 130-145.	0.8	37
1812	Cytokine Interferonâ $\in \hat{\mathbb{I}}^3$ suppresses the function of capsule myofibroblasts and induces cell apoptosis. Journal of Orthopaedic Research, 2017, 35, 2524-2533.	1.2	3
1813	Coordinate activities of BRD4 and CDK9 in the transcriptional elongation complex are required for TGFÎ ² -induced Nox4 expression and myofibroblast transdifferentiation. Cell Death and Disease, 2017, 8, e2606-e2606.	2.7	40
1815	Chitosan/TiO 2 composite membrane improves proliferation and survival of L929 fibroblast cells: Application in wound dressing and skin regeneration. International Journal of Biological Macromolecules, 2017, 98, 329-340.	3.6	133
1816	MCL-1 is modulated in Crohn's disease fibrosis by miR-29b via IL-6 and IL-8. Cell and Tissue Research, 2017, 368, 325-335.	1.5	39

#	Article	IF	CITATIONS
1817	Myofibroblast in the ligamentum flavum hypertrophic activity. European Spine Journal, 2017, 26, 2021-2030.	1.0	32
1818	Sox10+ adult stem cells contribute to biomaterial encapsulation and microvascularization. Scientific Reports, 2017, 7, 40295.	1.6	15
1819	Local induction of lymphangiogenesis with engineered fibrin-binding VEGF-C promotes wound healing by increasing immune cell trafficking and matrix remodeling. Biomaterials, 2017, 131, 160-175.	5.7	92
1820	Relationship among LRP1 expression, Pyk2 phosphorylation and MMPâ€9 activation in left ventricular remodelling after myocardial infarction. Journal of Cellular and Molecular Medicine, 2017, 21, 1915-1928.	1.6	12
1821	Excess Dermal Tissue Remodeling In Vivo. Plastic and Reconstructive Surgery, 2017, 139, 415e-424e.	0.7	0
1822	Spatiotemporal Evolution of the Wound Repairing Process in a 3D Human Dermis Equivalent. Advanced Healthcare Materials, 2017, 6, 1601422.	3.9	14
1823	The Effect of Microporous Polysaccharide Hemospheres on Wound Healing and Scarring in Wild-Type and db/db Mice. Advances in Skin and Wound Care, 2017, 30, 169-180.	0.5	5
1824	Impact of senescenceâ€associated secretory phenotype and its potential as a therapeutic target for senescenceâ€associated diseases. Cancer Science, 2017, 108, 563-569.	1.7	236
1825	Engineered 3D Cardiac Fibrotic Tissue to Study Fibrotic Remodeling. Advanced Healthcare Materials, 2017, 6, 1601434.	3.9	85
1826	Sialylation regulates myofibroblast differentiation of human skin fibroblasts. Stem Cell Research and Therapy, 2017, 8, 81.	2.4	25
1827	Nanoparticles for modulating tumor microenvironment to improve drug delivery and tumor therapy. Pharmacological Research, 2017, 126, 97-108.	3.1	181
1828	Stromal PDGFR-α Activation Enhances Matrix Stiffness, Impedes Mammary Ductal Development, and Accelerates Tumor Growth. Neoplasia, 2017, 19, 496-508.	2.3	50
1829	Artocarpinâ€enriched (<i>Artocarpus altilis</i>) Heartwood Extract Provides Protection Against <scp>UVB</scp> â€induced Mechanical Damage in Dermal Fibroblasts. Photochemistry and Photobiology, 2017, 93, 1232-1239.	1.3	5
1830	Expression pattern of cancer-associated fibroblast and its clinical relevance in intrahepatic cholangiocarcinoma. Human Pathology, 2017, 65, 92-100.	1.1	43
1832	Mechanical regulation of cardiac fibroblast profibrotic phenotypes. Molecular Biology of the Cell, 2017, 28, 1871-1882.	0.9	160
1833	Alveolar septal patterning during compensatory lung growth: Part II the effect of parenchymal pressure gradients. Journal of Theoretical Biology, 2017, 421, 168-178.	0.8	2
1834	MSCs on an acellular dermal matrix (ADM) sourced from neonatal mouse skin regulate collagen reconstruction of granulation tissue during adult cutaneous wound healing. RSC Advances, 2017, 7, 22998-23010.	1.7	6
1835	Pancreatic cancer: a mechanobiology approach. Convergent Science Physical Oncology, 2017, 3, 013001.	2.6	7

#	Article	IF	CITATIONS
1836	Pathophysiological roles of canstatin on myofibroblasts after myocardial infarction in rats. European Journal of Pharmacology, 2017, 807, 32-43.	1.7	19
1837	Antifibrotic effects of cyclosporine A on TGFâ€Î²1–treated lung fibroblasts and lungs from bleomycinâ€treated mice: role of hypoxiaâ€inducible factorâ€1α. FASEB Journal, 2017, 31, 3359-3371.	0.2	30
1838	Interleukin (<scp>IL</scp>)â€6 modulates transforming growth factorâ€Î² receptor I and <scp>II</scp> (<scp>TGF</scp> â€Î² <scp>RI</scp> and <scp>II</scp>) function in epidermal keratinocytes. Experimental Dermatology, 2017, 26, 697-704.	1.4	13
1839	The Immune Response to Implanted Materials and Devices. , 2017, , .		17
1840	Endothelial cellâ€derived endothelinâ€1 is involved in abnormal scar formation by dermal fibroblasts through RhoA/Rhoâ€kinase pathway. Experimental Dermatology, 2017, 26, 705-712.	1.4	26
1841	Focal Adhesion Kinase: The Reversible Molecular Mechanosensor. Biophysical Journal, 2017, 112, 2439-2450.	0.2	35
1842	Contribution of <scp>CARD</scp> 9â€mediated signalling to wound healing in skin. Experimental Dermatology, 2017, 26, 1097-1104.	1.4	10
1843	Biophysical Regulation of Cell Behavior—Cross Talk between Substrate Stiffness and Nanotopography. Engineering, 2017, 3, 36-54.	3.2	193
1844	Diabetic wound regeneration using heparin-mimetic peptide amphiphile gel in db/db mice. Biomaterials Science, 2017, 5, 1293-1303.	2.6	27
1845	Tumor-Associated Macrophages Promote Malignant Progression of Breast Phyllodes Tumors by Inducing Myofibroblast Differentiation. Cancer Research, 2017, 77, 3605-3618.	0.4	44
1846	MFG-E8 Reprogramming of Macrophages Promotes Wound Healing by Increased bFGF Production and Fibroblast Functions. Journal of Investigative Dermatology, 2017, 137, 2005-2013.	0.3	51
1847	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
1848	Investigation on the Cutaneous Change Induced by Face-Lifting Monodirectional Barbed Polydioxanone Thread. Dermatologic Surgery, 2017, 43, 74-80.	0.4	56
1849	Mir-155 is overexpressed in systemic sclerosis fibroblasts and is required for NLRP3 inflammasome-mediated collagen synthesis during fibrosis. Arthritis Research and Therapy, 2017, 19, 144.	1.6	106
1850	Long-term imaging of cellular forces with high precision by elastic resonator interference stress microscopy. Nature Cell Biology, 2017, 19, 864-872.	4.6	61
1851	Fibroblast fate regulation by time dependent TGF- \hat{l}^21 and IL-10 stimulation in biomimetic 3D matrices. Biomaterials Science, 2017, 5, 1858-1867.	2.6	51
1852	The Satellite Cell Niche in Skeletal Muscle. , 2017, , 145-166.		2
1853	Patterns of production of collagenâ€rich deposits in peripheral nerves in response to injury: A pilot study in a rabbit model. Brain and Behavior, 2017, 7, e00659.	1.0	7

#	Article	IF	CITATIONS
1854	Anti-fibrogenic effect of PPAR- \hat{l}^3 agonists in human intestinal myofibroblasts. BMC Gastroenterology, 2017, 17, 73.	0.8	20
1855	Indolent growth of low-grade myofibroblastic sarcoma of the cheek mimics benign lesions: A case report and literature review. Oncology Letters, 2017, 13, 4307-4314.	0.8	19
1856	Characterization of Dental Pulp Myofibroblasts in Rat Molars after Pulpotomy. Journal of Endodontics, 2017, 43, 1116-1121.	1.4	12
1857	Model of vascular desmoplastic multispecies tumor growth. Journal of Theoretical Biology, 2017, 430, 245-282.	0.8	13
1858	Combinatorial screening of 3D biomaterial properties that promote myofibrogenesis for mesenchymal stromal cell-based heart valve tissue engineering. Acta Biomaterialia, 2017, 58, 34-43.	4.1	24
1859	A cytoskeletal clutch mediates cellular force transmission in a soft, three-dimensional extracellular matrix. Molecular Biology of the Cell, 2017, 28, 1959-1974.	0.9	63
1860	Molecular targets of dietary phytochemicals for possible prevention and therapy of uterine fibroids: Focus on fibrosis. Critical Reviews in Food Science and Nutrition, 2017, 57, 3583-3600.	5.4	17
1861	Local delivery of novel MRTF/SRF inhibitors prevents scar tissue formation in a preclinical model of fibrosis. Scientific Reports, 2017, 7, 518.	1.6	52
1862	Do IL-3/GM-CSF effect on the myofibroblastic differentiation of human adipose derived stromal cells?. Experimental Cell Research, 2017, 355, 67-82.	1.2	2
1863	Transforming growth factor \hat{l}^21 (TGF \hat{l}^21) regulates CD44V6 expression and activity through extracellular signal-regulated kinase (ERK)-induced EGR1 in pulmonary fibrogenic fibroblasts. Journal of Biological Chemistry, 2017, 292, 10465-10489.	1.6	42
1864	Transforming growth factor \hat{l}^21 (TGF \hat{l}^21)-induced CD44V6-NOX4 signaling in pathogenesis of idiopathic pulmonary fibrosis. Journal of Biological Chemistry, 2017, 292, 10490-10519.	1.6	68
1865	Focal adhesion kinase signaling determines the fate of lung epithelial cells in response to TGF- \hat{l}^2 . American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L926-L935.	1.3	22
1866	The Biology of Stricture Formation After Esophageal Atresia Repair. , 2017, , 441-447.		0
1867	ROCK/actin/MRTF signaling promotes the fibrogenic phenotype of fibroblast-like synoviocytes derived from the temporomandibular joint. International Journal of Molecular Medicine, 2017, 39, 799-808.	1.8	12
1868	The Biomechanical Environment and Impact on Tissue Fibrosis. , 2017, , 169-188.		1
1869	Provisional matrix: A role for versican and hyaluronan. Matrix Biology, 2017, 60-61, 38-56.	1.5	164
1870	Factor Xa Signaling Contributes to the Pathogenesis of Inflammatory Diseases. Journal of Cellular Physiology, 2017, 232, 1966-1970.	2.0	15
1871	Protein Nanocage Mediated Fibroblast-Activation Protein Targeted Photoimmunotherapy To Enhance Cytotoxic T Cell Infiltration and Tumor Control. Nano Letters, 2017, 17, 862-869.	4.5	167

#	Article	IF	CITATIONS
1872	Inhibition of TRPC6 channels ameliorates renalÂfibrosis and contributes to renal protectionÂbyÂsoluble klotho. Kidney International, 2017, 91, 830-841.	2.6	84
1873	Myofibroblast repair mechanisms post-inflammatory response: a fibrotic perspective. Inflammation Research, 2017, 66, 451-465.	1.6	59
1874	Skin Wound Healing: An Update on the Current Knowledge and Concepts. European Surgical Research, 2017, 58, 81-94.	0.6	743
1875	Hypoxia drives the transition of human dermal fibroblasts to a myofibroblast-like phenotype via the TGF- \hat{l}^2 1/Smad3 pathway. International Journal of Molecular Medicine, 2017, 39, 153-159.	1.8	68
1876	Highly suggestive preliminary evidence that the renal interstitium contracts inÂvivo. Physiological Reports, 2017, 5, e13328.	0.7	4
1877	Effects of dynamic changes in histone acetylation and deacetylase activity on pulmonary fibrosis. International Immunopharmacology, 2017, 52, 272-280.	1.7	40
1878	Determination of extracellular matrix collagen fibril architectures and pathological remodeling by polarization dependent second harmonic microscopy. Scientific Reports, 2017, 7, 12197.	1.6	43
1879	LepR+ cells dispute hegemony with Gli1+ cells in bone marrow fibrosis. Cell Cycle, 2017, 16, 2018-2022.	1.3	29
1880	Study on the role of Hsa-miR-31-5p in hypertrophic scar formation and the mechanism. Experimental Cell Research, 2017, 361, 201-209.	1.2	34
1881	Survival Rate of Revascularization and Replantation ofÂDigits with Vein Graft Versus Direct Arterial Anastomosis. Journal of Hand Surgery, 2017, 42, S41-S42.	0.7	0
1882	Involvement of Thrombin and Osteopontin in the Pathophysiology of Dupuytren's Contracture. Journal of Hand Surgery, 2017, 42, S42.	0.7	0
1883	Postoperative Changes in Isolated Medial Orbital Wall Fractures Based on Computed Tomography. Journal of Craniofacial Surgery, 2017, 28, 2038-2041.	0.3	9
1884	The role of halofuginone in fibrosis: more to be explored?. Journal of Leukocyte Biology, 2017, 102, 1333-1345.	1.5	29
1885	Effects of dynamic matrix remodelling on <i>en masse</i> migration of fibroblasts on collagen matrices. Journal of the Royal Society Interface, 2017, 14, 20170287.	1.5	20
1886	Tissue Force Programs Cell Fate and Tumor Aggression. Cancer Discovery, 2017, 7, 1224-1237.	7.7	181
1887	Exosomes secreted by human adipose mesenchymal stem cells promote scarless cutaneous repair by regulating extracellular matrix remodelling. Scientific Reports, 2017, 7, 13321.	1.6	220
1888	Epithelial contribution to the profibrotic stiff microenvironment and myofibroblast population in lung fibrosis. Molecular Biology of the Cell, 2017, 28, 3741-3755.	0.9	33
1889	Cell-Populated Collagen Lattice Models. Methods in Molecular Biology, 2017, 1627, 223-233.	0.4	6

#	Article	IF	Citations
1890	MiR-541-5p regulates lung fibrosis by targeting cyclic nucleotide phosphodiesterase 1A. Experimental Lung Research, 2017, 43, 249-258.	0.5	17
1891	Naringenin attenuates fibroblast activation and inflammatory response in a mechanical stretch-induced hypertrophic scar mouse model. Molecular Medicine Reports, 2017, 16, 4643-4649.	1.1	23
1892	Inhibitory effects of oxymatrine on TGF- \hat{l}^2l -induced proliferation and abnormal differentiation in rat cardiac fibroblasts via the p38MAPK and ERK1/2 signaling pathways. Molecular Medicine Reports, 2017, 16, 5354-5362.	1.1	25
1893	5-Aza-2′-deoxycytidine induces human Tenon's capsule fibroblasts differentiation and fibrosis by up-regulating TGF-β type I receptor. Experimental Eye Research, 2017, 165, 47-58.	1.2	12
1894	Accelerated Healing of Diabetic Wounds Treated with L-Glutamic acid Loaded Hydrogels Through Enhanced Collagen Deposition and Angiogenesis: An In Vivo Study. Scientific Reports, 2017, 7, 10701.	1.6	81
1895	Global fibroblast activation throughout the left ventricle but localized fibrosis after myocardial infarction. Scientific Reports, 2017, 7, 10801.	1.6	59
1896	PDGF-BB enhances collagen gel contraction through a PI3K-PLCÎ ³ -PKC-cofilin pathway. Scientific Reports, 2017, 7, 8924.	1.6	24
1897	Drug targeting to myofibroblasts: Implications for fibrosis and cancer. Advanced Drug Delivery Reviews, 2017, 121, 101-116.	6.6	121
1898	Generation and analysis of spheroids from human primary skin myofibroblasts: an experimental system to study myofibroblasts deactivation. Cell Death Discovery, 2017, 3, 17038.	2.0	29
1899	Evaluation of dermal wound healing activity of synthetic peptide SVVYGLR. Biochemical and Biophysical Research Communications, 2017, 491, 714-720.	1.0	11
1900	Anterior gradient 2 is induced in cutaneous wound and promotes wound healing through its adhesion domain. FEBS Journal, 2017, 284, 2856-2869.	2.2	24
1901	Precise and Arbitrary Deposition of Biomolecules onto Biomimetic Fibrous Matrices for Spatially Controlled Cell Distribution and Functions. Advanced Materials, 2017, 29, 1701154.	11.1	24
1902	Overexpression of ALK5 Induces Human Tenon's Capsule Fibroblasts Transdifferentiation and Fibrosis In Vitro. Current Eye Research, 2017, 42, 1018-1028.	0.7	8
1903	Mimicking Paracrine TGF \hat{l}^21 Signals during Myofibroblast Differentiation in 3D Collagen Networks. Scientific Reports, 2017, 7, 5664.	1.6	21
1904	Mechanical response of collagen networks to nonuniform microscale loads. Soft Matter, 2017, 13, 5749-5758.	1.2	29
1905	Interaction of prostate carcinoma-associated fibroblasts with human epithelial cell lines in vivo. Differentiation, 2017, 96, 40-48.	1.0	21
1906	A model for one-dimensional morphoelasticity and its application to fibroblast-populated collagen lattices. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1743-1763.	1.4	5
1907	Patient-specific stress analyses in the ascending thoracic aorta using a finite-element implementation of the constrained mixture theory. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1765-1777.	1.4	36

#	Article	IF	CITATIONS
1908	Myofibroblast transdifferentiation: The dark force in ocular wound healing and fibrosis. Progress in Retinal and Eye Research, 2017, 60, 44-65.	7.3	246
1909	Spatiotemporal hydrogel biomaterials for regenerative medicine. Chemical Society Reviews, 2017, 46, 6532-6552.	18.7	317
1910	Safety Evaluation of Ocular Drugs. , 2017, , 757-811.		14
1911	î²-Adrenergic Blockade in Ischemia-Reperfusion Injury. Journal of the American College of Cardiology, 2017, 70, 972-974.	1.2	1
1912	Inhibition of FKBP10 Attenuates Hypertrophic Scarring through Suppressing Fibroblast Activity and Extracellular MatrixÂDeposition. Journal of Investigative Dermatology, 2017, 137, 2326-2335.	0.3	27
1913	Spine-on-a-chip: Human annulus fibrosus degeneration model for simulating the severity of intervertebral disc degeneration. Biomicrofluidics, 2017, 11, 064107.	1.2	14
1914	The methyltransferase SET9 regulates TGF B-1 activation of renal fibroblasts via interaction with SMAD3. Journal of Cell Science, $2018,131,.$	1.2	18
1917	PDGFR Signaling Mediates Hyperproliferation and Fibrotic Responses of Subsynovial Connective Tissue Cells in Idiopathic Carpal Tunnel Syndrome. Scientific Reports, 2017, 7, 16192.	1.6	17
1918	Preventive, Cumulative Effects of Botulinum Toxin Type A in Facial Aesthetics. Dermatologic Surgery, 2017, 43, S244-S251.	0.4	7
1919	Nicorandil regulates the macrophage skewing and ameliorates myofibroblasts by inhibition of RhoA/Rhoâ€kinase signalling in infarcted rats. Journal of Cellular and Molecular Medicine, 2018, 22, 1056-1069.	1.6	19
1920	Mechanobiology of collective cell behaviours. Nature Reviews Molecular Cell Biology, 2017, 18, 743-757.	16.1	518
1921	Hydroalcoholic extract from Lepidium meyenii (Black Maca) root exerts wound healing activity in Streptozotocin-induced diabetic rats. Wound Medicine, 2017, 19, 75-81.	2.7	5
1922	Autophagy activation is required for myofibroblast differentiation during healing of oral mucosa. Journal of Clinical Periodontology, 2017, 44, 1039-1050.	2.3	36
1923	MicroRNA-30a Regulation of Epithelial-Mesenchymal Transition in Diabetic Cataracts Through Targeting SNAI1. Scientific Reports, 2017, 7, 1117.	1.6	39
1924	LR8 expression in fibroblasts of healthy and fibrotic human tissues. Biochemistry and Biophysics Reports, 2017, 10, 165-171.	0.7	4
1925	Vascular disease-causing mutation, smooth muscle α-actin R258C, dominantly suppresses functions of α-actin in human patient fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5569-E5578.	3.3	10
1926	Osteopontin enhances multi-walled carbon nanotube-triggered lung fibrosis by promoting TGF- \hat{l}^21 activation and myofibroblast differentiation. Particle and Fibre Toxicology, 2017, 14, 18.	2.8	78
1927	Bioinspired Hydrogels to Engineer Cancer Microenvironments. Annual Review of Biomedical Engineering, 2017, 19, 109-133.	5.7	58

#	ARTICLE	IF	Citations
1928	Cleavage of the urokinase receptor (uPAR) on oral cancer cells: regulation by transforming growth factor $\hat{a} \in \hat{l}^2 1$ (TGF- $\hat{l}^2 1$) and potential effects on migration and invasion. BMC Cancer, 2017, 17, 350.	1.1	25
1929	The morphological regeneration and functional restoration of bladder defects by a novel scaffold and adipose-derived stem cells in a rat augmentation model. Stem Cell Research and Therapy, 2017, 8, 149.	2.4	16
1930	Interleukin-6 induced activation of a non-selective outward cation conductance in human cardiac fibroblasts. Cytokine, 2017, 97, 117-122.	1.4	5
1931	MicroRNA-21 preserves the fibrotic mechanical memory of mesenchymal stem cells. Nature Materials, 2017, 16, 379-389.	13.3	234
1932	A mathematical model for the simulation of the contraction of burns. Journal of Mathematical Biology, 2017, 75, 1-31.	0.8	8
1933	The role of α-smooth muscle actin in fibroblast-mediated matrix contraction and remodeling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 298-309.	1.8	328
1934	Mechanisms of Vascular Disease. , 2017, , 221-244.		1
1935	TIMP1 promotes multi-walled carbon nanotube-induced lung fibrosis by stimulating fibroblast activation and proliferation. Nanotoxicology, 2017, 11, 41-51.	1.6	51
1936	Cellular source and proinflammatory roles of high-mobility group box 1 in surgically injured rat vocal folds. Laryngoscope, 2017, 127, E193-E200.	1.1	9
1937	Zinc Oxide Nanorodâ€Based Piezoelectric Dermal Patch for Wound Healing. Advanced Functional Materials, 2017, 27, 1603497.	7.8	132
1938	Stromal PTEN inhibits the expansion of mammary epithelial stem cells through Jagged-1. Oncogene, 2017, 36, 2297-2308.	2.6	23
1939	Cyclic muscle twitch contraction inhibits immobilization-induced muscle contracture and fibrosis in rats. Connective Tissue Research, 2017, 58, 487-495.	1.1	21
1940	Humoral innate immunity at the crossroad between microbe and matrix recognition: The role of PTX3 in tissue damage. Seminars in Cell and Developmental Biology, 2017, 61, 31-40.	2.3	24
1941	Effect of myofascial induction therapy on post-c-section scars, more than one and a half years old. Pilot study. Journal of Bodywork and Movement Therapies, 2017, 21, 197-204.	0.5	18
1942	Influence of the anti-inflammatory cytokine interleukin-4 on human joint capsule myofibroblasts. Journal of Orthopaedic Research, 2017, 35, 1290-1298.	1.2	5
1943	Contextual Control of Adipose-Derived Stem Cell Function: Implications for Engineered Tumor Models. ACS Biomaterials Science and Engineering, 2017, 3, 1483-1493.	2.6	7
1944	<i>·î÷(i·)5<i·)î²< (<scp="" inhibitor="" i·)1â€integrin="">CLTâ€28643) effective in rabbit trabeculectomy model. Acta Ophthalmologica, 2017, 95, e1-e9.</i·)î²<></i>	0.6	6
1945	Cellular adaptation to biomechanical stress across length scales in tissue homeostasis and disease. Seminars in Cell and Developmental Biology, 2017, 67, 141-152.	2.3	43

#	ARTICLE	IF	CITATIONS
1946	Multifaceted role of hair follicle dermal cells in bioengineered skins. British Journal of Dermatology, 2017, 176, 1259-1269.	1.4	31
1947	Steroid-induced ocular hypertension/glaucoma: Focus on pharmacogenomics and implications for precision medicine. Progress in Retinal and Eye Research, 2017, 56, 58-83.	7.3	103
1948	Biomaterial microarchitecture: a potent regulator of individual cell behavior and multicellular organization. Journal of Biomedical Materials Research - Part A, 2017, 105, 640-661.	2.1	53
1949	Cancerâ€associated fibroblasts are an infrequent finding in the microenvironment of proliferative verrucous leukoplakiaâ€associated squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2017, 46, 353-358.	1.4	13
1950	Epigenetics in fibrosis. Molecular Aspects of Medicine, 2017, 54, 89-102.	2.7	52
1951	The Extracellular Matrix in Dupuytren Disease. , 2017, , 43-54.		O
1952	Mounting of Biomaterials for Use in Ophthalmic Cell Therapies. Cell Transplantation, 2017, 26, 1717-1732.	1.2	9
1953	Induction of Immune Surveillance of the Dysmorphogenic Lens. Scientific Reports, 2017, 7, 16235.	1.6	23
1954	Role of miR-24, Furin, and Transforming Growth Factor- \hat{l}^21 Signal Pathway in Fibrosis After Cardiac Infarction. Medical Science Monitor, 2017, 23, 65-70.	0.5	24
1955	The angiotensin receptor blocker, Losartan, inhibits mammary tumor development and progression to invasive carcinoma. Oncotarget, 2017, 8, 18640-18656.	0.8	66
1956	Implications of Substrate Topographic Surface on Tissue Engineering. , 2017, , 287-313.		1
1957	Hydroxysafflor Yellow A Suppresses MRC-5 Cell Activation Induced by TGF-Î ² 1 by Blocking TGF-Î ² 1 Binding to TÎ ² RII. Frontiers in Pharmacology, 2017, 8, 264.	1.6	24
1958	Sphingosine 1-Phosphate Receptors: Do They Have a Therapeutic Potential in Cardiac Fibrosis?. Frontiers in Pharmacology, 2017, 8, 296.	1.6	36
1959	Stimulation of Adenosine A2B Receptor Inhibits Endothelin-1-Induced Cardiac Fibroblast Proliferation and α-Smooth Muscle Actin Synthesis Through the cAMP/Epac/PI3K/Akt-Signaling Pathway. Frontiers in Pharmacology, 2017, 8, 428.	1.6	50
1960	Anti-fibrotic Potential of AT2 Receptor Agonists. Frontiers in Pharmacology, 2017, 8, 564.	1.6	58
1961	Andrographolide Protects against Aortic Banding-Induced Experimental Cardiac Hypertrophy by Inhibiting MAPKs Signaling. Frontiers in Pharmacology, 2017, 8, 808.	1.6	26
1962	Combination therapy with butyrate and docosahexaenoic acid for keloid fibrogenesis: an in vitro study. Anais Brasileiros De Dermatologia, 2017, 92, 184-190.	0.5	14
1963	Reactive Oxygen Species and NOX Enzymes Are Emerging as Key Players in Cutaneous Wound Repair. International Journal of Molecular Sciences, 2017, 18, 2149.	1.8	88

#	Article	IF	Citations
1964	TGF- \hat{l}^2 -Induced Endothelial-Mesenchymal Transition in Fibrotic Diseases. International Journal of Molecular Sciences, 2017, 18, 2157.	1.8	249
1965	Collateral Damage Intendedâ€"Cancer-Associated Fibroblasts and Vasculature Are Potential Targets in Cancer Therapy. International Journal of Molecular Sciences, 2017, 18, 2355.	1.8	30
1966	The Soft- and Hard-Heartedness of Cardiac Fibroblasts: Mechanotransduction Signaling Pathways in Fibrosis of the Heart. Journal of Clinical Medicine, 2017, 6, 53.	1.0	128
1967	Attenuation of Bleomycin-Induced Pulmonary Fibrosis in Rats with S-Allyl Cysteine. Molecules, 2017, 22, 543.	1.7	13
1968	Tumour-derived exosomes as a signature of pancreatic cancer - liquid biopsies as indicators of tumour progression. Oncotarget, 2017, 8, 17279-17291.	0.8	74
1970	Wound-Healing Studies in Cornea and Skin: Parallels, Differences and Opportunities. International Journal of Molecular Sciences, 2017, 18, 1257.	1.8	127
1971	Engineering Niches for Skin and Wound Healing., 2017,, 559-579.		2
1972	The Implication of Substance P in the Development of Tendinopathy: A Case Control Study. International Journal of Molecular Sciences, 2017, 18, 1241.	1.8	13
1973	Mechanotransduction Mechanisms in Mitral Valve Physiology and Disease Pathogenesis. Frontiers in Cardiovascular Medicine, 2017, 4, 83.	1.1	18
1974	Basics of Radiation Biology When Treating Hyperproliferative Benign Diseases. Frontiers in Immunology, 2017, 8, 519.	2.2	26
1975	Pathophysiological Mechanisms in Sclerosing Skin Diseases. Frontiers in Medicine, 2017, 4, 120.	1.2	8
1976	Magnetic Resonance Elastography Shear Wave Velocity Correlates with Liver Fibrosis and Hepatic Venous Pressure Gradient in Adults with Advanced Liver Disease. BioMed Research International, 2017, 2017, 1-8.	0.9	29
1977	Histopathologic and immunohistochemical features of capsular tissue around failed Ahmed glaucoma valves. PLoS ONE, 2017, 12, e0187506.	1.1	8
1978	Mechanically tuned 3 dimensional hydrogels support human mammary fibroblast growth and viability. BMC Cell Biology, 2017, 18, 35.	3.0	10
1979	Skeletal muscle mechanics, energetics and plasticity. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 108.	2.4	99
1980	The extracellular matrix in myocardial injury, repair, and remodeling. Journal of Clinical Investigation, 2017, 127, 1600-1612.	3.9	362
1981	Bone Marrow and Adipose Tissue Derived Mesenchymal Stem Cells in Regeneration of Cleft Lip and Alveolus: A Review of Literature. Journal of Oral Hygiene & Health, 2017, 05, .	0.2	2
1982	Reducing Cardiac Fibrosis: Na/K-ATPase Signaling Complex as a Novel Target. Cardiovascular Pharmacology: Open Access, 2017, 06, .	0.1	7

#	Article	IF	CITATIONS
1983	Thermodynamic Aspects and Reprogramming Cellular Energy Metabolism during the Fibrosis Process. International Journal of Molecular Sciences, 2017, 18, 2537.	1.8	44
1984	Interactions between TGF- \hat{l}^21 , canonical WNT/ \hat{l}^2 -catenin pathway and PPAR \hat{l}^3 in radiation-induced fibrosis. Oncotarget, 2017, 8, 90579-90604.	0.8	146
1985	Constitutive Formulations for Soft Tissue Growth and Remodeling., 2017,, 79-100.		1
1986	Microenvironmental regulation of the progression of oral potentially malignant disorders towards malignancy. Oncotarget, 2017, 8, 81617-81635.	0.8	17
1987	Hyperelastic Models for Contractile Tissues. , 2017, , 31-58.		0
1988	Targeting the microenvironment in solid tumors. Cancer Treatment Reviews, 2018, 65, 22-32.	3.4	342
1989	Production-scale fibronectin nanofibers promote wound closure and tissue repair in a dermal mouse model. Biomaterials, 2018, 166, 96-108.	5.7	72
1990	Treating cardiovascular complications of radiotherapy: a role for new pharmacotherapies. Expert Opinion on Pharmacotherapy, 2018, 19, 431-442.	0.9	15
1991	TGFβ1â€induced expression of caldesmon mediates epithelial–mesenchymal transition. Cytoskeleton, 2018, 75, 201-212.	1.0	10
1992	New developments on skin fibrosis - Essential signals emanating from the extracellular matrix for the control of myofibroblasts. Matrix Biology, 2018, 68-69, 522-532.	1.5	67
1993	The multifaceted roles of perlecan in fibrosis. Matrix Biology, 2018, 68-69, 150-166.	1.5	40
1994	Role of myofibroblasts in normal and pathological periodontal wound healing. Oral Diseases, 2018, 24, 26-29.	1.5	9
1996	Pirfenidone reduces profibrotic responses in human dermal myofibroblasts, in vitro. Laboratory Investigation, 2018, 98, 640-655.	1.7	33
1997	Progesterone attenuates airway remodeling and glucocorticoid resistance in a murine model of exposing to ozone. Molecular Immunology, 2018, 96, 69-77.	1.0	19
1998	Acute Hyperthermia Inhibits TGF- \hat{l}^21 -induced Cardiac Fibroblast Activation via Suppression of Akt Signaling. Scientific Reports, 2018, 8, 6277.	1.6	21
1999	MicroRNA-223 Regulates Cardiac Fibrosis After Myocardial Infarction by Targeting RASA1. Cellular Physiology and Biochemistry, 2018, 46, 1439-1454.	1.1	98
2000	Tannic acid modulates fibroblast proliferation and differentiation in response to proâ€fibrotic stimuli. Journal of Cellular Biochemistry, 2018, 119, 6732-6742.	1.2	19
2001	Isoflurane post-conditioning influences myocardial infarct healing in rats. Biotechnic and Histochemistry, 2018, 93, 354-363.	0.7	4

#	ARTICLE	IF	CITATIONS
2002	Inhibiting Fibronectin Attenuates Fibrosis and Improves Cardiac Function in a Model of Heart Failure. Circulation, 2018, 138, 1236-1252.	1.6	185
2003	Effect of skin graft thickness on scar development in a porcine burn model. Burns, 2018, 44, 917-930.	1.1	33
2004	Impact of the clinical use of ROCK inhibitor on the pathogenesis and treatment of glaucoma. Japanese Journal of Ophthalmology, 2018, 62, 109-126.	0.9	65
2005	The TGFβ superfamily in cardiac dysfunction. Acta Biochimica Et Biophysica Sinica, 2018, 50, 323-335.	0.9	14
2006	Spatial and Single-Cell Transcriptional Profiling Identifies Functionally Distinct Human Dermal Fibroblast Subpopulations. Journal of Investigative Dermatology, 2018, 138, 811-825.	0.3	306
2007	Mechanisms of Plastic Deformation in Collagen Networks Induced by Cellular Forces. Biophysical Journal, 2018, 114, 450-461.	0.2	108
2008	Dermal fibroblasts—A heterogeneous population with regulatory function in wound healing. Cytokine and Growth Factor Reviews, 2018, 39, 137-150.	3.2	149
2009	The big five in fibrosis: Macrophages, myofibroblasts, matrix, mechanics, and miscommunication. Matrix Biology, 2018, 68-69, 81-93.	1.5	281
2010	BH3 mimetics as anti-fibrotic therapy: Unleashing the mitochondrial pathway of apoptosis in myofibroblasts. Matrix Biology, 2018, 68-69, 94-105.	1.5	30
2011	CD44v6 increases gastric cancer malignant phenotype by modulating adipose stromal cell-mediated ECM remodeling. Integrative Biology (United Kingdom), 2018, 10, 145-158.	0.6	20
2012	Matrix Stiffness: the Conductor of Organ Fibrosis. Current Rheumatology Reports, 2018, 20, 2.	2.1	127
2013	Sprouting angiogenesis induces significant mechanical heterogeneities and ECM stiffening across length scales in fibrin hydrogels. Biomaterials, 2018, 162, 99-108.	5.7	49
2014	The ED-A domain enhances the capacity of fibronectin to store latent TGF- \hat{l}^2 binding protein-1 in the fibroblast matrix. Journal of Cell Science, 2018, 131, .	1.2	107
2015	Extracellular matrix directs phenotypic heterogeneity of activated fibroblasts. Matrix Biology, 2018, 67, 90-106.	1.5	146
2016	Effects of protein-coated nanofibers on conformation of gingival fibroblast spheroids: potential utility for connective tissue regeneration. Biomedical Materials (Bristol), 2018, 13, 025006.	1.7	9
2017	Pathophysiology of Eosinophilic Esophagitis. Clinical Reviews in Allergy and Immunology, 2018, 55, 19-42.	2.9	36
2018	Dermal fibroblast-to-myofibroblast transition sustained by $\hat{l}\pm\nu\tilde{A}\ddot{\forall}3$ integrin-ILK-Snail1/Slug signaling is a common feature for hypermobile Ehlers-Danlos syndrome and hypermobility spectrum disorders. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1010-1023.	1.8	34
2019	Needle biopsyâ€derived myofascial tissue samples are sufficient for quantification of myofibroblast density. Clinical Anatomy, 2018, 31, 368-372.	1.5	9

#	ARTICLE	IF	CITATIONS
2020	Scarless wound healing: Transitioning from fetal research to regenerative healing. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e309.	5.9	91
2021	Regulation of fibrotic changes by the synergistic effects of cytokines, dimensionality and matrix: Towards the development of an in vitro human dermal hypertrophic scar model. Acta Biomaterialia, 2018, 69, 131-145.	4.1	32
2022	TGFB1 is secreted through an unconventional pathway dependent on the autophagic machinery and cytoskeletal regulators. Autophagy, 2018, 14, 465-486.	4.3	80
2023	FK506-binding protein 10 (FKBP10) regulates lung fibroblast migration via collagen VI synthesis. Respiratory Research, 2018, 19, 67.	1.4	21
2024	Hydrostatic pressure suppresses fibrotic changes via Akt/GSK-3 signaling in human cardiac fibroblasts. Physiological Reports, 2018, 6, e13687.	0.7	15
2025	Microdevice arrays with strain sensors for 3D mechanical stimulation and monitoring of engineered tissues. Biomaterials, 2018, 172, 30-40.	5.7	34
2026	A history of exploring cancer in context. Nature Reviews Cancer, 2018, 18, 359-376.	12.8	361
2027	Photobiomodulation of a flowable matrix in a human skin ex vivo model demonstrates energyâ€based enhancement of engraftment integration and remodeling. Journal of Biophotonics, 2018, 11, e201800077.	1.1	2
2028	Mechanical and migratory properties of normal, scar, and Dupuytren's fibroblasts. Journal of Molecular Recognition, 2018, 31, e2719.	1.1	16
2029	Systems for localized release to mimic paracrine cell communication in vitro. Journal of Controlled Release, 2018, 278, 24-36.	4.8	9
2030	TRPV2 channel inhibitors attenuate fibroblast differentiation and contraction mediated by keratinocyte-derived TGF-β1 in an in vitro wound healing model of rats. Journal of Dermatological Science, 2018, 90, 332-342.	1.0	26
2031	Small proline-rich protein 2B drives stress-dependent p53 degradation and fibroblast proliferation in heart failure. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3436-E3445.	3.3	30
2032	Development and Characterization of an In Vitro Model for Radiation-Induced Fibrosis. Radiation Research, 2018, 189, 326.	0.7	11
2033	Matrix remodeling in chronic lung diseases. Matrix Biology, 2018, 73, 52-63.	1.5	37
2034	Simulated microgravity hampers Notch signaling in the fight against myocardial ischemia†reperfusion injury. Molecular Medicine Reports, 2018, 17, 5150-5158.	1.1	1
2035	Anterior-Segment Optical Coherence Tomography for Predicting Postoperative Outcomes After Trabeculectomy. Current Eye Research, 2018, 43, 762-770.	0.7	17
2036	Myofibroblasts and mast cells: influences on biological behavior of odontogenic lesions. Annals of Diagnostic Pathology, 2018, 34, 66-71.	0.6	11
2037	Cellular Constituents of the Prostate Stroma: Key Contributors to Prostate Cancer Progression and Therapy Resistance. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a030510.	2.9	57

#	Article	IF	CITATIONS
2038	Mechanosensation across borders: fibroblasts inside a macroporous scaffold sense and respond to the mechanical environment beyond the scaffold walls. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 265-275.	1.3	8
2039	GPER is involved in the functional liaison between breast tumor cells and cancer-associated fibroblasts (CAFs). Journal of Steroid Biochemistry and Molecular Biology, 2018, 176, 49-56.	1.2	39
2040	$TGF^{\hat{l}^2}$ signaling and the control of myofibroblast differentiation: Implications for chronic inflammatory disorders. Journal of Cellular Physiology, 2018, 233, 98-106.	2.0	109
2041	Fibroblasts: Diverse Cells Critical to Biomaterials Integration. ACS Biomaterials Science and Engineering, 2018, 4, 1223-1232.	2.6	41
2042	Investigation of cardiac fibroblasts using myocardial slices. Cardiovascular Research, 2018, 114, 77-89.	1.8	52
2043	Minimal mechanical load and tissue culture conditions preserve native cell phenotype and morphology in tendon—a novel ex vivo mouse explant model. Journal of Orthopaedic Research, 2018, 36, 1383-1390.	1.2	28
2044	Histological and Biochemical Evaluation of Urethral Scar following Three Different Hypospadias Repairs: An Experimental Study in Rabbits. European Journal of Pediatric Surgery, 2018, 28, 420-425.	0.7	7
2045	Delaying implant based mammary reconstruction after radiotherapy does not decrease capsular contracture: An in vitro study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 437.	0.5	0
2046	The effect of polarized light on the organization of collagen secreted by fibroblasts. Lasers in Medical Science, 2018, 33, 539-547.	1.0	4
2047	Left-Ventricular Assist Device Impact on Aortic Valve Mechanics, Proteomics and Ultrastructure. Annals of Thoracic Surgery, 2018, 105, 572-580.	0.7	17
2048	Mediators of angiogenesis and fibrosis in IgG4-related disease. Clinical and Experimental Medicine, 2018, 18, 245-249.	1.9	4
2049	Two novel mechanisms for maintenance of stemness in mesenchymal stem cells: SCRG1/BST1 axis and cell–cell adhesion through N-cadherin. Japanese Dental Science Review, 2018, 54, 37-44.	2.0	24
2050	Mechanoregulation of Myofibroblast Fate and Cardiac Fibrosis. Advanced Biology, 2018, 2, 1700172.	3.0	15
2051	Controlling human corneal stromal stem cell contraction to mediate rapid cell and matrix organization of real architecture for 3-dimensional tissue equivalents. Acta Biomaterialia, 2018, 67, 229-237.	4.1	18
2052	Invasive Pituitary Adenoma-Derived Tumor-Associated Fibroblasts Promote Tumor Progression both In Vitro and In Vivo. Experimental and Clinical Endocrinology and Diabetes, 2018, 126, 213-221.	0.6	14
2053	Introduction to fluorescence correlation Spectroscopy—Brief and simple. Methods, 2018, 140-141, 3-9.	1.9	17
2054	Not merely a protective packing organ? A review of fascia and its force transmission capacity. Journal of Applied Physiology, 2018, 124, 234-244.	1.2	84
2055	Potential role of the Jagged1/Notch1 signaling pathway in the endothelialâ€myofibroblast transition during BLMâ€nduced pulmonary fibrosis. Journal of Cellular Physiology, 2018, 233, 2451-2463.	2.0	26

#	Article	IF	Citations
2056	Biomimetic implants for pelvic floor repair. Neurourology and Urodynamics, 2018, 37, 566-580.	0.8	27
2057	Decellularization in Heart Valve Tissue Engineering. , 2018, , 289-317.		2
2058	Myocardial Cell Signaling During the Transition to Heart Failure. , 2018, 9, 75-125.		12
2059	Fibroblast heterogeneity: implications for human disease. Journal of Clinical Investigation, 2018, 128, 26-35.	3.9	327
2060	Prediction of Surgical Outcome After Trabeculectomy for Neovascular Glaucoma With Anterior-segment Optical Coherence Tomography. Journal of Glaucoma, 2018, 27, 1157-1164.	0.8	3
2061	Concept of Hematopoietic and Stromal Niches for Cell-Based Diagnostics and Regenerative Medicine (a) Tj ETQq1	1.0.7843	14 rgBT /0
2062	Role of Toll-like Receptor 4 Expressed by Fibroblasts in Allograft Fibrosis in Mouse Orthotopic Tracheal Transplantation. Transplantation Proceedings, 2018, 50, 3863-3872.	0.3	3
2063	Cardiac Fibroblast. , 2018, , 420-433.		1
2064	Dysregulation of CD69 by overexpression of microRNA‑367‑3p associated with post‑myocardial infarction cardiac fibrosis. Molecular Medicine Reports, 2018, 18, 3085-3092.	1.1	3
2065	OBSOLETE: Cardiac Fibroblast., 2018,,.		O
2067	Transforming growth factor-beta 1 (TGF- \hat{l}^21) induces the differentiation of rainbow trout (<i>Oncorhynchus mykiss</i>) cardiac fibroblasts into myofibroblasts. Journal of Experimental Biology, 2018, 221, .	0.8	11
2068	Discrete Subaortic Stenosis: Perspective Roadmap to a Complex Disease. Frontiers in Cardiovascular Medicine, 2018, 5, 122.	1.1	29
2069	Development of a 3D Collagen Model for the In Vitro Evaluation of Magnetic-assisted Osteogenesis. Scientific Reports, 2018, 8, 16270.	1.6	29
2070	An in vitro correlation of metastatic capacity and dual mechanostimulation. PLoS ONE, 2018, 13, e0207490.	1.1	4
2071	Emerging Roles of the Membrane Potential: Action Beyond the Action Potential. Frontiers in Physiology, 2018, 9, 1661.	1.3	152
2072	Cardiac Hypertrophy: Signaling and Cellular Crosstalk. , 2018, , 434-450.		O
2073	Polyclonal Rabbit Anti-Cancer-Associated Fibroblasts Globulins Induce Cancer Cells Apoptosis and Inhibit Tumor Growth. International Journal of Biological Sciences, 2018, 14, 1621-1629.	2.6	5
2074	Pathophysiology of Tendinopathy: Implications for Tennis Elbow. , 2018, , 263-275.		О

#	Article	IF	CITATIONS
2075	The increased of MMP-9 and MMP-2 with the decreased of TIMP-1 on the uterosacral ligament after childbirth. Pan African Medical Journal, 2018, 30, 283.	0.3	4
2076	The Role of Stem Cells in Dupuytren's Disease. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1777.	0.3	8
2077	Lymphatic Tissue Engineering and Regeneration. Journal of Biological Engineering, 2018, 12, 32.	2.0	54
2078	The emergence of solid stress as a potent biomechanical marker of tumour progression. Emerging Topics in Life Sciences, 2018, 2, 739-749.	1.1	4
2079	Metformin suppresses gastric cancer progression through calmodulin‑like protein�3 secreted from tumor‑associated fibroblasts. Oncology Reports, 2019, 41, 405-414.	1.2	21
2080	Oral Submucous Fibrosis as an Overhealing Wound: Implications in Malignant Transformation. Recent Patents on Anti-Cancer Drug Discovery, 2018, 13, 272-291.	0.8	33
2081	Talin Autoinhibition Regulates Cell-ECM Adhesion Dynamics and Wound Healing InÂVivo. Cell Reports, 2018, 25, 2401-2416.e5.	2.9	34
2082	A novel model of reno-cardiac syndrome in the C57BL/ 6 mouse strain. BMC Nephrology, 2018, 19, 346.	0.8	18
2083	S100A4 as a Target of the E3-Ligase Asb $2\hat{l}^2$ and Its Effect on Engineered Heart Tissue. Frontiers in Physiology, 2018, 9, 1292.	1.3	3
2084	Macrophages and Fibroblasts, Key Players in Cancer Chemoresistance. Frontiers in Cell and Developmental Biology, 2018, 6, 131.	1.8	91
2085	Hyperglycemia activates the renin-angiotensin system and induces epithelial-mesenchymal transition in streptozotocin-induced diabetic kidneys. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2018, 19, 147032031880300.	1.0	21
2086	The role of kinins in the proliferation of fibroblast primed with TNF in scratch wound assay. International Immunopharmacology, 2018, 65, 23-28.	1.7	8
2087	Connective tissue growth factor (CCN2) is a matricellular preproprotein controlled by proteolytic activation. Journal of Biological Chemistry, 2018, 293, 17953-17970.	1.6	57
2088	Adenovirus-mediated P311 ameliorates renal fibrosis through inhibition of epithelial-mesenchymal transition via TGF-Î21-Smad-ILK pathway in unilateral ureteral obstruction rats. International Journal of Molecular Medicine, 2018, 41, 3015-3023.	1.8	11
2089	Telomere dysfunction promotes transdifferentiation of human fibroblasts into myofibroblasts. Aging Cell, 2018, 17, e12838.	3.0	50
2090	Suppression of TGP on myocardial remodeling by regulating the NF- \hat{l}° B pathway. Biomedicine and Pharmacotherapy, 2018, 108, 1460-1468.	2.5	15
2091	Cancer Associated Fibroblasts: Naughty Neighbors That Drive Ovarian Cancer Progression. Cancers, 2018, 10, 406.	1.7	78
2092	Reorientation dynamics and structural interdependencies of actin, microtubules and intermediate filaments upon cyclic stretch application. Cytoskeleton, 2018, 75, 385-394.	1.0	19

#	Article	IF	CITATIONS
2093	Modulating matrixâ€multicellular response using polysucroseâ€blended with polyâ€Lâ€lactide or polydioxanone in electrospun scaffolds for skin tissue regeneration. Journal of Biomedical Materials Research - Part A, 2018, 106, 3275-3291.	2.1	7
2094	Physiology and Pathophysiology of Wound Healing in Diabetes. Contemporary Diabetes, 2018, , 109-130.	0.0	1
2095	Native-mimicking in vitro microenvironment: an elusive and seductive future for tumor modeling and tissue engineering. Journal of Biological Engineering, 2018, 12, 20.	2.0	59
2096	Viscoelastic properties of microgel thin films control fibroblast modes of migration and pro-fibrotic responses. Biomaterials, 2018, 185, 371-382.	5.7	29
2097	Glucocorticoids ameliorate periostin-induced tissue remodeling in chronic rhinosinusitis with nasal polyps. Clinical and Experimental Allergy, 2018, , .	1.4	18
2098	Extracellular ubiquitin modulates cardiac fibroblast phenotype and function via its interaction with CXCR4. Life Sciences, 2018, 211, 8-16.	2.0	16
2099	Inflammation-Independent Mechanisms of Intestinal Fibrosis: The Role of the Extracellular Matrix. , 2018, , 77-95.		1
2100	Safety Assessment of the Auto Manipulation Device for Acupuncture in Sprague-Dawley Rats: Preclinical Evaluation of the Prototype. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	4
2102	Stromal Cells in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2018, 1060, 99-114.	0.8	208
2103	Novel Models to Study Stromal Cell-Leukocyte Interactions in Health and Disease. Advances in Experimental Medicine and Biology, 2018, 1060, 131-146.	0.8	2
2104	Do Induced Pluripotent Stem Cell Characteristics Correlate with Efficient In Vitro Smooth Muscle Cell Differentiation? A Comparison of Three Patient-Derived Induced Pluripotent Stem Cell Lines. Stem Cells and Development, 2018, 27, 1438-1448.	1.1	6
2105	OBSOLETE: Cardiac Hypertrophy: Signaling and Cellular Crosstalk. , 2018, , .		0
2106	The Roles of Matrix Stiffness and ß-Catenin Signaling in Endothelial-to-Mesenchymal Transition of Aortic Valve Endothelial Cells. Cardiovascular Engineering and Technology, 2018, 9, 158-167.	0.7	69
2107	<scp>S</scp> erumâ€derived carcinoembryonic antigen (<scp>CEA</scp>) activates fibroblasts to induce a local reâ€modeling of the extracellular matrix that favors the engraftment of <scp>CEA</scp> â€expressing tumor cells. International Journal of Cancer, 2018, 143, 1963-1977.	2.3	18
2108	Sudden coronary death in the young: Evidence of contractile phenotype of smooth muscle cells in the culprit atherosclerotic plaque. International Journal of Cardiology, 2018, 264, 1-6.	0.8	16
2109	Fibrotic microtissue array to predict anti-fibrosis drug efficacy. Nature Communications, 2018, 9, 2066.	5.8	102
2110	Trametinib prevents mesothelial-mesenchymal transition and ameliorates abdominal adhesion formation. Journal of Surgical Research, 2018, 227, 198-210.	0.8	14
2111	Microenvironmentâ€'driven resistance to Bâ€'Raf inhibition in a melanoma patient is accompanied by broad changes of gene methylation and expression in distal fibroblasts. International Journal of Molecular Medicine, 2018, 41, 2687-2703.	1.8	21

#	Article	IF	CITATIONS
2112	Tissue Engineered Skin Substitutes. Advances in Experimental Medicine and Biology, 2018, 1107, 143-188.	0.8	69
2113	Incorporating mechanical strain in organs-on-a-chip: Lung and skin. Biomicrofluidics, 2018, 12, 042207.	1.2	73
2114	Impaired healing of cornea incision injury in a TRPV1-deficient mouse. Cell and Tissue Research, 2018, 374, 329-338.	1.5	20
2115	Nanoscale mechanics of brain abscess: An atomic force microscopy study. Micron, 2018, 113, 34-40.	1.1	19
2116	Quercetin ameliorates pulmonary fibrosis by inhibiting SphK1/S1P signaling. Biochemistry and Cell Biology, 2018, 96, 742-751.	0.9	45
2117	Hyperglycemia induces epithelial–mesenchymal transition in the lungs of experimental diabetes mellitus. Acta Histochemica, 2018, 120, 525-533.	0.9	18
2118	Photosensitizer-Encapsulated Ferritins Mediate Photodynamic Therapy against Cancer-Associated Fibroblasts and Improve Tumor Accumulation of Nanoparticles. Molecular Pharmaceutics, 2018, 15, 3595-3599.	2.3	55
2119	Construction of low contracted 3D skin equivalents by genipin crossâ€linking. Experimental Dermatology, 2018, 27, 1098-1103.	1.4	10
2120	Molecular and Cellular Basis of Hypertrophic Scarring. , 2018, , 455-465.e4.		5
2121	Promising effects of silver tungstate microcrystals on fibroblast human cells and three dimensional collagen matrix models: A novel non-cytotoxic material to fight oral disease. Colloids and Surfaces B: Biointerfaces, 2018, 170, 505-513.	2.5	13
2122	Changes in cardiac resident fibroblast physiology and phenotype in aging. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H745-H755.	1.5	22
2123	Scleraxis regulates Twist1 and Snai1 expression in the epithelial-to-mesenchymal transition. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H658-H668.	1.5	31
2124	Therapeutic effect of Aloe vera and silver nanoparticles on acid-induced oral ulcer in gamma-irradiated mice. Brazilian Oral Research, 2018, 32, e004.	0.6	19
2125	YAP/TAZ Are Essential for TGF-β2–Mediated Conjunctival Fibrosis. , 2018, 59, 3069.		54
2126	Vesicle-Mediated Control of Cell Function: The Role of Extracellular Matrix and Microenvironment. Frontiers in Physiology, 2018, 9, 651.	1.3	66
2127	Morphine Induces Fibroblast Activation through Up-regulation of Connexin 43 Expression: Implication of Fibrosis in Wound Healing. International Journal of Medical Sciences, 2018, 15, 875-882.	1.1	7
2128	Functional Toxicology and Pharmacology Test of Cell Induced Mechanical Tensile Stress in 2D and 3D Tissue Cultures., 2018,, 157-192.		0
2129	Sphingosine-1-phosphate pathway in renal fibrosis. American Journal of Physiology - Renal Physiology, 2018, 315, F752-F756.	1.3	26

#	Article	IF	CITATIONS
2130	Gestational Hypoxia and Developmental Plasticity. Physiological Reviews, 2018, 98, 1241-1334.	13.1	123
2131	Investigation of wound healing process guided by nano-scale topographic patterns integrated within a microfluidic system. PLoS ONE, 2018, 13, e0201418.	1.1	15
2132	Renoprotective effects of a factor Xa inhibitor: fusion of basic research and a database analysis. Scientific Reports, 2018, 8, 10858.	1.6	30
2133	Growthâ€regulated oncogeneâ€Î± from oral submucous fibrosis fibroblasts promotes malignant transformation of oral precancerous cells. Journal of Oral Pathology and Medicine, 2018, 47, 880-886.	1.4	9
2134	A positive feedback loop bi-stably activates fibroblasts. Nature Communications, 2018, 9, 3016.	5.8	82
2135	Alteration of the Antitumor Immune Response by Cancer-Associated Fibroblasts. Frontiers in Immunology, 2018, 9, 414.	2.2	272
2136	Defining the Role of Solid Stress and Matrix Stiffness in Cancer Cell Proliferation and Metastasis. Frontiers in Oncology, 2018, 8, 55.	1.3	183
2137	Advances in Minimally Invasive Treatment of Dupuytren Disease. Hand Clinics, 2018, 34, 417-426.	0.4	11
2138	Taking bioengineered heart valves from faulty to functional. Nature, 2018, 559, 42-43.	13.7	4
2139	EP4 Agonist L-902,688 Suppresses EndMT and Attenuates Right Ventricular Cardiac Fibrosis in Experimental Pulmonary Arterial Hypertension. International Journal of Molecular Sciences, 2018, 19, 727.	1.8	22
2140	Immunology Guides Skeletal Muscle Regeneration. International Journal of Molecular Sciences, 2018, 19, 835.	1.8	67
2141	Fibroblasts in the Tumor Microenvironment: Shield or Spear?. International Journal of Molecular Sciences, 2018, 19, 1532.	1.8	180
2142	Quercetin Shows the Pharmacological Activity to Simultaneously Downregulate the Inflammatory and Fibrotic Responses to Tissue Injury in Association with its Ability to Target Multi-Kinases. Pharmacology, 2018, 102, 142-153.	0.9	11
2143	Novel formononetin-7-sal ester ameliorates pulmonary fibrosis via MEF2c signaling pathway. Toxicology and Applied Pharmacology, 2018, 356, 15-24.	1.3	10
2144	Exosome-Based Cell-Cell Communication in the Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2018, 6, 18.	1.8	495
2145	Analysis of the Precision, Robustness, and Speed of Elastic Resonator Interference Stress Microscopy. Biophysical Journal, 2018, 114, 2180-2193.	0.2	12
2146	Adipose stem cells enhance excisional wound healing in a porcine model. Journal of Surgical Research, 2018, 229, 243-253.	0.8	18
2147	Vascular mechanobiology, immunobiology, and arterial growth and remodeling. , 2018, , 215-248.		6

#	Article	IF	CITATIONS
2148	In wound repair vimentin mediates the transition of mesenchymal leader cells to a myofibroblast phenotype. Molecular Biology of the Cell, 2018, 29, 1555-1570.	0.9	59
2149	Processed eggshell membrane powder regulates cellular functions and increase MMP-activity important in early wound healing processes. PLoS ONE, 2018, 13, e0201975.	1.1	34
2151	Activation of the NFAT–Calcium Signaling Pathway in Human Lamina Cribrosa Cells in Glaucoma. , 2018, 59, 831.		20
2152	A Rnd3/p190RhoGAP pathway regulates RhoA activity in idiopathic pulmonary fibrosis fibroblasts. Molecular Biology of the Cell, 2018, 29, 2165-2175.	0.9	20
2153	Fibroblast-to-myofibroblast transition in bronchial asthma. Cellular and Molecular Life Sciences, 2018, 75, 3943-3961.	2.4	95
2154	Mechanical Strain Induces Distinct Human Scleral Fibroblast Lineages: Differential Roles in Cell Proliferation, Apoptosis, Migration, and Differentiation. , 2018, 59, 2401.		10
2155	Comparison between optical coherence tomography angiography and immunolabeling for evaluation of laser-induced choroidal neovascularization. PLoS ONE, 2018, 13, e0201958.	1.1	7
2156	How can mindfulness-led breathing of qigong/Tai Chi work on qi and the meridian network?. Advances in Integrative Medicine, 2018, 5, 122-127.	0.4	2
2157	Lowâ€'grade myofibroblastic sarcoma arising in the tip of the tongue with intravascular invasion: A case report. Oncology Letters, 2018, 16, 3889-3894.	0.8	13
2158	Endoplasmic reticulum stress-dependent ROS production mediates synovial myofibroblastic differentiation in the immobilization-induced rat knee joint contracture model. Experimental Cell Research, 2018, 369, 325-334.	1.2	19
2159	Impact of tumor microenvironment composition on therapeutic responses and clinical outcomes in cancer. Future Oncology, 2018, 14, 1409-1421.	1.1	38
2160	Impact of Acellular Dermal Matrix on Postsurgical Wound Fluid Biomarkers in Prosthetic Breast Reconstruction. Annals of Plastic Surgery, 2018, 81, S89-S96.	0.5	3
2161	Identification and functional analysis of inflammationâ€related mi <scp>RNA</scp> s in skin wound repair. Development Growth and Differentiation, 2018, 60, 306-315.	0.6	29
2162	Substrate deformations induce directed keratinocyte migration. Journal of the Royal Society Interface, 2018, 15, 20180133.	1.5	12
2163	The Basic Science of Dupuytren Disease. Hand Clinics, 2018, 34, 301-305.	0.4	18
2164	Human Organotypic Respiratory Models. Current Topics in Microbiology and Immunology, 2018, , 29-54.	0.7	1
2165	Tanshinone IIA Activates Nuclear Factor-Erythroid 2-Related Factor 2 to Restrain Pulmonary Fibrosis <i>via</i> Regulation of Redox Homeostasis and Glutaminolysis. Antioxidants and Redox Signaling, 2019, 30, 1831-1848.	2.5	33
2166	Sex-specific regulation of collagen I and III expression by $17\hat{l}^2$ -Estradiol in cardiac fibroblasts: role of estrogen receptors. Cardiovascular Research, 2019, 115, 315-327.	1.8	68

#	Article	IF	CITATIONS
2167	Targeting Bone Marrow-Derived Fibroblasts for Renal Fibrosis. Advances in Experimental Medicine and Biology, 2019, 1165, 305-322.	0.8	11
2168	LncRNA NR_003923 promotes cell proliferation, migration, fibrosis, and autophagy via the miR-760/miR-215-3p/IL22RA1 axis in human Tenon's capsule fibroblasts. Cell Death and Disease, 2019, 10, 594.	2.7	25
2169	Strategies of targeting pathological stroma for enhanced antitumor therapies. Pharmacological Research, 2019, 148, 104401.	3.1	13
2170	Growth and remodelling of living tissues: perspectives, challenges and opportunities. Journal of the Royal Society Interface, 2019, 16, 20190233.	1.5	142
2171	Cardiac Fibroblast to Myofibroblast Phenotype Conversion—An Unexploited Therapeutic Target. Journal of Cardiovascular Development and Disease, 2019, 6, 28.	0.8	28
2172	Spatial Regulation of Mitochondrial Heterogeneity by Stromal Confinement in Micropatterned Tumor Models. Scientific Reports, 2019, 9, 11187.	1.6	15
2173	A Low Molecular Weight Hyaluronic Acid Derivative Accelerates Excisional Wound Healing by Modulating Pro-Inflammation, Promoting Epithelialization and Neovascularization, and Remodeling Collagen. International Journal of Molecular Sciences, 2019, 20, 3722.	1.8	46
2174	Acceleration of wound healing activity with syringic acid in streptozotocin induced diabetic rats. Life Sciences, 2019, 233, 116728.	2.0	48
2175	Integrative genomic and transcriptomic analysis of genetic markers in Dupuytren's disease. BMC Medical Genomics, 2019, 12, 98.	0.7	11
2176	Skin biology. , 2019, , 3-25.		5
2177	Generation of Quiescent Cardiac Fibroblasts From Human Induced Pluripotent Stem Cells for In Vitro Modeling of Cardiac Fibrosis. Circulation Research, 2019, 125, 552-566.	2.0	101
2178	Eosinophils and Macrophages within the Th2-Induced Granuloma: Balancing Killing and Healing in a Tight Space. Infection and Immunity, 2019, 87, .	1.0	35
2179	Multifunctional Hydrophobized Microparticles for Accelerated Wound Healing after Endoscopic Submucosal Dissection. Small, 2019, 15, e1901566.	5.2	41
2180	Predictable fibroblast tension generation by measuring compaction of anchored collagen matrices using microscopy and optical coherence tomography. Cell Adhesion and Migration, 2019, 13, 302-313.	1.1	5
2181	Primary Human Fibroblasts in Culture Switch to a Myofibroblast-Like Phenotype Independently of TGF Beta. Cells, 2019, 8, 721.	1.8	41
2182	The Effect of Chitosan Derivatives on the Compaction and Tension Generation of the Fibroblast-populated Collagen Matrix. Molecules, 2019, 24, 2713.	1.7	3
2183	Anti-fibrotic effects of tannic acid through regulation of a sustained TGF-beta receptor signaling. Respiratory Research, 2019, 20, 168.	1.4	15
2184	Dysregulated expression of hypoxia-inducible factors augments myofibroblasts differentiation in idiopathic pulmonary fibrosis. Respiratory Research, 2019, 20, 130.	1.4	38

#	Article	IF	CITATIONS
2185	Controlling the Multiscale Network Structure of Fibers To Stimulate Wound Matrix Rebuilding by Fibroblast Differentiation. ACS Applied Materials & Samp; Interfaces, 2019, 11, 28377-28386.	4.0	24
2186	Subtle Regulation of Scaffold Stiffness for the Optimized Control of Cell Behavior. ACS Applied Bio Materials, 2019, 2, 3108-3119.	2.3	25
2187	Macrophages promote a profibrotic phenotype in orbital fibroblasts through increased hyaluronic acid production and cell contractility. Scientific Reports, 2019, 9, 9622.	1.6	10
2188	Photochemical Tissue Passivation Prevents Contracture of Full Thickness Wounds in Mice. Lasers in Surgery and Medicine, 2019, 51, 910-919.	1.1	3
2189	Computational Simulation of Cell Behavior for Tissue Regeneration. , 2019, , 287-312.		0
2190	Skin Mechanobiology and Biomechanics: From Homeostasis to Wound Healing. , 2019, , 343-360.		8
2191	Review of the Essential Roles of SMCs in ATAA Biomechanics. , 2019, , 95-114.		3
2192	Methods of Delivering Mechanical Stimuli to Organ-on-a-Chip. Micromachines, 2019, 10, 700.	1.4	101
2193	Smad interacting protein 1 influences transforming growth factor- \hat{l}^21 /Smad signaling in extracellular matrix protein production and hypertrophic scar formation. Journal of Molecular Histology, 2019, 50, 503-514.	1.0	16
2194	Aberrant mechanosensing in injured intervertebral discs as a result of boundary-constraint disruption and residual-strain loss. Nature Biomedical Engineering, 2019, 3, 998-1008.	11.6	58
2195	The Roles of a Matricellular CCN Family Protein CCN5 in Cardiac Fibrosis of Heart Failure. Nano LIFE, 2019, 09, 1941003.	0.6	0
2196	miRNAs derived from cancer-associated fibroblasts in colorectal cancer. Epigenomics, 2019, 11, 1627-1645.	1.0	58
2197	Reversal of bleomycin-induced rat pulmonary fibrosis by a xenograft of human umbilical mesenchymal stem cells from Wharton's jelly. Theranostics, 2019, 9, 6646-6664.	4.6	48
2198	Polymer-Mediated Penetration-Independent Cancer Therapy. Biomacromolecules, 2019, 20, 4258-4271.	2.6	38
2200	Epithelial and interstitial Notch1 activity contributes to the myofibroblastic phenotype and fibrosis. Cell Communication and Signaling, 2019, 17, 145.	2.7	16
2201	Mark1 regulates distal airspace expansion through type I pneumocyte flattening in lung development. Journal of Cell Science, 2019, 132, .	1.2	7
2202	Nanoengineering Materials for Biomedical Uses. , 2019, , .		2
2203	Managing Pathologic Scars by Injecting Auto-Cross-linked Hyaluronic Acid: A Preliminary Prospective Clinical Study. Aesthetic Plastic Surgery, 2019, 43, 480-489.	0.5	13

#	ARTICLE	IF	CITATIONS
2204	Current perspectives on the immunosuppressive tumor microenvironment in hepatocellular carcinoma: challenges and opportunities. Molecular Cancer, 2019, 18, 130.	7.9	261
2205	Rehabilitation von spezifischem Gewebe. Essentials, 2019, , .	0.1	5
2206	Cancer-associated fibroblast regulate proliferation and migration of prostate cancer cells through TGF- \hat{l}^2 signaling pathway. Life Sciences, 2019, 235, 116791.	2.0	59
2207	Radiation-Induced Lung Injury (RILI). Frontiers in Oncology, 2019, 9, 877.	1.3	208
2208	An Improved Method of Maintaining Primary Murine Cardiac Fibroblasts in Two-Dimensional Cell Culture. Scientific Reports, 2019, 9, 12889.	1.6	39
2209	Phenotypic Plasticity of Fibroblasts during Mammary Carcinoma Development. International Journal of Molecular Sciences, 2019, 20, 4438.	1.8	19
2210	The Role of Airway Myofibroblasts in Asthma. Chest, 2019, 156, 1254-1267.	0.4	19
2211	Integration of inflammation, fibrosis, and cancer induced by carbon nanotubes. Nanotoxicology, 2019, 13, 1244-1274.	1.6	57
2212	Understanding the mechanism of radiation induced fibrosis and therapy options. , 2019, 204, 107399.		34
2213	Investigation on inhibitory effect of folic acid on methotrexate-induced epithelial-mesenchymal transition focusingÂonÂdihydrofolate reductase. Drug Metabolism and Pharmacokinetics, 2019, 34, 396-399.	1.1	10
2214	Tripeptide Arg-Gly-Asp (RGD) modifies the molecular mechanical properties of the non-muscle myosin IIA in human bone marrow-derived myofibroblasts seeded in a collagen scaffold. PLoS ONE, 2019, 14, e0222683.	1.1	8
2215	Mesenchymal Stem Cells in the Adult Human Liver: Hype or Hope?. Cells, 2019, 8, 1127.	1.8	34
2216	Mitochondrial calcium exchange links metabolism with the epigenome to control cellular differentiation. Nature Communications, 2019, 10, 4509.	5. 8	93
2217	Second harmonic generation microscopy of collagen organization in tunable, environmentally responsive alginate hydrogels. Biomaterials Science, 2019, 7, 1188-1199.	2.6	18
2218	The cell–cell junctions of mammalian testes: II. The lamellar smooth muscle monolayer cells of the peritubular wall are laterally connected by vertical adherens junctions—a novel architectonic cell–cell junction system. Cell and Tissue Research, 2019, 375, 451-482.	1.5	10
2219	Nanocrystalline cellulose–hyaluronic acid composite enriched with GM-CSF loaded chitosan nanoparticles for enhanced wound healing. Biomedical Materials (Bristol), 2019, 14, 035003.	1.7	40
2220	Fibroblast activation and abnormal extracellular matrix remodelling as common hallmarks in three cancerâ€prone genodermatoses. British Journal of Dermatology, 2019, 181, 512-522.	1.4	46
2221	Hypoxia suppresses myofibroblast differentiation by changing RhoA activity. Journal of Cell Science, 2019, 132, .	1.2	19

#	Article	IF	Citations
2222	Development of calcific aortic valve disease: Do we know enough for new clinical trials?. Journal of Molecular and Cellular Cardiology, 2019, 132, 189-209.	0.9	68
2223	Arthrofibrosis After Total Knee Arthroplasty. Orthopedic Clinics of North America, 2019, 50, 269-279.	0.5	61
2224	Imatinib mesylate does not counteract ovarian tissue fibrosis in postnatal rat ovary. Reproductive Biology, 2019, 19, 133-138.	0.9	6
2225	Biofabrication of phenotypic pulmonary fibrosis assays. Biofabrication, 2019, 11, 032005.	3.7	7
2226	Reciprocal regulation of actomyosin organization and contractility in nonmuscle cells by tropomyosins and alpha-actinins. Molecular Biology of the Cell, 2019, 30, 2025-2036.	0.9	21
2227	Regeneration of Dermis: Scarring and Cells Involved. Cells, 2019, 8, 607.	1.8	164
2228	Myofibroblast modulation of cardiac myocyte structure and function. Scientific Reports, 2019, 9, 8879.	1.6	49
2229	Lecithin-based deferoxamine nanoparticles accelerated cutaneous wound healing in diabetic rats. European Journal of Pharmacology, 2019, 858, 172478.	1.7	14
2230	Control of lung myofibroblast transformation by monovalent ion transporters. Current Topics in Membranes, 2019, 83, 15-43.	0.5	1
2231	$\hat{l}\pm 11\hat{l}^21$ Integrin is Induced in a Subset of Cancer-Associated Fibroblasts in Desmoplastic Tumor Stroma and Mediates In Vitro Cell Migration. Cancers, 2019, 11, 765.	1.7	56
2232	Isolation and Culture of Human Dermal Fibroblasts. Methods in Molecular Biology, 2019, 1993, 71-78.	0.4	33
2233	Hypoxia-Induced Epithelial-To-Mesenchymal Transition Mediates Fibroblast Abnormalities via ERK Activation in Cutaneous Wound Healing. International Journal of Molecular Sciences, 2019, 20, 2546.	1.8	29
2234	Skin Acute Wound Healing: A Comprehensive Review. International Journal of Inflammation, 2019, 2019, 1-15.	0.9	302
2235	Keratinocyte Integrin $\hat{1}\pm3\hat{1}^21$ Promotes Secretion of IL- $1\hat{1}\pm$ to Effect Paracrine Regulation of Fibroblast Gene Expression and Differentiation. Journal of Investigative Dermatology, 2019, 139, 2029-2038.e3.	0.3	18
2236	Regression of fibrosis by cilostazol in a rat model of thioacetamide-induced liver fibrosis: Up regulation of hepatic cAMP, and modulation of inflammatory, oxidative stress and apoptotic biomarkers. PLoS ONE, 2019, 14, e0216301.	1.1	27
2237	Therapeutic Targeting of Fibrotic Epithelial-Mesenchymal Transition–An Outstanding Challenge. Frontiers in Pharmacology, 2019, 10, 388.	1.6	39
2238	Polymer-integrated amnion scaffold significantly improves cleft palate repair. Acta Biomaterialia, 2019, 92, 104-114.	4.1	23
2239	Gadolinium-based contrast agents: Stimulators of myeloid-induced renal fibrosis and major metabolic disruptors. Toxicology and Applied Pharmacology, 2019, 375, 32-45.	1.3	13

#	Article	IF	CITATIONS
2240	Gli signaling pathway modulates fibroblast activation and facilitates scar formation in pulmonary fibrosis. Biochemical and Biophysical Research Communications, 2019, 514, 684-690.	1.0	6
2241	Periostin is induced by IL-4/IL-13 in dermal fibroblasts and promotes RhoA/ROCK pathway-mediated TGF-β1 secretion in abnormal scar formation. Journal of Plastic Surgery and Hand Surgery, 2019, 53, 288-294.	0.4	54
2242	Acellular Extracellular Matrix Bioscaffolds for Cardiac Repair and Regeneration. Frontiers in Cell and Developmental Biology, 2019, 7, 63.	1.8	38
2243	PGE2 in fibrosis and cancer: Insights into fibroblast activation. Prostaglandins and Other Lipid Mediators, 2019, 143, 106339.	1.0	24
2244	Active contractile properties of fascia. Clinical Anatomy, 2019, 32, 891-895.	1.5	24
2245	Tumour microenvironment responsive nanoconstructs for cancer theranostic. Nano Today, 2019, 26, 16-56.	6.2	113
2247	Electrical Stimulation Activates Fibroblasts through the Elevation of Intracellular Free Ca ²⁺ : Potential Mechanism of Pelvic Electrical Stimulation Therapy. BioMed Research International, 2019, 2019, 1-10.	0.9	13
2248	Anti-fibrotic Effects of Cardiac Progenitor Cells in a 3D-Model of Human Cardiac Fibrosis. Frontiers in Cardiovascular Medicine, 2019, 6, 52.	1.1	27
2249	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. Frontiers in Immunology, 2019, 10, 712.	2,2	125
2250	In vivo study of silk fibroin/gelatin electrospun nanofiber dressing loaded with astragaloside IV on the effect of promoting wound healing and relieving scar. Journal of Drug Delivery Science and Technology, 2019, 52, 272-281.	1.4	54
2251	KGF-1 accelerates wound contraction through the TGF- $\hat{1}^21$ /Smad signaling pathway in a double-paracrine manner. Journal of Biological Chemistry, 2019, 294, 8361-8370.	1.6	28
2252	Migration and Phenotype Control of Human Dermal Fibroblasts by Electrospun Fibrous Substrates. Advanced Healthcare Materials, 2019, 8, e1801378.	3.9	31
2253	Biomaterials to Mimic and Heal Connective Tissues. Advanced Materials, 2019, 31, e1806695.	11.1	131
2254	Prospective application of stem cells to prevent postâ€operative skeletal fibrosis. Journal of Orthopaedic Research, 2019, 37, 1236-1245.	1.2	4
2255	Carbon nanotubes and crystalline silica stimulate robust ROS production, inflammasome activation, and $\text{IL-}1\hat{1}^2$ secretion in macrophages to induce myofibroblast transformation. Archives of Toxicology, 2019, 93, 887-907.	1.9	31
2256	Identification of novel fibroblast-like cells from stem cells from human exfoliated deciduous teeth. Clinical Oral Investigations, 2019, 23, 3959-3966.	1.4	3
2258	TRIM72 contributes to cardiac fibrosis via regulating STAT3/Notchâ€₁ signaling. Journal of Cellular Physiology, 2019, 234, 17749-17756.	2.0	34
2259	Concise Review: Reduction of Adverse Cardiac Scarring Facilitates Pluripotent Stem Cell-Based Therapy for Myocardial Infarction. Stem Cells, 2019, 37, 844-854.	1.4	16

#	ARTICLE	IF	CITATIONS
2260	Mechanical regulation of myofibroblast phenoconversion and collagen contraction. Experimental Cell Research, 2019, 379, 119-128.	1.2	118
2261	Pathological mechanisms and therapeutic outlooks for arthrofibrosis. Bone Research, 2019, 7, 9.	5.4	134
2262	Collagen Fibrils Mechanically Contribute to Tissue Contraction in an In Vitro Wound Healing Scenario. Advanced Science, 2019, 6, 1801780.	5.6	55
2263	Influence of inflammasome pathway activation in macrophages on the matrix metalloproteinase expression of human hepatic stellate cells. International Immunopharmacology, 2019, 72, 12-20.	1.7	4
2264	Sacubitril/Valsartan Decreases Cardiac Fibrosis in Left Ventricle Pressure Overload by Restoring PKG Signaling in Cardiac Fibroblasts. Circulation: Heart Failure, 2019, 12, e005565.	1.6	92
2265	Early laparoscopic cholecystectomy is associated with less risk of complications after the removal of common bile duct stones by endoscopic retrograde cholangiopancreatography. Turkish Journal of Gastroenterology, 2019, 30, 336-344.	0.4	18
2266	Pulmonary delivery of therapeutic proteins based on zwitterionic chitosan-based nanocarriers for treatment on bleomycin-induced pulmonary fibrosis. International Journal of Biological Macromolecules, 2019, 133, 58-66.	3.6	23
2267	Spontaneous differentiation of periodontal ligament stem cells into myofibroblast during ex vivo expansion. Journal of Cellular Physiology, 2019, 234, 20377-20391.	2.0	11
2268	Ursolic acid modulates MMPs, collagen-l, $\hat{l}\pm$ -SMA, and TGF- \hat{l}^2 expression in isoproterenol-induced myocardial infarction in rats. Human and Experimental Toxicology, 2019, 38, 785-793.	1.1	25
2269	The immunopathology of lung fibrosis: amphiregulin-producing pathogenic memory T helper-2 cells control the airway fibrotic responses by inducing eosinophils to secrete osteopontin. Seminars in Immunopathology, 2019, 41, 339-348.	2.8	22
2270	Bioengineered <i>in Vitro</i> Tissue Model of Fibroblast Activation for Modeling Pulmonary Fibrosis. ACS Biomaterials Science and Engineering, 2019, 5, 2417-2429.	2.6	40
2271	Mechanisms of cardiac collagen deposition in experimental models and human disease. Translational Research, 2019, 209, 138-155.	2.2	51
2272	Investigating the effects of Pirfenidone on TGF-β1 stimulated non-SMAD signaling pathways in Dupuytren's disease -derived fibroblasts. BMC Musculoskeletal Disorders, 2019, 20, 135.	0.8	13
2273	Protective effects of curcumin on biochemical and molecular changes in sodium arseniteâ€induced oxidative damage in embryonic fibroblast cells. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22320.	1.4	13
2274	Effects of aqueous suppressants and prostaglandin analogues on early wound healing after glaucoma implant surgery. Scientific Reports, 2019, 9, 5251.	1.6	16
2275	Fascia Is Able to Actively Contract and May Thereby Influence Musculoskeletal Dynamics: A Histochemical and Mechanographic Investigation. Frontiers in Physiology, 2019, 10, 336.	1.3	77
2277	circHIPK3 regulates lung fibroblast-to-myofibroblast transition by functioning as a competing endogenous RNA. Cell Death and Disease, 2019, 10, 182.	2.7	64
2278	Connecting muscle development, birth defects, and evolution: An essential role for muscle connective tissue. Current Topics in Developmental Biology, 2019, 132, 137-176.	1.0	37

#	Article	IF	CITATIONS
2280	Universal Kinetics of the Onset of Cell Spreading on Substrates of Different Stiffness. Biophysical Journal, 2019, 116, 551-559.	0.2	16
2281	Overcoming Resistance to Combination Radiation-Immunotherapy: A Focus on Contributing Pathways Within the Tumor Microenvironment. Frontiers in Immunology, 2018, 9, 3154.	2.2	99
2282	Clinical significance of cancerâ€associated fibroblasts and their correlation with microvessel and lymphatic vessel density in lung adenocarcinoma. Journal of Clinical Laboratory Analysis, 2019, 33, e22832.	0.9	6
2283	Inflammation in thoracic aortic aneurysms. Herz, 2019, 44, 138-146.	0.4	15
2284	Comparing the Role of Mechanical Forces in Vascular and Valvular Calcification Progression. Frontiers in Cardiovascular Medicine, 2018, 5, 197.	1.1	40
2285	Fibronectin synthesis, but not α-smooth muscle expression, is regulated by periostin in gingival healing through FAK/JNK signaling. Scientific Reports, 2019, 9, 2708.	1.6	18
2286	A multiscale hybrid mathematical model of epidermalâ€dermal interactions during skin wound healing. Experimental Dermatology, 2019, 28, 493-502.	1.4	16
2287	Development of a tissue-engineered skin substitute on a base of human amniotic membrane. Journal of Tissue Engineering, 2019, 10, 204173141882537.	2.3	18
2288	Engineering of Collagen as a Functional Biomaterial. , 2019, , 442-456.		0
2289	TNF Receptor–Associated Factor 5 Limits Function of Plasmacytoid Dendritic Cells by Controlling IFN Regulatory Factor 5 Expression. Journal of Immunology, 2019, 203, 1447-1456.	0.4	6
2290	Varieties of atypical lymph nodes of water deer (Hydropotes inermis argyropus). IOP Conference Series: Earth and Environmental Science, 2019, 403, 012149.	0.2	2
2291	Low-grade myofibroblastic sarcoma of mandible in an infant. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, 2019, 31, 406-409.	0.2	3
2292	Development of a Stromal Microenvironment Experimental Model Containing Proto-Myofibroblast Like Cells and Analysis of Its Crosstalk with Melanoma Cells: A New Tool to Potentiate and Stabilize Tumor Suppressor Phenotype of Dermal Myofibroblasts. Cells, 2019, 8, 1435.	1.8	15
2293	Translocation of TRPV4-PI3K \hat{I}^3 complexes to the plasma membrane drives myofibroblast transdifferentiation. Science Signaling, 2019, 12, .	1.6	21
2294	Keloid pathophysiology: fibroblast or inflammatory disorders?. JPRAS Open, 2019, 22, 44-54.	0.4	47
2295	Cancer-Associated Fibroblasts Promote Angiogenesis of Hepatocellular Carcinoma by <i>VEGF</i> -Mediated <i>EZH2/VASH1</i> Pathway. Technology in Cancer Research and Treatment, 2019, 18, 153303381987990.	0.8	49
2296	Physicochemically Tuned Myofibroblasts for Wound Healing Strategy. Scientific Reports, 2019, 9, 16070.	1.6	33
2297	Myofibroblast Gene Expression Profile after Tooth Extraction in the Rabbit. Materials, 2019, 12, 3697.	1.3	16

#	Article	IF	CITATIONS
2298	Evaluation of Tissue-engineered Skin on Base of Human Amniotic Membrane for Wound Healing. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2320.	0.3	2
2299	Effects of Twitch Contraction Induced by Magnetic Stimulation on Expression of Skeletal Muscle Fibrosis Related Genes and Limited Range of Motion in Rats. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 147-153.	0.7	4
2300	Cardiac Fibroblasts and Cardiac Fibrosis: Precise Role of Exosomes. Frontiers in Cell and Developmental Biology, 2019, 7, 318.	1.8	42
2301	TGF- \hat{l}^2 in fibrosis by acting as a conductor for contractile properties of myofibroblasts. Cell and Bioscience, 2019, 9, 98.	2.1	96
2302	Softer Tissue Issues in Orthopaedic Trauma. Journal of Orthopaedic Trauma, 2019, 33, S30-S33.	0.7	0
2303	Extensive CD34-to-CD90 Fibroblast Transition Defines Regions of Cutaneous Reparative, Hypertrophic, and Keloidal Scarring. American Journal of Dermatopathology, 2019, 41, 16-28.	0.3	16
2304	Innovative Surgical Approaches and Selection Criteria of Large Acne Keloidalis Nuchae Lesions. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2215.	0.3	7
2305	Targeting Fibrotic Signaling. Annals of Plastic Surgery, 2019, 83, e92-e95.	0.5	5
2306	Improved Tumor Resection on the Palpebral Margin. Journal of Craniofacial Surgery, 2019, 30, 907-910.	0.3	1
2307	Multiple Targets of the Canonical WNT/ \hat{l}^2 -Catenin Signaling in Cancers. Frontiers in Oncology, 2019, 9, 1248.	1.3	135
2308	Current and upcoming therapies to modulate skin scarring and fibrosis. Advanced Drug Delivery Reviews, 2019, 146, 37-59.	6.6	114
2309	P311 Promotes Lung Fibrosis via Stimulation of Transforming Growth Factor-β1, -β2, and -β3 Translation. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 221-231.	1.4	19
2310	Growth rate and myofibroblast differentiation of desmoid fibroblast-like cells are modulated by TGF- \hat{l}^2 signaling. Histochemistry and Cell Biology, 2019, 151, 145-160.	0.8	8
2311	A model for positive feedback control of the transformation of fibroblasts to myofibroblasts. Progress in Biophysics and Molecular Biology, 2019, 144, 30-40.	1.4	19
2312	Rosehip Oil Promotes Excisional Wound Healing by Accelerating the Phenotypic Transition of Macrophages. Planta Medica, 2019, 85, 563-569.	0.7	10
2313	Fibroblast growth factorâ€21 protects against fibrosis in hypertensive heart disease. Journal of Pathology, 2019, 248, 30-40.	2.1	34
2314	Rho–ROCK signaling regulates tumor-microenvironment interactions. Biochemical Society Transactions, 2019, 47, 101-108.	1.6	35
2315	The Interaction between Laminin-332 and $\hat{l}\pm3\hat{l}^21$ Integrin Determines Differentiation and Maintenance of CAFs, and Supports Invasion of Pancreatic Duct Adenocarcinoma Cells. Cancers, 2019, 11, 14.	1.7	48

#	Article	IF	CITATIONS
2316	Molecular Mechanisms and Potential Therapeutic Targets in Incisional Hernia. Journal of Surgical Research, 2019, 236, 134-143.	0.8	17
2317	Advanced drug delivery systems and artificial skin grafts for skin wound healing. Advanced Drug Delivery Reviews, 2019, 146, 209-239.	6.6	369
2318	Patient selection criteria and innovative techniques for improving outcome and cosmesis in acne keloidalis nuchae lesion excision and primary closure. JAAD Case Reports, 2019, 5, 24-28.	0.4	5
2319	Wound Healing: A Cellular Perspective. Physiological Reviews, 2019, 99, 665-706.	13.1	1,303
2320	Central artery stiffness and thoracic aortopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H169-H182.	1.5	44
2321	TRP channels in cardiac and intestinal fibrosis. Seminars in Cell and Developmental Biology, 2019, 94, 40-49.	2.3	47
2322	Introduction to Wound Healing and Tissue Repair., 2019,, 39-41.		3
2323	Turning foes to friends: targeting cancer-associated fibroblasts. Nature Reviews Drug Discovery, 2019, 18, 99-115.	21.5	1,040
2324	Gentle cyclic straining of human fibroblasts on electrospun scaffolds enhances their regenerative potential. Acta Biomaterialia, 2019, 84, 159-168.	4.1	30
2325	What's in a name? On fibroblast phenotype and nomenclature. Canadian Journal of Physiology and Pharmacology, 2019, 97, 493-497.	0.7	11
2326	Angiotensin II confers resistance to apoptosis in cardiac myofibroblasts through the AT1/ERK1/2/RSK1 pathway. IUBMB Life, 2019, 71, 261-276.	1.5	14
2327	Fibrotic Signaling in Cardiomyopathies. Molecular and Translational Medicine, 2019, , 273-317.	0.4	1
2328	Cardiac Fibrotic Remodeling on a Chip with Dynamic Mechanical Stimulation. Advanced Healthcare Materials, 2019, 8, e1801146.	3.9	54
2329	Evaluation of Stromal Myofibroblasts in Laryngeal Dysplasia and Invasive Squamous Cell Carcinoma. Indian Journal of Otolaryngology and Head and Neck Surgery, 2019, 71, 233-238.	0.3	3
2330	Giulio Gabbiani and the discovery of myofibroblasts. Inflammation Research, 2019, 68, 241-245.	1.6	11
2331	Critical Role of mTORC2-Akt Signaling in TGF- \hat{l}^21 -Induced Myofibroblast Differentiation of Human Pterygium Fibroblasts. , 2019, 60, 82.		24
2332	YAP regulates periodontal ligament cell differentiation into myofibroblast interacted with RhoA/ROCK pathway. Journal of Cellular Physiology, 2019, 234, 5086-5096.	2.0	25
2333	Processed eggshell membrane powder: Bioinspiration for an innovative wound healing product. Materials Science and Engineering C, 2019, 95, 192-203.	3.8	54

#	Article	IF	Citations
2334	The mechanisms and potential of stem cell therapy for penile fibrosis. Nature Reviews Urology, 2019, 16, 79-97.	1.9	42
2335	Differential expression of secreted factors <i> <scp>SOSTDC </scp> 1 </i> and <i> <scp>ADAMTS </scp> 8 </i> cause profibrotic changes in linear morphoea fibroblasts. British Journal of Dermatology, 2019, 180, 1135-1149.	1.4	14
2336	Structural and functional analysis of singleâ€nucleotide polymorphic variants of purineâ€rich elementâ€binding protein B. Journal of Cellular Biochemistry, 2019, 120, 5835-5851.	1.2	3
2337	Evaluation of wound healing and postoperative pain after oral mucosa laser biopsy with the aid of compound with chlorhexidine and sodium hyaluronate: a randomized double blind clinical trial. Clinical Oral Investigations, 2019, 23, 3141-3151.	1.4	11
2338	Cryotherapy has antifibrotic and regenerative effects on human vocal fold fibroblasts. Laryngoscope, 2019, 129, E143-E150.	1.1	3
2339	The MEK Inhibitor Trametinib Ameliorates Kidney Fibrosis by Suppressing ERK1/2 and mTORC1 Signaling. Journal of the American Society of Nephrology: JASN, 2019, 30, 33-49.	3.0	59
2340	Evaluation of Plastic-Compressed Collagen for Conjunctival Repair in a Rabbit Model. Tissue Engineering - Part A, 2019, 25, 1084-1095.	1.6	17
2341	Simvastatin and the Rhoâ€kinase inhibitor Yâ€27632 prevent myofibroblast transformation in Peyronie's diseaseâ€derived fibroblasts via inhibition of YAP/TAZ nuclear translocation. BJU International, 2019, 123, 703-715.	1.3	22
2342	Mechanisms for the Resolution of Organ Fibrosis. Physiology, 2019, 34, 43-55.	1.6	78
2343	Biodegradable amino acid-based poly(ester amine) with tunable immunomodulating properties and their in vitro and in vivo wound healing studies in diabetic rats' wounds. Acta Biomaterialia, 2019, 84, 114-132.	4.1	34
2344	YAP activation promotes the transdifferentiation of cardiac fibroblasts to myofibroblasts in matrix remodeling of dilated cardiomyopathy. Brazilian Journal of Medical and Biological Research, 2019, 52, e7914.	0.7	13
2345	Stabilized collagen matrix dressing improves wound macrophage function and epithelialization. FASEB Journal, 2019, 33, 2144-2155.	0.2	48
2346	The tension biology of wound healing. Experimental Dermatology, 2019, 28, 464-471.	1.4	116
2347	Limiting angiogenesis to modulate scar formation. Advanced Drug Delivery Reviews, 2019, 146, 170-189.	6.6	82
2348	Scarless wound healing: From development to senescence. Advanced Drug Delivery Reviews, 2019, 146, 325-343.	6.6	59
2349	Deletion of delta-like 1 homologue accelerates fibroblast–myofibroblast differentiation and induces myocardial fibrosis. European Heart Journal, 2019, 40, 967-978.	1.0	62
2350	Fibrosis: Shared Lessons From the Lens and Cornea. Anatomical Record, 2020, 303, 1689-1702.	0.8	15
2351	Amplifying Bone Marrow Progenitors Expressing αâ€\$mooth Muscle Actin Produce Zonal Insertion Sites During Tendonâ€toâ€Bone Repair. Journal of Orthopaedic Research, 2020, 38, 105-116.	1.2	13

#	Article	IF	CITATIONS
2352	Engineering microenvironment for human cardiac tissue assembly in heart-on-a-chip platform. Matrix Biology, 2020, 85-86, 189-204.	1.5	70
2353	Cancer-associated fibroblasts in desmoplastic tumors: emerging role of integrins. Seminars in Cancer Biology, 2020, 62, 166-181.	4.3	178
2354	Myocardial Basis for Heart Failure., 2020,, 62-75.e7.		0
2355	Psoralen attenuates bleomycinâ€induced pulmonary fibrosis in mice through inhibiting myofibroblast activation and collagen deposition. Cell Biology International, 2020, 44, 98-107.	1.4	13
2356	Advances in pathogenic mechanisms and management of radiation-induced fibrosis. Biomedicine and Pharmacotherapy, 2020, 121, 109560.	2.5	38
2357	Rapid Biofabrication of Printable Dense Collagen Bioinks of Tunable Properties. Advanced Functional Materials, 2020, 30, 1903874.	7.8	31
2358	A novel method for engineering autologous non-thrombogenic in situ tissue-engineered blood vessels for arteriovenous grafting. Biomaterials, 2020, 229, 119577.	5.7	21
2359	Pirfenidone attenuates the profibrotic contractile phenotype of differentiated human dermal myofibroblasts. Biochemical and Biophysical Research Communications, 2020, 521, 646-651.	1.0	15
2360	Dynein-mediated nuclear translocation of yes-associated protein through microtubule acetylation controls fibroblast activation. Cellular and Molecular Life Sciences, 2020, 77, 4143-4161.	2.4	11
2361	MiRâ€9â€5p protects from kidney fibrosis by metabolic reprogramming. FASEB Journal, 2020, 34, 410-431.	0.2	50
2362	TGF-β1 – A truly transforming growth factor in fibrosis and immunity. Seminars in Cell and Developmental Biology, 2020, 101, 123-139.	2.3	264
2363	Biology of corneal fibrosis: soluble mediators, integrins, and extracellular vesicles. Eye, 2020, 34, 271-278.	1.1	20
2364	Could cathepsin-k be a driver of the myofibroblastic differentiation observed in dermatofibroma, atypical fibroxanthoma and pleomorphic dermal sarcoma?. Acta Histochemica, 2020, 122, 151498.	0.9	3
2365	Spatiotemporal variations of contact stress between liquid-crystal films and fibroblasts Guide cell fate and skin regeneration. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110745.	2.5	6
2366	Suppressor of Fused Inhibits Skin Wound Healing. Advances in Wound Care, 2020, 9, 233-244.	2.6	3
2367	Eosinophilic Esophagitis in Children: Clinical Findings and Diagnostic Approach. Current Pediatric Reviews, 2020, 16, 206-214.	0.4	10
2368	Curcumin incorporation into an oxidized cellulose nanofiber-polyvinyl alcohol hydrogel system promotes wound healing. Materials and Design, 2020, 186, 108313.	3.3	106
2369	Manuelle Narbentherapie bei tiefdermalen Defekten nach Verbrennungen. Essentials, 2020, , .	0.1	0

#	Article	IF	Citations
2370	Mechanotransduction drives morphogenesis to develop folding during placental development in pigs. Placenta, 2020, 90, 62-70.	0.7	27
2371	Cells with Higher Cortical Membrane Tension Are More Sensitive to Lysis by Biosurfactant Di-rhamnolipids. ACS Biomaterials Science and Engineering, 2020, 6, 352-357.	2.6	4
2372	Rationally-based therapeutic disease modification in systemic sclerosis: Novel strategies. Seminars in Cell and Developmental Biology, 2020, 101, 146-160.	2.3	20
2373	Loss of LRP1 promotes acquisition of contractile-myofibroblast phenotype and release of active TGF-Î ² 1 from ECM stores. Matrix Biology, 2020, 88, 69-88.	1.5	32
2374	Evasion of apoptosis by myofibroblasts: a hallmark of fibrotic diseases. Nature Reviews Rheumatology, 2020, 16, 11-31.	3.5	320
2375	Microenvironment-Responsive Small-Molecule Probe for Pulmonary Fibrosis Detection. Analytical Chemistry, 2020, 92, 699-706.	3.2	12
2376	The status and challenges of replicating the mechanical properties of connective tissues using additive manufacturing. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 103, 103544.	1.5	23
2377	Electrospun Polyurethane–Gelatin Composite: A New Tissue-Engineered Scaffold for Application in Skin Regeneration and Repair of Complex Wounds. ACS Biomaterials Science and Engineering, 2020, 6, 505-516.	2.6	47
2378	Wnt4 negatively regulates the TGF- \hat{l}^21 -induced human dermal fibroblast-to-myofibroblast transition via targeting Smad3 and ERK. Cell and Tissue Research, 2020, 379, 537-548.	1.5	28
2379	Biological approaches for hypertrophic scars. International Wound Journal, 2020, 17, 405-418.	1.3	26
2380	Endogenous CCN5 Participates in Angiotensin II/TGF- \hat{l}^21 Networking of Cardiac Fibrosis in High Angiotensin II-Induced Hypertensive Heart Failure. Frontiers in Pharmacology, 2020, 11, 1235.	1.6	16
2381	Mechanically stressed cancer microenvironment: Role in pancreatic cancer progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188418.	3.3	21
2382	Lumican promotes joint fibrosis through TGFâ€Î² signaling. FEBS Open Bio, 2020, 10, 2478-2488.	1.0	17
2383	Fibroblast heterogeneity in tumor micro-environment: Role in immunosuppression and new therapies. Seminars in Immunology, 2020, 48, 101417.	2.7	132
2384	Transformation of resident notochordâ€descendent nucleus pulposus cells in mouse injuryâ€induced fibrotic intervertebral discs. Aging Cell, 2020, 19, e13254.	3.0	16
2385	ECM Stiffness Controls the Activation and Contractility of Corneal Keratocytes in Response to TGF- \hat{l}^21 . Biophysical Journal, 2020, 119, 1865-1877.	0.2	20
2386	Matrix Remodeling and Hyaluronan Production by Myofibroblasts and Cancer-Associated Fibroblasts in 3D Collagen Matrices. Gels, 2020, 6, 33.	2.1	23
2387	Unmasking carcinoma-associated fibroblasts: Key transformation player within the tumor microenvironment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188443.	3.3	13

#	Article	IF	CITATIONS
2388	Contractile pericytes determine the direction of blood flow at capillary junctions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27022-27033.	3.3	127
2389	Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis. International Journal of Molecular Sciences, 2020, 21, 7165.	1.8	33
2390	Cut the YAP. JACC Basic To Translational Science, 2020, 5, 946-948.	1.9	1
2391	Direct exposure to mild heat stress stimulates cell viability and heat shock protein expression in primary cultured broiler fibroblasts. Cell Stress and Chaperones, 2020, 25, 1033-1043.	1.2	13
2392	Epigallocatechin-3-gallate (EGCG) inhibits myofibroblast transformation of human Tenon's fibroblasts. Experimental Eye Research, 2020, 197, 108119.	1.2	6
2393	The impact of non-toxic blue light (453 \hat{A} nm) on cellular antioxidative capacity, TGF- \hat{I}^21 signaling, and myofibrogenesis of human skin fibroblasts. Journal of Photochemistry and Photobiology B: Biology, 2020, 209, 111952.	1.7	18
2394	The role of lamina cribrosa tissue stiffness and fibrosis as fundamental biomechanical drivers of pathological glaucoma cupping. American Journal of Physiology - Cell Physiology, 2020, 319, C611-C623.	2.1	27
2395	Myofibroblasts and Fibrosis. Circulation Research, 2020, 127, 427-447.	2.0	186
2396	Catheter-based optical approaches for cardiovascular medicine: progress, challenges and new directions. Progress in Biomedical Engineering, 2020, 2, 032001.	2.8	2
2398	Toll-like receptor 4 regulates intestinal fibrosis via cytokine expression and epithelial-mesenchymal transition. Scientific Reports, 2020, 10, 19867.	1.6	23
2399	NF- $\hat{l}^{0}B$ activation persists into the remodeling phase of tendon healing and promotes myofibroblast survival. Science Signaling, 2020, 13, .	1.6	42
2400	Organotypic Modeling of the Tumor Landscape. Frontiers in Cell and Developmental Biology, 2020, 8, 606039.	1.8	10
2401	ECM-inspired micro/nanofibers for modulating cell function and tissue generation. Science Advances, 2020, 6, .	4.7	78
2402	T cell force-responsive delivery of anticancer drugs using mesoporous silica microparticles. Materials Horizons, 2020, 7, 3196-3200.	6.4	12
2403	Metabolic dysfunction and inflammatory disease: the role of stromal fibroblasts. FEBS Journal, 2021, 288, 5555-5568.	2.2	11
2404	TGF-Î ² Pathway in Salivary Gland Fibrosis. International Journal of Molecular Sciences, 2020, 21, 9138.	1.8	24
2405	Heat Shock Factor 1-dependent extracellular matrix remodeling mediates the transition from chronic intestinal inflammation to colon cancer. Nature Communications, 2020, 11, 6245.	5.8	51
2406	In Vitro Evidences of Different Fibroblast Morpho-Functional Responses to Red, Near-Infrared and Violet-Blue Photobiomodulation: Clues for Addressing Wound Healing. Applied Sciences (Switzerland), 2020, 10, 7878.	1.3	8

#	Article	IF	Citations
2407	Interleukin- $1\hat{l}^2$ Modulation of the Mechanobiology of Primary Human Pulmonary Fibroblasts: Potential Implications in Lung Repair. International Journal of Molecular Sciences, 2020, 21, 8417.	1.8	8
2408	Multifunctional Natural Polymer Nanoparticles as Antifibrotic Gene Carriers for CKD Therapy. Journal of the American Society of Nephrology: JASN, 2020, 31, 2292-2311.	3.0	29
2409	Role of Cardiac Lymphatics in MyocardialÂEdema and Fibrosis. Journal of the American College of Cardiology, 2020, 76, 735-744.	1.2	45
2410	Periostin and matrix stiffness combine to regulate myofibroblast differentiation and fibronectin synthesis during palatal healing. Matrix Biology, 2020, 94, 31-56.	1.5	24
2411	Advanced pulmonary sarcoidosis. Current Opinion in Pulmonary Medicine, 2020, 26, 574-581.	1.2	10
2412	Cancer-associated fibroblasts of colorectal cancer and their markers: updates, challenges and translational outlook. Future Oncology, 2020, 16, 2329-2344.	1.1	13
2413	Sidr honey abrogates the oxidative stress and downregulates the hyaluronic acid concentration and gene expression of TGFâ€Î²1 and COL1a1 in rat model of thioacetamideâ€induced hepatic fibrosis. Animal Science Journal, 2020, 91, e13434.	0.6	5
2414	GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. Cell Reports, 2020, 32, 107857.	2.9	79
2415	Human Microphysiological Models of Intestinal Tissue and Gut Microbiome. Frontiers in Bioengineering and Biotechnology, 2020, 8, 725.	2.0	46
2416	Identifying collagen VI as a target of fibrotic diseases regulated by CREBBP/EP300. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20753-20763.	3.3	45
2417	CD36 and CD97 in Pancreatic Cancer versus Other Malignancies. International Journal of Molecular Sciences, 2020, 21, 5656.	1.8	19
2418	A Novel 3D Model for Visualization and Tracking of Fibroblast-Guided Directional Cancer Cell Migration. Biology, 2020, 9, 328.	1.3	8
2419	Harnessing Mechanosensation in Next Generation Cardiovascular Tissue Engineering. Biomolecules, 2020, 10, 1419.	1.8	12
2420	Transcriptomic analysis reveals dynamic molecular changes in skin induced by mechanical forces secondary to tissue expansion. Scientific Reports, 2020, 10, 15991.	1.6	12
2421	Porcine acellular dermal matrix accelerates wound healing through miR-124-3p.1 and miR-139-5p. Cytotherapy, 2020, 22, 494-502.	0.3	15
2422	Transforming growth factor–β in tissue fibrosis. Journal of Experimental Medicine, 2020, 217, e20190103.	4.2	507
2423	Three-Dimensional Human Liver-Chip Emulating Premetastatic Niche Formation by Breast Cancer-Derived Extracellular Vesicles. ACS Nano, 2020, 14, 14971-14988.	7.3	63
2424	Microneedle arrays for the treatment of chronic wounds. Expert Opinion on Drug Delivery, 2020, 17, 1767-1780.	2.4	70

#	Article	IF	CITATIONS
2425	Mechanical stretch sustains myofibroblast phenotype and function in microtissues through latent TGF- \hat{l}^21 activation. Integrative Biology (United Kingdom), 2020, 12, 199-210.	0.6	15
2426	Janus nanozyme–drug nanosystems for synergistic anti-inflammatory treatment of nasal polyps. CrystEngComm, 2020, 22, 7800-7807.	1.3	5
2427	Collagenâ€rich deposit formation in the sciatic nerve after injury and surgical repair: A study of collagenâ€producing cells in a rabbit model. Brain and Behavior, 2020, 10, e01802.	1.0	19
2428	Cutting the ovarian surface improves the responsiveness to exogenous hormonal treatment in aged mice. Reproductive Medicine and Biology, 2020, 19, 415-424.	1.0	5
2429	Recapitulation of normal collagen architecture in embryonic wounded corneas. Scientific Reports, 2020, 10, 13815.	1.6	9
2430	A 96-well format microvascularized human lung-on-a-chip platform for microphysiological modeling of fibrotic diseases. Lab on A Chip, 2020, 20, 3601-3611.	3.1	62
2431	Fibrin hydrogels promote scar formation and prevent therapeutic angiogenesis in the heart. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1513-1523.	1.3	8
2432	Electromagnetizedâ€Nanoparticleâ€Modulated Neural Plasticity and Recovery of Degenerative Dopaminergic Neurons in the Midâ€Brain. Advanced Materials, 2020, 32, e2003800.	11.1	47
2433	Safety and efficacy of a novel homeâ€use device for lightâ€potentiated (<scp>LED</scp>) skin treatment. Journal of Biophotonics, 2020, 13, e202000230.	1.1	5
2434	Transforming growth factor beta signaling and decidual integrity in miceâ€. Biology of Reproduction, 2020, 103, 1186-1198.	1.2	11
2435	Radiation-induced lung toxicity – cellular and molecular mechanisms of pathogenesis, management, and literature review. Radiation Oncology, 2020, 15, 214.	1.2	103
2436	Adipose stem cells exhibit mechanical memory and reduce fibrotic contracture in a rat elbow injury model. FASEB Journal, 2020, 34, 12976-12990.	0.2	26
2437	Collagen-Derived Di-Peptide, Prolylhydroxyproline (Pro-Hyp): A New Low Molecular Weight Growth-Initiating Factor for Specific Fibroblasts Associated With Wound Healing. Frontiers in Cell and Developmental Biology, 2020, 8, 548975.	1.8	27
2438	Mechanical and Physical Regulation of Fibroblast–Myofibroblast Transition: From Cellular Mechanoresponse to Tissue Pathology. Frontiers in Bioengineering and Biotechnology, 2020, 8, 609653.	2.0	107
2440	Nanoapproaches to Modifying Epigenetics of Epithelial Mesenchymal Transition for Treatment of Pulmonary Fibrosis. Frontiers in Pharmacology, 2020, 11, 607689.	1.6	28
2442	Primary Ciliary Signaling in the Skin—Contribution to Wound Healing and Scarring. Frontiers in Cell and Developmental Biology, 2020, 8, 578384.	1.8	11
2443	Soluble Dipeptidyl Peptidase-4 Induces Fibroblast Activation Through Proteinase-Activated Receptor-2. Frontiers in Pharmacology, 2020, 11, 552818.	1.6	15
2444	$TGF\hat{l}^2/Smad$ mediated the polyhexamethyleneguanide areosol-induced irreversible pulmonary fibrosis in subchronic inhalation exposure. Inhalation Toxicology, 2020, 32, 419-430.	0.8	14

#	Article	IF	CITATIONS
2445	Paeoniflorin accelerates foot wound healing in diabetic rats though activating the Nrf2 pathway. Acta Histochemica, 2020, 122, 151649.	0.9	33
2446	Matrix-transmitted paratensile signaling enables myofibroblast <scp>–</scp> fibroblast cross talk in fibrosis expansion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10832-10838.	3.3	48
2447	Obesityâ€Associated Adipose Stromal Cells Promote Breast Cancer Invasion through Direct Cell Contact and ECM Remodeling. Advanced Functional Materials, 2020, 30, 1910650.	7.8	30
2448	The role of innate immunity in the long-term outcome of lung transplantation. Annals of Translational Medicine, 2020, 8, 412-412.	0.7	22
2449	The interplay between cancer associated fibroblasts and immune cells in the context of radiation therapy. Molecular Carcinogenesis, 2020, 59, 754-765.	1.3	34
2450	Bioactive antibacterial bilayer PCL/gelatin nanofibrous scaffold promotes full-thickness wound healing. International Journal of Pharmaceutics, 2020, 583, 119413.	2.6	95
2451	Collagen microarchitecture mechanically controls myofibroblast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11387-11398.	3.3	127
2452	Immature Stroma and Prognostic Profiling in Colorectal Carcinoma: Development and Validation of Novel Classification Systems. Pathology Research and Practice, 2020, 216, 152970.	1.0	7
2453	Gap-134, a Connexin43 activator, prevents age-related development of ventricular fibrosis in Scn5aâ ² mice. Pharmacological Research, 2020, 159, 104922.	3.1	8
2454	Multidisciplinary Approach to Neurofibromatosis Type 1., 2020, , .		1
2455	Platelet-Rich Plasma Modulates Gap Junction Functionality and Connexin 43 and 26 Expression During TGF-β1–Induced Fibroblast to Myofibroblast Transition: Clues for Counteracting Fibrosis. Cells, 2020, 9, 1199.	1.8	19
2456	Targeting the renin-angiotensin-aldosterone system in fibrosis. Matrix Biology, 2020, 91-92, 92-108.	1.5	74
2457	Mechano-therapeutics: Targeting Mechanical Signaling in Fibrosis and Tumor Stroma., 2020, 212, 107575.		69
2458	A paracrine activin A–mDia2 axis promotes squamous carcinogenesis via fibroblast reprogramming. EMBO Molecular Medicine, 2020, 12, e11466.	3.3	40
2459	TGF- \hat{l}^2 and WNT signaling pathways in cardiac fibrosis: non-coding RNAs come into focus. Cell Communication and Signaling, 2020, 18, 87.	2.7	102
2460	Adhesive Submucosal Injection Material Based on the Nonanal Group-Modified Poly(vinyl) Tj ETQq1 1 0.784314 Materials, 2020, 3, 4370-4379.	gBT /Over 2.3	lock 10 Tf 50 7
2461	Regulation of heterogeneous cancer-associated fibroblasts: the molecular pathology of activated signaling pathways. Journal of Experimental and Clinical Cancer Research, 2020, 39, 112.	3.5	158
2462	Tumor-stroma biomechanical crosstalk: a perspective on the role of caveolin-1 in tumor progression. Cancer and Metastasis Reviews, 2020, 39, 485-503.	2.7	11

#	Article	IF	CITATIONS
2463	Pharmacological Treatment of Fibrosis: a Systematic Review of Clinical Trials. SN Comprehensive Clinical Medicine, 2020, 2, 531-550.	0.3	6
2464	Das fasziale Bindegewebe – ein Medium für die Akupunktur?. Deutsche Zeitschrift Für Akupunktur, 2020, 63, 2-7.	0.1	O
2465	Engineered Biomaterial Platforms to Study Fibrosis. Advanced Healthcare Materials, 2020, 9, e1901682.	3.9	53
2466	Fibroblastâ€specific <scp><i>Stat1</i></scp> deletion enhances the myofibroblast phenotype during tissue repair. Wound Repair and Regeneration, 2020, 28, 448-459.	1.5	13
2467	Incision Lines on the Female Breast. Dermatology, 2020, 236, 248-250.	0.9	5
2468	Pathogenesis of systemic sclerosis associated interstitial lung disease. Journal of Scleroderma and Related Disorders, 2020, 5, 6-16.	1.0	53
2469	Plateletâ€derived growth factor receptorâ€Î² (PDGFRβ) lineage tracing highlights perivascular cell to myofibroblast transdifferentiation during postâ€traumatic osteoarthritis. Journal of Orthopaedic Research, 2020, 38, 2484-2494.	1,2	9
2470	Effect of Novel Design Modifications on Fibrotic Encapsulation: An In Vivo Glaucoma Drainage Device Study in a Rabbit Model. Ophthalmology and Therapy, 2020, 9, 279-291.	1.0	2
2471	An ultrastructural pathologist's views on fibroblasts, modified smooth muscle cells, wound healing, stenosing arteriopathies, Kawasaki disease, Dupuytren's contracture, and the stroma of carcinomas. Ultrastructural Pathology, 2020, 44, 2-14.	0.4	2
2472	Dual Functional Lysozyme–Chitosan Conjugate for Tunable Degradation and Antibacterial Activity. ACS Applied Bio Materials, 2020, 3, 2334-2343.	2.3	29
2473	Microenvironmental Alterations in Carbon Nanotube-Induced Lung Inflammation and Fibrosis. Frontiers in Cell and Developmental Biology, 2020, 8, 126.	1.8	7
2474	Mechanosensitive Aspects of Cell Biology in Manual Scar Therapy for Deep Dermal Defects. International Journal of Molecular Sciences, 2020, 21, 2055.	1.8	10
2475	Prevention and Rehabilitation of Hamstring Injuries. , 2020, , .		3
2476	Hyaluronidase-2 Regulates RhoA Signaling, Myofibroblast Contractility, and Other Key Profibrotic Myofibroblast Functions. American Journal of Pathology, 2020, 190, 1236-1255.	1.9	11
2477	Dense fibrillar collagen-based hydrogels as functional osteoid-mimicking scaffolds. International Materials Reviews, 2020, 65, 502-521.	9.4	30
2478	Therapeutic Targets for the Treatment of Cardiac Fibrosis and Cancer: Focusing on TGF-Î ² Signaling. Frontiers in Cardiovascular Medicine, 2020, 7, 34.	1.1	85
2479	A multifunctional nanocomposite spray dressing of Kappa-carrageenan-polydopamine modified ZnO/L-glutamic acid for diabetic wounds. Materials Science and Engineering C, 2020, 111, 110837.	3.8	62
2480	Design and biofabrication of dermal regeneration scaffolds: role of oligomeric collagen fibril density and architecture. Regenerative Medicine, 2020, 15, 1295-1312.	0.8	11

#	Article	IF	CITATIONS
2481	Exosomes are the Driving Force in Preparing the Soil for the Metastatic Seeds: Lessons from the Prostate Cancer. Cells, 2020, 9, 564.	1.8	42
2482	Protective Effect of Low-Molecular-Weight Fucoidan on Radiation-Induced Fibrosis Through TGF-Î ² 1/Smad Pathway-Mediated Inhibition of Collagen I Accumulation. Marine Drugs, 2020, 18, 136.	2.2	15
2483	The control of conjunctival fibrosis as a paradigm for the prevention of ocular fibrosis-related blindness. "Fibrosis has many friends― Eye, 2020, 34, 2163-2174.	1.1	18
2484	Intranasal Flunisolide Suppresses Pathological Alterations Caused by Silica Particles in the Lungs of Mice. Frontiers in Endocrinology, 2020, 11, 388.	1.5	9
2485	Engineering Cellâ€Derived Matrices: From 3D Models to Advanced Personalized Therapies. Advanced Functional Materials, 2020, 30, 2000496.	7.8	14
2486	Extracellular Matrix Stiffness and Composition Regulate the Myofibroblast Differentiation of Vaginal Fibroblasts. International Journal of Molecular Sciences, 2020, 21, 4762.	1.8	30
2487	Integrating mental imagery and fascial tissue: A conceptualization for research into movement and cognition. Complementary Therapies in Clinical Practice, 2020, 40, 101193.	0.7	6
2488	The myofibroblast at a glance. Journal of Cell Science, 2020, 133, .	1.2	167
2489	Comments on the manuscript of Dr. J M Orenstein. Ultrastructural Pathology, 2020, 44, 15-16.	0.4	0
2491	CD66b ⁺ neutrophils and αâ€SMA ⁺ fibroblasts predict clinical outcomes and benefits from postoperative chemotherapy in gastric adenocarcinoma. Cancer Medicine, 2020, 9, 2761-2773.	1.3	15
2492	Targeting the NLRP3 inflammasome to treat cardiovascular fibrosis., 2020, 209, 107511.		63
2494	3D Co-culture of hiPSC-Derived Cardiomyocytes With Cardiac Fibroblasts Improves Tissue-Like Features of Cardiac Spheroids. Frontiers in Molecular Biosciences, 2020, 7, 14.	1.6	110
2495	Piezoelectric Nanoâ€Biomaterials for Biomedicine and Tissue Regeneration. Advanced Functional Materials, 2020, 30, 1909045.	7.8	260
2496	LINC00028 regulates the development of $TGF\hat{l}^21$ -treated human tenon capsule fibroblasts by targeting miR-204-5p. Biochemical and Biophysical Research Communications, 2020, 525, 197-203.	1.0	15
2497	Transient receptor potential channels TRPC1/TRPC6 regulate lamina cribrosa cell extracellular matrix gene transcription and proliferation. Experimental Eye Research, 2020, 193, 107980.	1.2	9
2498	Si substituted hydroxyapatite nanorods on Ti for percutaneous implants. Bioactive Materials, 2020, 5, 116-123.	8.6	35
2499	Towards extracellular matrix normalization for improved treatment of solid tumors. Theranostics, 2020, 10, 1960-1980.	4.6	68
2500	TGF-ß1 Induces Changes in the Energy Metabolism of White Adipose Tissue-Derived Human Adult Mesenchymal Stem/Stromal Cells In Vitro. Metabolites, 2020, 10, 59.	1.3	2

#	Article	IF	CITATIONS
2501	Potential effect of non-thermal plasma for the inhibition of scar formation: a preliminary report. Scientific Reports, 2020, 10, 1064.	1.6	15
2502	Porcine Vocal Fold Lamina Propria-Derived Biomaterials Modulate TGF- \hat{l}^2 1-Mediated Fibroblast Activation in Vitro. ACS Biomaterials Science and Engineering, 2020, 6, 1690-1703.	2.6	14
2503	A framework for advancing our understanding of cancer-associated fibroblasts. Nature Reviews Cancer, 2020, 20, 174-186.	12.8	2,012
2504	Impaired Myofibroblast Dedifferentiation Contributes to Nonresolving Fibrosis in Aging. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 633-644.	1.4	58
2505	The life cycle of cancer-associated fibroblasts within the tumour stroma and its importance in disease outcome. British Journal of Cancer, 2020, 122, 931-942.	2.9	74
2507	Autophagy drives fibroblast senescence through MTORC2 regulation. Autophagy, 2020, 16, 2004-2016.	4.3	89
2508	3D Scaffoldâ€Based Macrophage Fibroblast Coculture Model Reveals ILâ€10 Dependence of Wound Resolution Phase. Advanced Biology, 2020, 4, e1900220.	3.0	23
2509	A mechanobiological model to study upstream cell migration guided by tensotaxis. Biomechanics and Modeling in Mechanobiology, 2020, 19, 1537-1549.	1.4	7
2510	Alveolar socket remodeling: The tug-of-war model. Medical Hypotheses, 2020, 142, 109746.	0.8	9
2511	Targeting Hepatic Stellate Cells for the Treatment of Liver Fibrosis by Natural Products: Is It the Dawning of a New Era?. Frontiers in Pharmacology, 2020, 11, 548.	1.6	31
2512	Mechanobiology, tissue development, and tissue engineering. , 2020, , 237-256.		3
2513	Periodontitis and peri-implantitis. British Dental Journal, 2020, 228, 422-422.	0.3	1
2514	The dynamics of closure following excisional mid-palatal mucoperiosteal wound in a rat model. Clinical Oral Investigations, 2020, 24, 4385-4393.	1.4	7
2515	Extracellular Matrix in Ischemic Heart Disease, Part 4/4. Journal of the American College of Cardiology, 2020, 75, 2219-2235.	1.2	42
2516	Collagen-producing lung cell atlas identifies multiple subsets with distinct localization and relevance to fibrosis. Nature Communications, 2020, 11, 1920.	5.8	346
2517	Growth differentiation factor 15 facilitates lung fibrosis by activating macrophages and fibroblasts. Experimental Cell Research, 2020, 391, 112010.	1.2	35
2518	Fibrosis in Arrhythmogenic Cardiomyopathy: The Phantom Thread in the Fibro-Adipose Tissue. Frontiers in Physiology, 2020, 11, 279.	1.3	15
2519	Wound healing and fibrosis: a contrasting role for periostin in skin and the oral mucosa. American Journal of Physiology - Cell Physiology, 2020, 318, C1065-C1077.	2.1	51

#	Article	IF	CITATIONS
2520	Myofibroblast-Derived Exosomes Contribute to Development of a Susceptible Substrate for Atrial Fibrillation. Cardiology, 2020, 145, 324-332.	0.6	21
2521	The Vascular Involvement in Soft Tissue Fibrosisâ€"Lessons Learned from Pathological Scarring. International Journal of Molecular Sciences, 2020, 21, 2542.	1.8	20
2522	Incision Lines: Active Movement as a Major Biodynamic Factor of Scarring. Dermatology, 2021, 237, 70-72.	0.9	6
2523	Mathematical Modeling Can Advance Wound Healing Research. Advances in Wound Care, 2021, 10, 328-344.	2.6	8
2524	Interleukin- $1\hat{l}_{\pm}$ dependent survival of cardiac fibroblasts is associated with StAR/STARD1 expression and improved cardiac remodeling and function after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2021, 155, 125-137.	0.9	6
2525	Alkaline phosphatase dualâ€binding sites for collagen dictate cell migration and microvessel assembly in vitro. Journal of Cellular Biochemistry, 2021, 122, 116-129.	1.2	4
2526	Quantifying cellular forces: Practical considerations of traction force microscopy for dermal fibroblasts. Experimental Dermatology, 2021, 30, 74-83.	1.4	7
2527	A survey of herbal medicines as tumor <scp>microenvironmentâ€modulating</scp> agents. Phytotherapy Research, 2021, 35, 78-94.	2.8	17
2528	Cancer-Associated Fibroblasts Provide a Stromal Niche for Liver Cancer Organoids That Confers Trophic Effects and Therapy Resistance. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 407-431.	2.3	103
2529	Mechanical Regulation of Apoptosis in the Cardiovascular System. Annals of Biomedical Engineering, 2021, 49, 75-97.	1.3	23
2530	Epigenetic Control of circHNRNPH1 in Postischemic Myocardial Fibrosis through Targeting of TGF-Î ² Receptor Type I. Molecular Therapy - Nucleic Acids, 2021, 25, 93-104.	2.3	10
2531	Extracellular BMP1 is the major proteinase for COOH-terminal proteolysis of type I procollagen in lung fibroblasts. American Journal of Physiology - Cell Physiology, 2021, 320, C162-C174.	2.1	7
2532	Development of poly(D,L-lactic-co-glycolic acid) films coated with biomembrane-mimicking polymers for anti-adhesion activity. Materials Science and Engineering C, 2021, 120, 111780.	3.8	8
2534	Developmental origins of mechanical homeostasis in the aorta. Developmental Dynamics, 2021, 250, 629-639.	0.8	28
2535	Tissue Inhibitor of Metalloproteinase (TIMP) Peptidomimetic as an Adjunctive Therapy for Infectious Keratitis. Biomacromolecules, 2021, 22, 629-639.	2.6	6
2536	Significance of nuclear LOXL2 inhibition in fibroblasts and myofibroblasts in the fibrotic process of acute respiratory distress syndrome. European Journal of Pharmacology, 2021, 892, 173754.	1.7	10
2537	Fibroblast contributions to ischemic cardiac remodeling. Cellular Signalling, 2021, 77, 109824.	1.7	31
2538	Cardiac fibrosis. Cardiovascular Research, 2021, 117, 1450-1488.	1.8	419

#	Article	IF	CITATIONS
2539	Evaluation of cytotoxicity of areca nut and its commercial products on normal human gingival fibroblast and oral squamous cell carcinoma cell lines. Journal of Hazardous Materials, 2021, 403, 123872.	6.5	10
2540	Biocasting of an elastin-like recombinamer and collagen bi-layered model of the tunica adventitia and external elastic lamina of the vascular wall. Biomaterials Science, 2021, 9, 3860-3874.	2.6	4
2541	Atherosclerotic Plaque Healing. New England Journal of Medicine, 2021, 384, 292-294.	13.9	2
2542	Evogliptin Suppresses Calcific Aortic Valve Disease by Attenuating Inflammation, Fibrosis, and Calcification. Cells, 2021, 10, 57.	1.8	22
2543	MiR-223-3p in Cardiovascular Diseases: A Biomarker and Potential Therapeutic Target. Frontiers in Cardiovascular Medicine, 2020, 7, 610561.	1.1	26
2544	Verteporfin inhibits the persistent fibrotic phenotype of lesional scleroderma dermal fibroblasts. Journal of Cell Communication and Signaling, 2021, 15, 71-80.	1.8	22
2545	Functional label-free assessment of fibroblast differentiation in 3D collagen-l-matrices using particle image velocimetry. Biomaterials Science, 2021, 9, 5917-5927.	2.6	3
2546	Pivotal Role of Tenascin-W (-N) in Postnatal Incisor Growth and Periodontal Ligament Remodeling. Frontiers in Immunology, 2020, 11, 608223.	2.2	13
2547	Ascorbate is a multifunctional micronutrient whose synthesis is lacking in primates. Journal of Clinical Biochemistry and Nutrition, 2021, 69, 1-15.	0.6	10
2548	Insights on the Pathogenesis of Aneurysm through the Study of Hereditary Aortopathies. Genes, 2021, 12, 183.	1.0	31
2549	Training Load and Injury: Causal Pathways and Future Directions. Sports Medicine, 2021, 51, 1137-1150.	3.1	56
2550	Defining human mesenchymal and epithelial heterogeneity in response to oral inflammatory disease. ELife, 2021, 10, .	2.8	52
2552	Myofibroblast Markers and Microscopy Detection Methods in Cell Culture and Histology. Methods in Molecular Biology, 2021, 2299, 17-47.	0.4	21
2553	Rhabdomyosarcoma Cells Produce Their Own Extracellular Matrix With Minimal Involvement of Cancer-Associated Fibroblasts: A Preliminary Study. Frontiers in Oncology, 2020, 10, 600980.	1.3	8
2554	Porcine Umbilical Cord Perivascular Cells for Preclinical Testing of Tissue-Engineered Heart Valves. Tissue Engineering - Part C: Methods, 2021, 27, 35-46.	1.1	6
2555	Indigenous primary culture protocols for human adult skin fibroblast, pancreatic stellate cells, and peritoneal fibroblasts. Indian Journal of Rheumatology, 2021, 16, 298.	0.2	1
2556	Piezoelectric core–shell PHBV/PDX blend scaffolds for reduced superficial wound contraction and scarless tissue regeneration. Biomaterials Science, 2021, 9, 5259-5274.	2.6	21
2557	Co-delivery of siPTPN13 and siNOX4 <i>via</i> (myo)fibroblast-targeting polymeric micelles for idiopathic pulmonary fibrosis therapy. Theranostics, 2021, 11, 3244-3261.	4.6	14

#	Article	IF	Citations
2558	The effect of TGF $\hat{1}^2$ RI inhibition on fibroblast heterogeneity in hypertrophic scar 2D in vitro models. Burns, 2021, 47, 1563-1575.	1.1	2
2559	Combination Cancer Therapy of a Del1 Fragment and Cisplatin Enhanced Therapeutic Efficiency <i>In Vivo</i> In Vivo, 2021, 35, 779-791.	0.6	2
2560	Aortic carboxypeptidase-like protein regulates vascular adventitial progenitor and fibroblast differentiation through myocardin related transcription factor A. Scientific Reports, 2021, 11, 3948.	1.6	6
2561	Gain-of-function p53 protein transferred via small extracellular vesicles promotes conversion of fibroblasts to a cancer-associated phenotype. Cell Reports, 2021, 34, 108726.	2.9	27
2562	Diffuse myocardial fibrosis: mechanisms, diagnosis and therapeutic approaches. Nature Reviews Cardiology, 2021, 18, 479-498.	6.1	128
2563	Miniaturized Needle Arrayâ€Mediated Drug Delivery Accelerates Wound Healing. Advanced Healthcare Materials, 2021, 10, e2001800.	3.9	27
2564	Cancer-Associated Fibroblast Subgroups Showing Differential Promoting Effect on HNSCC Progression. Cancers, 2021, 13, 654.	1.7	19
2565	Mechanobiological Principles Influence the Immune Response in Regeneration: Implications for Bone Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 614508.	2.0	13
2566	IL-10 Deficiency Aggravates Renal Inflammation, Fibrosis and Functional Failure in High-Fat Dieted Obese Mice. Tissue Engineering and Regenerative Medicine, 2021, 18, 399-410.	1.6	12
2567	Biological Targets for Dupuytren Disease. Annals of Plastic Surgery, 2021, 87, 355-358.	0.5	2
2568	Diverse origins and activation of fibroblasts in cardiac fibrosis. Cellular Signalling, 2021, 78, 109869.	1.7	22
2569	The effects of cardiac stretch on atrial fibroblasts: analysis of the evidence and potential role in atrial fibrillation. Cardiovascular Research, 2022, 118, 440-460.	1.8	18
2570	Challenges and Possibilities of Cell-Based Tissue-Engineered Vascular Grafts. Cyborg and Bionic Systems, 2021, 2021, .	3.7	22
2571	A Metabolic Reprogramming of Glycolysis and Glutamine Metabolism Is a Requisite for Renal Fibrogenesis—Why and How?. Frontiers in Physiology, 2021, 12, 645857.	1.3	32
2572	Dermal Fibroblast Heterogeneity and Its Contribution to the Skin Repair and Regeneration. Advances in Wound Care, 2022, 11, 87-107.	2.6	18
2573	Control Delivery of Multiple Growth Factors to Actively Steer Differentiation and Extracellular Matrix Protein Production. Advanced Biology, 2021, 5, 2000205.	1.4	2
2575	Mechanical homeostasis in tissue equivalents: a review. Biomechanics and Modeling in Mechanobiology, 2021, 20, 833-850.	1.4	36
2576	Effect of NIR Laser Therapy by MLS-MiS Source on Fibroblast Activation by Inflammatory Cytokines in Relation to Wound Healing. Biomedicines, 2021, 9, 307.	1.4	8

#	Article	IF	CITATIONS
2578	Controlling cardiac fibrosis through fibroblast state space modulation. Cellular Signalling, 2021, 79, 109888.	1.7	14
2579	Development of a novel knee contracture mouse model by immobilization using external fixation. Connective Tissue Research, 2021, , 1-14.	1.1	6
2580	Cell morphology and mechanosensing can be decoupled in fibrous microenvironments and identified using artificial neural networks. Scientific Reports, 2021, 11, 5950.	1.6	13
2581	Cardiac Fibrosis: Key Role of Integrins in Cardiac Homeostasis and Remodeling. Cells, 2021, 10, 770.	1.8	34
2582	14-kDa phosphohistidine phosphatase is a potential therapeutic target for liver fibrosis. American Journal of Physiology - Renal Physiology, 2021, 320, G351-G365.	1.6	4
2583	GPR43 regulates sodium butyrate-induced angiogenesis and matrix remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1066-H1079.	1.5	21
2584	Resident immune cells of the avascular lens: Mediators of the injury and fibrotic response of the lens. FASEB Journal, 2021, 35, e21341.	0.2	18
2585	The Dynamic Interaction between Extracellular Matrix Remodeling and Breast Tumor Progression. Cells, 2021, 10, 1046.	1.8	16
2586	Embryonic protein NODAL regulates the breast tumor microenvironment by reprogramming cancer-derived secretomes. Neoplasia, 2021, 23, 375-390.	2.3	3
2587	Wound Healing Activity of α-Pinene and α-Phellandrene. Molecules, 2021, 26, 2488.	1.7	33
2588	Congenital, acquired, or both? The only two congenitally based, acquired heart diseases. Journal of Cardiac Surgery, 2021, 36, 2850-2856.	0.3	4
2589	Glycation by glyoxal leads to profound changes in the behavior of dermal fibroblasts. BMJ Open Diabetes Research and Care, 2021, 9, e002091.	1.2	14
2590	Cyclin-dependent kinase inhibitor roscovitine attenuates liver inflammation and fibrosis by influencing initiating steps of liver injury. Clinical Science, 2021, 135, 925-941.	1.8	5
2591	An Insight into Synthesis and Anticancer Potential of Thiazole and 4-thiazolidinone Containing Motifs. Current Organic Chemistry, 2021, 25, 819-841.	0.9	6
2592	Fibronectin fibril alignment is established upon initiation of extracellular matrix assembly. Molecular Biology of the Cell, 2021, 32, 739-752.	0.9	9
2593	Matrix Stiffness Modulates Mechanical Interactions and Promotes Contact between Motile Cells. Biomedicines, 2021, 9, 428.	1.4	10
2594	Metastasis-Initiating Cells and Ecosystems. Cancer Discovery, 2021, 11, 971-994.	7.7	134
2595	A modern view of the pathophysiological aspects of the development of chronic heart failure on the background of ischemic heart disease. Emergency Medicine, 2020, 16, 79-86.	0.0	O

#	Article	IF	CITATIONS
2596	The Role of Cell Adhesion and Cytoskeleton Dynamics in the Pathogenesis of the Ehlers-Danlos Syndromes and Hypermobility Spectrum Disorders. Frontiers in Cell and Developmental Biology, 2021, 9, 649082.	1.8	9
2597	Substance P, a Neuropeptide, Promotes Wound Healing via Neurokinin-1 Receptor. International Journal of Lower Extremity Wounds, 2023, 22, 291-297.	0.6	1
2598	Immune Inhibitory Properties and Therapeutic Prospects of Transforming Growth Factor-Beta and Interleukin 10 in Autoimmune Hepatitis. Digestive Diseases and Sciences, 2021, , 1.	1.1	7
2599	Differential Expression of Insulin-Like Growth Factor 1 and Wnt Family Member 4 Correlates With Functional Heterogeneity of Human Dermal Fibroblasts. Frontiers in Cell and Developmental Biology, 2021, 9, 628039.	1.8	3
2600	La relazione struttura-funzione: le interazioni fra stress, immunità e fascia. Pnei Review, 2021, , 71-84.	0.1	0
2601	The adipokine orosomucoid alleviates adipose tissue fibrosis via the AMPK pathway. Acta Pharmacologica Sinica, 2022, 43, 367-375.	2.8	13
2603	MicroRNAs in shaping the resolution phase of inflammation. Seminars in Cell and Developmental Biology, 2022, 124, 48-62.	2.3	18
2604	Collagen denaturation in the infarcted myocardium involves temporally distinct effects of MT1-MMP-dependent proteolysis and mechanical tension. Matrix Biology, 2021, 99, 18-42.	1.5	16
2605	The anatomical sources of neointimal cells in the arteriovenous fistula. Journal of Vascular Access, 2023, 24, 99-106.	0.5	8
2606	Macrophage phenotype and function are dependent upon the composition and biomechanics of the local cardiac tissue microenvironment. Aging, 2021, 13, 16938-16956.	1.4	9
2607	Hypertension Aggravates Atherosclerosis. Journal of the American College of Cardiology, 2021, 77, 2619-2620.	1.2	2
2608	Integrin α4β1 is required for <scp>IL</scp> â€1α―and Nrf2â€dependent, Coxâ€2 induction in fibroblasts, supporting a mechanism that suppresses <scp>αâ€5MA</scp> expression. Wound Repair and Regeneration, 2021, 29, 597-601.	1.5	8
2609	Orphan nuclear receptor COUPâ€₹FII enhances myofibroblast glycolysis leading to kidney fibrosis. EMBO Reports, 2021, 22, e51169.	2.0	16
2610	Preclinical rodent models of cardiac fibrosis. British Journal of Pharmacology, 2022, 179, 882-899.	2.7	12
2611	Sterile Injury Repair and Adhesion Formation at Serosal Surfaces. Frontiers in Immunology, 2021, 12, 684967.	2.2	16
2612	The Roles of Various Prostaglandins in Fibrosis: A Review. Biomolecules, 2021, 11, 789.	1.8	20
2613	FGF10 and Lipofibroblasts in Lung Homeostasis and Disease: Insights Gained From the Adipocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 645400.	1.8	17
2614	Influence of Tumor Microenvironment and Fibroblast Population Plasticity on Melanoma Growth, Therapy Resistance and Immunoescape. International Journal of Molecular Sciences, 2021, 22, 5283.	1.8	27

#	Article	IF	CITATIONS
2615	Simultaneous Targeting Tumor Cells and Cancer-Associated Fibroblasts with a Paclitaxel–Hyaluronan Bioconjugate: In Vitro Evaluation in Non-Melanoma Skin Cancer. Biomedicines, 2021, 9, 597.	1.4	6
2616	Mechanical and Immunological Regulation in Wound Healing and Skin Reconstruction. International Journal of Molecular Sciences, 2021, 22, 5474.	1.8	23
2617	Myofibroblast progeny in wound biology and wound healing studies. Wound Repair and Regeneration, 2021, 29, 531-547.	1.5	37
2618	Attenuating Fibrotic Markers of Patient-Derived Dermal Fibroblasts by Thiolated Lignin Composites. ACS Biomaterials Science and Engineering, 2021, 7, 2212-2218.	2.6	11
2619	HIFâ€1α is necessary for activation and tumourâ€promotion effect of cancerâ€associated fibroblasts in lung cancer. Journal of Cellular and Molecular Medicine, 2021, 25, 5457-5469.	1.6	30
2620	An in vivo confocal microscopy study of corneal changes in patients with systemic sclerosis. Scientific Reports, 2021, 11, 11111.	1.6	3
2622	Combinatorial screen of dynamic mechanical stimuli for predictive control of MSC mechano-responsiveness. Science Advances, 2021, 7, .	4.7	13
2623	<scp>TGF</scp> â€ $\hat{\bf i}^2$ as a driver of fibrosis: physiological roles and therapeutic opportunities. Journal of Pathology, 2021, 254, 358-373.	2.1	98
2624	Autophagy, tissue repair, and fibrosis: a delicate balance. Matrix Biology, 2021, 100-101, 182-196.	1.5	28
2625	Decreased Substrate Stiffness Promotes a Hypofibrotic Phenotype in Cardiac Fibroblasts. International Journal of Molecular Sciences, 2021, 22, 6231.	1.8	8
2627	Signaling pathways in cancer-associated fibroblasts and targeted therapy for cancer. Signal Transduction and Targeted Therapy, 2021, 6, 218.	7.1	242
2628	Mechanical stimulation induces rapid fibroblast proliferation and accelerates the early maturation of human skin substitutes. Biomaterials, 2021, 273, 120779.	5.7	39
2629	Fibroblasts and macrophages: Collaborators in tissue homeostasis. Immunological Reviews, 2021, 302, 86-103.	2.8	29
2630	Multi-functional effects of a nitric oxide-conjugated copolymer for accelerating palatal wound healing. Materials Science and Engineering C, 2021, 125, 112090.	3.8	5
2631	Tumor microenvironment in head and neck squamous cell carcinoma: Functions and regulatory mechanisms. Cancer Letters, 2021, 507, 55-69.	3.2	53
2632	A story of fibers and stress: <scp>Matrixâ€embedded</scp> signals for fibroblast activation in the skin. Wound Repair and Regeneration, 2021, 29, 515-530.	1.5	17
2633	TNF-α induces endothelial–mesenchymal transition promoting stromal development of pancreatic adenocarcinoma. Cell Death and Disease, 2021, 12, 649.	2.7	31
2635	VDAC1 Silencing in Cancer Cells Leads to Metabolic Reprogramming That Modulates Tumor Microenvironment. Cancers, 2021, 13, 2850.	1.7	9

#	Article	IF	CITATIONS
2636	Translational perspectives on cardiac reprogramming. Seminars in Cell and Developmental Biology, 2021, 122, 14-14.	2.3	3
2637	Asthmatic Eosinophils Promote Contractility and Migration of Airway Smooth Muscle Cells and Pulmonary Fibroblasts In Vitro. Cells, 2021, 10, 1389.	1.8	5
2638	Poly(lactideâ€coâ€Îµâ€caprolactone) scaffold promotes equivalent tissue integration and supports skin grafts compared to a predicate collagen scaffold. Wound Repair and Regeneration, 2021, 29, 1035-1050.	1.5	11
2639	Direct Reprogramming of Cardiac Fibroblasts to Repair the Injured Heart. Journal of Cardiovascular Development and Disease, 2021, 8, 72.	0.8	9
2640	Monocyte and macrophage derived myofibroblasts: Is it fate? A review of the current evidence. Wound Repair and Regeneration, 2021, 29, 548-562.	1.5	27
2641	Circle the Cardiac Remodeling With circRNAs. Frontiers in Cardiovascular Medicine, 2021, 8, 702586.	1.1	7
2642	Wild Bitter Melon Extract Regulates LPS-Induced Hepatic Stellate Cell Activation, Inflammation, Endoplasmic Reticulum Stress, and Ferroptosis. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	0.5	16
2643	Asporin inhibits collagen matrixâ€mediated intercellular mechanocommunications between fibroblasts during keloid progression. FASEB Journal, 2021, 35, e21705.	0.2	12
2644	Myofibroblast fate plasticity in tissue repair and fibrosis: Deactivation, apoptosis, senescence and reprogramming. Wound Repair and Regeneration, 2021, 29, 678-691.	1.5	20
2647	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. Biomolecules, 2021, 11, 1095.	1.8	77
2648	Implant Fibrosis and the Underappreciated Role of Myofibroblasts in the Foreign Body Reaction. Cells, 2021, 10, 1794.	1.8	53
2649	Clinicopathological significance and prognostic value of cancer-associated fibroblasts in prostate cancer patients. Urologic Oncology: Seminars and Original Investigations, 2021, 39, 433.e17-433.e23.	0.8	14
2650	Illuminating the effect of beneficial blue light and ROS-modulating enzymes in Dupuytren's disease. PLoS ONE, 2021, 16, e0253777.	1.1	0
2651	CAFs Interacting With TAMs in Tumor Microenvironment to Enhance Tumorigenesis and Immune Evasion. Frontiers in Oncology, 2021, 11, 668349.	1.3	79
2652	A Radiation-Crosslinked Gelatin Hydrogel That Promotes Tissue Incorporation of an Expanded Polytetrafluoroethylene Vascular Graft in Rats. Biomolecules, 2021, 11, 1105.	1.8	6
2653	Mammals fail to regenerate organs when wound contraction drives scar formation. Npj Regenerative Medicine, 2021, 6, 39.	2.5	18
2654	Rosiglitasone and ROCK Inhibitors Modulate Fibrogenetic Changes in TGF-Î ² 2 Treated Human Conjunctival Fibroblasts (HconF) in Different Manners. International Journal of Molecular Sciences, 2021, 22, 7335.	1.8	19
2655	Engineering Bioactive Scaffolds for Skin Regeneration. Small, 2021, 17, e2101384.	5.2	65

#	ARTICLE	IF	CITATIONS
2656	Dupuytren's Disease: An Outcomes-Focused Update. Seminars in Plastic Surgery, 2021, 35, 216-222.	0.8	0
2657	What do cells regulate in soft tissues on short time scales?. Acta Biomaterialia, 2021, 134, 348-356.	4.1	5
2658	Silibinin alleviates silicaâ€induced pulmonary fibrosis: Potential role in modulating inflammation and epithelialâ€mesenchymal transition. Phytotherapy Research, 2021, 35, 5290-5304.	2.8	10
2659	Mechanical and Thermodynamic Properties of Non-Muscle Contractile Tissues: The Myofibroblast and the Molecular Motor Non-Muscle Myosin Type IIA. International Journal of Molecular Sciences, 2021, 22, 7738.	1.8	1
2660	Hooked on heart regeneration: the zebrafish guide to recovery. Cardiovascular Research, 2022, 118, 1667-1679.	1.8	15
2661	The Roles of MicroRNAs in Tendon Healing and Regeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 687117.	1.8	9
2662	Histatin 1 enhanced the speed and quality of wound healing through regulating the behaviour of fibroblast. Cell Proliferation, 2021, 54, e13087.	2.4	15
2663	Biomimicry in 3D printing design: implications for peripheral nerve regeneration. Regenerative Medicine, 2021, 16, 683-701.	0.8	16
2664	Topical application of quercetin improves wound repair and regeneration in diabetic rats. Immunopharmacology and Immunotoxicology, 2021, 43, 536-553.	1.1	18
2665	Platelet heterogeneity enhances blood clot volumetric contraction: An example of asynchrono-mechanical amplification. Biomaterials, 2021, 274, 120828.	5.7	15
2666	GPRC5B promotes collagen production in myofibroblasts. Biochemical and Biophysical Research Communications, 2021, 561, 180-186.	1.0	2
2667	CCM3 is a gatekeeper in focal adhesions regulating mechanotransduction and YAP/TAZ signalling. Nature Cell Biology, 2021, 23, 758-770.	4.6	41
2668	RNA sequencing indicates age-dependent shifts in the cardiac fibroblast transcriptome between fetal, neonatal, and adult developmental ages. Physiological Genomics, 2021, 53, 414-429.	1.0	5
2669	Sensitivity and feasibility of a one-dimensional morphoelastic model for post-burn contraction. Biomechanics and Modeling in Mechanobiology, 2021, 20, 2147-2167.	1.4	3
2670	Cancer-Associated Fibroblasts: Implications for Cancer Therapy. Cancers, 2021, 13, 3526.	1.7	22
2671	Materials and Cytokines in the Healing of Diabetic Foot Ulcers. Advanced Therapeutics, 2021, 4, 2100075.	1.6	18
2672	Vascular Mechanobiology: Homeostasis, Adaptation, and Disease. Annual Review of Biomedical Engineering, 2021, 23, 1-27.	5.7	75
2673	Maintenance of Ligament Homeostasis of Spheroid-Colonized Embroidered and Functionalized Scaffolds after 3D Stretch. International Journal of Molecular Sciences, 2021, 22, 8204.	1.8	7

#	Article	IF	CITATIONS
2674	Immune cells in lens injury repair and fibrosis. Experimental Eye Research, 2021, 209, 108664.	1.2	14
2675	Intra- and intercellular signaling pathways associated with drug-induced cardiac pathophysiology. Trends in Pharmacological Sciences, 2021, 42, 675-687.	4.0	1
2676	Stability of a one-dimensional morphoelastic model for post-burn contraction. Journal of Mathematical Biology, 2021, 83, 24.	0.8	8
2677	Metformin attenuates silica-induced pulmonary fibrosis via AMPK signaling. Journal of Translational Medicine, 2021, 19, 349.	1.8	52
2678	Cancer-associated fibroblasts are associated with poor prognosis in solid type of lung adenocarcinoma in a machine learning analysis. Scientific Reports, 2021, 11, 16779.	1.6	20
2679	Impaired Lymphatic Drainage and Interstitial Inflammatory Stasis in Chronic Musculoskeletal and Idiopathic Pain Syndromes: Exploring a Novel Mechanism. Frontiers in Pain Research, 2021, 2, 691740.	0.9	10
2680	A functional PVA aerogel-based membrane obtaining sutureability through modified electrospinning technology and achieving promising anti-adhesion effect after cardiac surgery. Bioactive Materials, 2022, 10, 355-366.	8.6	8
2681	Ventral stress fibers induce plasma membrane deformation in human fibroblasts. Molecular Biology of the Cell, 2021, 32, 1707-1723.	0.9	2
2682	Fibroblast Activation Protein (FAP)-Targeted CAR-T Cells: Launching an Attack on Tumor Stroma. ImmunoTargets and Therapy, 2021, Volume 10, 313-323.	2.7	59
2683	Metformin and Glaucomaâ€"Review of Anti-Fibrotic Processes and Bioenergetics. Cells, 2021, 10, 2131.	1.8	6
2684	Cx43 mediates changes in myofibroblast contraction and collagen release in human amniotic membrane defects after trauma. Scientific Reports, 2021, 11, 16975.	1.6	5
2685	Photocrosslinking silver nanoparticles–aloe vera–silk fibroin composite hydrogel for treatment of full-thickness cutaneous wounds. International Journal of Energy Production and Management, 2021, 8, rbab048.	1.9	23
2686	SPM Receptor Expression and Localization in Irradiated Salivary Glands. Journal of Histochemistry and Cytochemistry, 2021, 69, 523-534.	1.3	1
2687	Fibrillar biopolymer-based scaffolds to study macrophage-fibroblast crosstalk in wound repair. Biological Chemistry, 2021, 402, 1309-1324.	1.2	3
2688	Emerging strategies against tumor-associated fibroblast for improved the penetration of nanoparticle into desmoplastic tumor. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 165, 75-83.	2.0	8
2689	Therapeutic and diagnostic targeting of fibrosis in metabolic, proliferative and viral disorders. Advanced Drug Delivery Reviews, 2021, 175, 113831.	6.6	17
2690	Haruan Extract (Channa striatus) as an Effective Mediator in Promoting Wound Healing. , 0, , .		0
2691	Fibrotic Changes to Schlemm's Canal Endothelial Cells in Glaucoma. International Journal of Molecular Sciences, 2021, 22, 9446.	1.8	13

#	Article	IF	CITATIONS
2692	The Role of Rho GTPases During Fibroblast Spreading, Migration, and Myofibroblast Differentiation in 3D Synthetic Fibrous Matrices. Cellular and Molecular Bioengineering, 2021, 14, 381-396.	1.0	6
2693	Soapwort (Saponaria officinalis L.) Extract vs. Synthetic Surfactants—Effect on Skin-Mimetic Models. Molecules, 2021, 26, 5628.	1.7	3
2694	Collagen crosslinking: effect on structure, mechanics and fibrosis progression. Biomedical Materials (Bristol), 2021, 16, 062005.	1.7	22
2695	An intermediate state in trans-differentiation with proliferation, metabolic, and epigenetic switching. IScience, 2021, 24, 103057.	1.9	3
2696	Application of ADSCs and their Exosomes in Scar Prevention. Stem Cell Reviews and Reports, 2022, 18, 952-967.	1.7	23
2697	Potential roles of the IL-6 family in conjunctival fibrosis. Experimental Eye Research, 2021, 210, 108708.	1.2	5
2698	Self-Assembled Nanofibrous Marine Collagen Matrix Accelerates Healing of Full-Thickness Wounds. ACS Applied Bio Materials, 2021, 4, 7044-7058.	2.3	7
2699	Keloid fibroblasts have elevated and dysfunctional mechanotransduction signaling that is independent of TGF- $\hat{1}^2$. Journal of Dermatological Science, 2021, 104, 11-20.	1.0	12
2700	Effect of metformin treatment and its time of administration on joint capsular fibrosis induced by mouse knee immobilization. Scientific Reports, 2021, 11, 17978.	1.6	9
2701	Cadherin-11, Sparc-related modular calcium binding protein-2, and Pigment epithelium-derived factor are promising non-invasive biomarkers of kidney fibrosis. Kidney International, 2021, 100, 672-683.	2.6	21
2702	Rotator Cuff Tendon Healing Using Human Dermal Fibroblasts: Histological and Biomechanical Analyses in a Rabbit Model of Chronic Rotator Cuff Tears. American Journal of Sports Medicine, 2021, 49, 3669-3679.	1.9	8
2703	The Multiple Faces of Integrin–ECM Interactions in Inflammatory Bowel Disease. International Journal of Molecular Sciences, 2021, 22, 10439.	1.8	4
2704	Gelsolin is an important mediator of Angiotensin Ilâ€induced activation of cardiac fibroblasts and fibrosis. FASEB Journal, 2021, 35, e21932.	0.2	8
2705	Mechanical Strain Regulates Myofibroblast Differentiation of Human Scleral Fibroblasts by YAP. Frontiers in Physiology, 2021, 12, 712509.	1.3	13
2706	Effect of Microgravity on Endothelial Cell Function, Angiogenesis, and Vessel Remodeling During Wound Healing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 720091.	2.0	25
2707	A Comparative Study of Porcine Small Intestine Submucosa and Cross-Linked Bovine Type I Collagen as a Nerve Conduit. Journal of Hand Surgery Global Online, 2021, 3, 282-288.	0.3	5
2708	Engineering strategies to capture the biological and biophysical tumor microenvironment in vitro. Advanced Drug Delivery Reviews, 2021, 176, 113852.	6.6	13
2709	FAP and FAPI-PET/CT in Malignant and Non-Malignant Diseases: A Perfect Symbiosis?. Cancers, 2021, 13, 4946.	1.7	67

#	Article	IF	CITATIONS
2710	Traditional Chinese medicine as a therapeutic option for cardiac fibrosis: Pharmacology and mechanisms. Biomedicine and Pharmacotherapy, 2021, 142, 111979.	2.5	19
2711	Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation. Pesticide Biochemistry and Physiology, 2021, 178, 104919.	1.6	13
2712	Breathe it in $\hat{a} \in \text{``Spotlight}$ on senescence and regeneration in the lung. Mechanisms of Ageing and Development, 2021, 199, 111550.	2.2	5
2713	Gellan gum-gelatin viscoelastic hydrogels as scaffolds to promote fibroblast differentiation. Materials Science and Engineering C, 2021, 129, 112370.	3.8	6
2714	Defining therapeutic targets for renal fibrosis: Exploiting the biology of pathogenesis. Biomedicine and Pharmacotherapy, 2021, 143, 112115.	2.5	28
2715	New insights into exosome mediated tumor-immune escape: Clinical perspectives and therapeutic strategies. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188624.	3.3	29
2716	Dupuytren Disease., 2022,, 872-882.		0
2717	In vivo printing of growth factor-eluting adhesive scaffolds improves wound healing. Bioactive Materials, 2022, 8, 296-308.	8.6	66
2718	Adipose-derived stem cells for wound healing and fibrosis. , 2022, , 225-255.		0
2719	Coâ€culture of proâ€inflammatory macrophages and myofibroblasts: Evaluating morphological phenotypes and screening the effects of signaling pathway inhibitors. Physiological Reports, 2021, 9, e14704.	0.7	4
2720	Impact of stress, immunity, and signals from endocrine and nervous system on fascia. Frontiers in Bioscience - Elite, 2021, 13, 1.	0.9	7
2721	50ÂYears of Myofibroblasts: How the Myofibroblast Concept Evolved. Methods in Molecular Biology, 2021, 2299, 1-5.	0.4	12
2722	A dynamic microscale mid-throughput fibrosis model to investigate the effects of different ratios of cardiomyocytes and fibroblasts. Lab on A Chip, 2021, 21, 4177-4195.	3.1	13
2723	Lipid Metabolism in Tumor-Associated Fibroblasts. Advances in Experimental Medicine and Biology, 2021, 1316, 117-131.	0.8	4
2724	A Rodent Model of Hypertrophic Scarring: Splinting of Rat Wounds. Methods in Molecular Biology, 2021, 2299, 405-417.	0.4	8
2725	Fibrosis Without Myofibroblasts Revealed by Genetic Analysis of PDGFRα. SSRN Electronic Journal, 0, , .	0.4	0
2726	Cellular Pushing Forces during Mitosis Drive Mitotic Elongation in Collagen Gels. Advanced Science, 2021, 8, 2000403.	5.6	8
2727	Identification of key genes and pathways in scleral extracellular matrix remodeling in glaucoma: Potential therapeutic agents discovered using bioinformatics analysis. International Journal of Medical Sciences, 2021, 18, 1554-1565.	1.1	13

#	Article	IF	CITATIONS
2728	In vivo intervertebral disc deformation: intratissue strain patterns within adjacent discs during flexion–extension. Scientific Reports, 2021, 11, 729.	1.6	14
2729	An Eye on Repair. , 2006, , 118-138.		2
2730	Cytomechanics in Connective Tissue Repair and Engineering. , 2006, , 7-24.		5
2731	Scleroderma Lung Fibroblasts. , 2006, , 25-31.		4
2732	Developmental Biology of Fibroblasts and Neoplastic Disease. , 2005, 40, 55-77.		8
2733	Palatal Wound Healing: The Effects of Scarring on Growth. , 2006, , 301-313.		8
2734	Regulatory Role of TGF- \hat{l}^2 in Cardiac Myofibroblast Function and Post-MI Cardiac Fibrosis: Key Roles of Smad7 and c-Ski. , 2008, , 249-266.		1
2735	Mechanobiology of Fibroblasts. , 2008, , 351-378.		6
2736	Cell-Cell Interactions and the Mechanics of Cells and Tissues Observed in Bioartificial Tissue Constructs., 2011,,75-103.		3
2737	Wound Healing, Chronic Inflammation, and Immune Responses. , 2014, , 109-133.		7
2738	Therapeutic Effects of Adenovirus-Mediated Gene Transfer of TGF- \hat{l}^2 Signal Antagonists on Undesirable Epithelial-Mesenchymal Transition and Neovascularization., 2008,, 367-381.		1
2739	Utility of Induced Pluripotent Stem Cell-Derived Retinal Pigment Epithelium for an In Vitro Model of Proliferative Vitreoretinopathy. Advances in Experimental Medicine and Biology, 2019, 1186, 33-53.	0.8	6
2740	Rho-ROCK Signaling in Normal Physiology and as a Key Player in Shaping the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1223, 99-127.	0.8	17
2741	Fibroblasts in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1234, 15-29.	0.8	59
2742	Biologie der Wundheilung. , 2007, , 1-10.		2
2743	Collagen Processing and its Role in Fibrosis. , 2015, , 261-278.		3
2744	Mechanical and Matrix Regulation of Valvular Fibrosis. , 2015, , 23-53.		3
2745	Chemical Fluxes in Cellular Steady States Measured by Fluorescence Correlation Spectroscopy. Springer Series in Chemical Physics, 2010, , 119-137.	0.2	3

#	Article	IF	CITATIONS
2747	A Primer of Collagen Biology: Synthesis, Degradation, Subtypes, and Role in Dupuytren's Disease. , 2012, , 131-142.		3
2748	The Role of the Myofibroblast in Dupuytren's Disease: Fundamental Aspects of Contraction and Therapeutic Perspectives. , 2012, , 53-60.		2
2749	The fibroblast and myofibroblast in inflammatory angiogenesis. , 2008, , 59-82.		3
2750	The Role of Mechanosensitive Fibroblasts in the Heart: Evidence from Acutely Isolated Single Cells, Cultured Cells and from Intracellular Microelectrode Recordings on Multicellular Preparations from Healthy and Diseased Cardiac Tissue., 2010,, 239-266.		4
2751	Architectural and Functional Aspects of the Liver with Implications for Cancer Metastasis. Cancer Metastasis - Biology and Treatment, $2011, 9-42$.	0.1	6
2752	Cellular mechanisms of skin repair in humans and other mammals. , 2016, 10, 103.		1
2753	Cornea and Sclera. , 2011, , 3-24.		19
2754	Periradicular Surgery. , 2011, , 720-776.		16
2755	Systemic Sclerosis and the Scleroderma-Spectrum Disorders. , 2009, , 1311-1351.		11
2756	Regulators of cardiac fibroblast cell state. Matrix Biology, 2020, 91-92, 117-135.	1.5	37
2757	Cardiac fibroblast diversity in health and disease. Matrix Biology, 2020, 91-92, 75-91.	1.5	27
2758	Fibrose du tissu adipeux chez l'obèse : nouveaux aspects. Bulletin De L'Academie Nationale De Medecine, 2017, 201, 755-763.	0.0	1
2759	New perspectives of the cardiac cellular landscape: mapping cellular mediators of cardiac fibrosis using single-cell transcriptomics. Biochemical Society Transactions, 2020, 48, 2483-2493.	1.6	13
2760			

#	Article	IF	CITATIONS
2769	SLIT3 deficiency attenuates pressure overload–induced cardiac fibrosis and remodeling. JCI Insight, 2020, 5, .	2.3	13
2770	Silencing SMOC2 ameliorates kidney fibrosis by inhibiting fibroblast to myofibroblast transformation. JCI Insight, 2017, 2, .	2.3	48
2771	Injury-induced actin cytoskeleton reorganization in podocytes revealed by super-resolution microscopy. JCI Insight, 2017, 2, .	2.3	65
2772	$\hat{l}\pm v\hat{l}^2$ 3 Integrin drives fibroblast contraction and strain stiffening of soft provisional matrix during progressive fibrosis. JCI Insight, 2018, 3, .	2.3	78
2773	P311 induces a TGF-β1–independent, nonfibrogenic myofibroblast phenotype. Journal of Clinical Investigation, 2002, 110, 1349-1358.	3.9	59
2774	PIK3C $\hat{\Gamma}$ expression by fibroblasts promotes triple-negative breast cancer progression. Journal of Clinical Investigation, 2020, 130, 3188-3204.	3.9	33
2775	Deciphering the cellular interplays underlying obesity-induced adipose tissue fibrosis. Journal of Clinical Investigation, 2019, 129, 4032-4040.	3.9	157
2776	Myofibroblast contraction is essential for generating and regenerating the gas-exchange surface. Journal of Clinical Investigation, 2020, 130, 2859-2871.	3.9	45
2777	Lymph node fibroblastic reticular cells deposit fibrosis-associated collagen following organ transplantation. Journal of Clinical Investigation, 2020, 130, 4182-4194.	3.9	16
2778	P311 induces a TGF-β1–independent, nonfibrogenic myofibroblast phenotype. Journal of Clinical Investigation, 2002, 110, 1349-1358.	3.9	50
2779	Bone marrow–derived progenitor cells in pulmonary fibrosis. Journal of Clinical Investigation, 2004, 113, 243-252.	3.9	365
2780	Bone marrow–derived progenitor cells in pulmonary fibrosis. Journal of Clinical Investigation, 2004, 113, 243-252.	3.9	569
2781	ECM remodeling in hypertensive heart disease. Journal of Clinical Investigation, 2007, 117, 568-575.	3.9	765
2782	Cardiac fibrosis in mice with hypertrophic cardiomyopathy is mediated by non-myocyte proliferation and requires Tgf-l ² . Journal of Clinical Investigation, 2010, 120, 3520-3529.	3.9	372
2783	Inhibition of mechanosensitive signaling in myofibroblasts ameliorates experimental pulmonary fibrosis. Journal of Clinical Investigation, 2013, 123, 1096-1108.	3.9	360
2784	Gray platelet syndrome and defective thrombo-inflammation in Nbeal2-deficient mice. Journal of Clinical Investigation, 2013, 123, 3331-3342.	3.9	151
2785	Resident fibroblast lineages mediate pressure overload–induced cardiac fibrosis. Journal of Clinical Investigation, 2014, 124, 2921-2934.	3.9	497
2786	Cardiac myofibroblast engulfment of dead cells facilitates recovery after myocardial infarction. Journal of Clinical Investigation, 2016, 127, 383-401.	3.9	107

#	ARTICLE	IF	CITATIONS
2787	The fibrotic tumor stroma. Journal of Clinical Investigation, 2018, 128, 16-25.	3.9	189
2788	The balancing act of the liver: tissue regeneration versus fibrosis. Journal of Clinical Investigation, 2018, 128, 85-96.	3.9	148
2789	The innate immune receptor TREM-1 promotes liver injury and fibrosis. Journal of Clinical Investigation, 2018, 128, 4870-4883.	3.9	70
2790	The puzzling pathophysiology of frozen shoulders – a scoping review. Journal of Experimental Orthopaedics, 2020, 7, 91.	0.8	26
2792	Bone Morphogenetic Protein-7 Antagonizes Myocardial Fibrosis Induced by Atrial Fibrillation by Restraining Transforming Growth Factor-β (TGF-β)/Smads Signaling. Medical Science Monitor, 2016, 22, 3457-3468.	0.5	28
2793	Recent advances in the understanding of Dupuytren's disease. F1000Research, 2019, 8, 231.	0.8	25
2794	Toward understanding scarless skin wound healing and pathological scarring. F1000Research, 2019, 8, 787.	0.8	125
2795	Monoclonal antibodies against muscle actin isoforms: epitope identification and analysis of isoform expression by immunoblot and immunostaining in normal and regenerating skeletal muscle. F1000Research, 2016, 5, 416.	0.8	14
2796	Monoclonal antibodies against muscle actin isoforms: epitope identification and analysis of isoform expression by immunoblot and immunostaining in normal and regenerating skeletal muscle. F1000Research, 2016, 5, 416.	0.8	13
2797	Aging, exercise, and extracellular matrix in the heart. Journal of Exercise Rehabilitation, 2013, 9, 338-347.	0.4	91
2798	3D integrated photonics platform with deterministic geometry control. Photonics Research, 2020, 8, 194.	3.4	10
2799	Numerical knockouts–In silico assessment of factors predisposing to thoracic aortic aneurysms. PLoS Computational Biology, 2020, 16, e1008273.	1.5	19
2800	The IL-1-Like Cytokine IL-33 Is Constitutively Expressed in the Nucleus of Endothelial Cells and Epithelial Cells In Vivo: A Novel â€~Alarmin'?. PLoS ONE, 2008, 3, e3331.	1.1	990
2801	Identification of Retinoic Acid in a High Content Screen for Agents that Overcome the Anti-Myogenic Effect of TGF-Beta-1. PLoS ONE, 2010, 5, e15511.	1.1	21
2802	Mechanical Tension Increases CCN2/CTGF Expression and Proliferation in Gingival Fibroblasts via a TGF \hat{l}^2 -Dependent Mechanism. PLoS ONE, 2011, 6, e19756.	1.1	68
2803	Transcriptome Analysis of Epithelial and Stromal Contributions to Mammogenesis in Three Week Prepartum Cows. PLoS ONE, 2011, 6, e22541.	1.1	15
2804	In Vitro Study of Novel Collagenase (XIAFLEX®) on Dupuytren's Disease Fibroblasts Displays Unique Drug Related Properties. PLoS ONE, 2012, 7, e31430.	1.1	50
2805	A Method for Quantifying Mechanical Properties of Tissue following Viral Infection. PLoS ONE, 2012, 7, e42197.	1.1	5

#	Article	IF	CITATIONS
2806	Quiescent Fibroblasts Are More Active in Mounting Robust Inflammatory Responses Than Proliferative Fibroblasts. PLoS ONE, 2012, 7, e49232.	1.1	15
2807	The Mechanical Environment Modulates Intracellular Calcium Oscillation Activities of Myofibroblasts. PLoS ONE, 2013, 8, e64560.	1.1	64
2808	Lumican Accelerates Wound Healing by Enhancing $\hat{l}\pm2\hat{l}^21$ Integrin-Mediated Fibroblast Contractility. PLoS ONE, 2013, 8, e67124.	1.1	49
2809	Asymmetric Migration of Human Keratinocytes under Mechanical Stretch and Cocultured Fibroblasts in a Wound Repair Model. PLoS ONE, 2013, 8, e74563.	1.1	30
2810	Smooth Muscle \hat{l}_{\pm} Actin (Acta2) and Myofibroblast Function during Hepatic Wound Healing. PLoS ONE, 2013, 8, e77166.	1.1	131
2811	Hevin Plays a Pivotal Role in Corneal Wound Healing. PLoS ONE, 2013, 8, e81544.	1.1	13
2812	Cell Adhesion and Shape Regulate TGF-Beta1-Induced Epithelial-Myofibroblast Transition via MRTF-A Signaling. PLoS ONE, 2013, 8, e83188.	1.1	81
2813	Iron Chelation by Deferoxamine Prevents Renal Interstitial Fibrosis in Mice with Unilateral Ureteral Obstruction. PLoS ONE, 2014, 9, e89355.	1.1	68
2814	A Small Peptide with Potential Ability to Promote Wound Healing. PLoS ONE, 2014, 9, e92082.	1.1	68
2815	Accelerated Wound Closure In Vitro by Fibroblasts from a Subgroup of Cleft Lip/Palate Patients: Role of Transforming Growth Factor-α. PLoS ONE, 2014, 9, e111752.	1.1	14
2816	Undifferentiated Bronchial Fibroblasts Derived from Asthmatic Patients Display Higher Elastic Modulus than Their Non-Asthmatic Counterparts. PLoS ONE, 2015, 10, e0116840.	1.1	33
2817	Temporal and Molecular Analyses of Cardiac Extracellular Matrix Remodeling following Pressure Overload in Adiponectin Deficient Mice. PLoS ONE, 2015, 10, e0121049.	1.1	16
2818	Modulation of Human Valve Interstitial Cell Phenotype and Function Using a Fibroblast Growth Factor 2 Formulation. PLoS ONE, 2015, 10, e0127844.	1.1	64
2819	Vimentin Phosphorylation Underlies Myofibroblast Sensitivity to Withaferin A In Vitro and during Corneal Fibrosis. PLoS ONE, 2015, 10, e0133399.	1.1	21
2820	Electric Cell-Substrate Impedance Sensing (ECIS) with Microelectrode Arrays for Investigation of Cancer Cell $\hat{a} \in \text{``Fibroblasts Interaction. PLoS ONE, 2016, 11, e0153813.}$	1.1	37
2821	Loss of TRPV4 Function Suppresses Inflammatory Fibrosis Induced by Alkali-Burning Mouse Corneas. PLoS ONE, 2016, 11, e0167200.	1.1	36
2822	AM251 Suppresses Epithelial-Mesenchymal Transition of Renal Tubular Epithelial Cells. PLoS ONE, 2016, 11, e0167848.	1.1	21
2823	Endogenous Semaphorin-7A Impedes Human Lung Fibroblast Differentiation. PLoS ONE, 2017, 12, e0170207.	1.1	19

#	Article	IF	CITATIONS
2824	General theory of skin reinforcement. PLoS ONE, 2017, 12, e0182865.	1.1	18
2825	TGF- \hat{l}^2 -induced activation of conjunctival fibroblasts is modulated by FGF-2 and substratum stiffness. PLoS ONE, 2020, 15, e0242626.	1.1	15
2826	A strategic expression method of miR-29b and its anti-fibrotic effect based on RNA-sequencing analysis. PLoS ONE, 2020, 15, e0244065.	1.1	8
2827	The stroma reaction myofibroblast: a key player in the control of tumor cell behavior. International Journal of Developmental Biology, 2004, 48, 509-517.	0.3	480
2828	Tripartite motif-containing 35 (TRIM35) is up-regulated in UUO-induced renal fibrosis animal model. Histology and Histopathology, 2020, 35, 1427-1435.	0.5	1
2829	Beneficial effects of cannabinoid receptor type 2 (CB2R) in injured skeletal muscle post-contusion. Histology and Histopathology, 2015, 30, 737-49.	0.5	8
2830	Cyclosporin A-induced gingival overgrowth is not associated with myofibroblast transdifferentiation. Brazilian Oral Research, 2010, 24, 182-188.	0.6	12
2831	Mitochondria-targeted antioxidant SkQ1 improves impaired dermal wound healing in old mice. Aging, 2015, 7, 475-485.	1.4	38
2832	Stromal cells in breast cancer as a potential therapeutic target. Oncotarget, 2018, 9, 23761-23779.	0.8	30
2833	Inhibition of fibroblast secreted QSOX1 perturbs extracellular matrix in the tumor microenvironment and decreases tumor growth and metastasis in murine cancer models. Oncotarget, 2020, 11, 386-398.	0.8	15
2834	Identification of a novel TGF- \hat{l}^2 -miR-122-fibronectin 1/serum response factor signaling cascade and its implication in hepatic fibrogenesis. Oncotarget, 2015, 6, 12224-12233.	0.8	76
2835	Integrated gene and miRNA expression analysis of prostate cancer associated fibroblasts supports a prominent role for interleukin-6 in fibroblast activation. Oncotarget, 2015, 6, 31441-31460.	0.8	55
2836	Dupuytren Disease. Journal of Bone and Joint Surgery - Series A, 2007, 89, 189-198.	1.4	137
2837	Spontaneous unwinding of a labile domain in a collagen triple helix. Journal of Mechanics of Materials and Structures, 2007, 2, 999-1010.	0.4	14
2838	Na+,K+-ATPase as a Target for Treatment of Tissue Fibrosis. Current Medicinal Chemistry, 2019, 26, 564-575.	1.2	11
2839	Transient Receptor Potential (TRP) Channels and Cardiac Fibrosis. Current Topics in Medicinal Chemistry, 2013, 13, 270-282.	1.0	74
2840	Bayes Syndrome and Imaging Techniques. Current Cardiology Reviews, 2017, 13, 263-273.	0.6	4
2841	Mevalonate-Ras Homology (Rho)/Rho-Associated Coiled-Coil-Forming Protein Kinase (ROCK)-Mediated Signaling Pathway as a Therapeutic Target for the Treatment of Endometriosis-Associated Fibrosis. Current Signal Transduction Therapy, 2010, 5, 141-148.	0.3	7

#	Article	IF	CITATIONS
2842	Role of MicroRNAs in Fibrosis. Open Rheumatology Journal, 2012, 6, 130-139.	0.1	144
2843	Mesenchymal Stem Cells Sense Three Dimensional Type I Collagen through Discoidin Domain Receptor 1. Open Stem Cell Journal, 2009, 1, 40-53.	2.0	29
2844	Immortalized Cancer-associated Fibroblasts Promote Prostate Cancer Carcinogenesis, Proliferation and Invasion. Anticancer Research, 2017, 37, 4311-4318.	0.5	6
2845	Functional cell phenotype induction with TGF- \hat{l}^21 and collagen-polyurethane scaffold for annulus fibrosus rupture repair. , 2020, 39, 1-17.		24
2846	Functional genomics in identification of drug targets in Dupuytren's contracture. Frontiers in Bioscience - Landmark, 2010, 15, 57.	3.0	4
2847	Cyclical Cell Stretching of Skin-Derived Fibroblasts Downregulates Connective Tissue Growth Factor (CTGF) Production. Connective Tissue Research, 2009, 50, 323-329.	1.1	9
2848	The Impact of Immune Cells on the Skeletal Muscle Microenvironment During Cancer Cachexia. Frontiers in Physiology, 2020, 11 , 1037 .	1.3	34
2849	Hepatocyte Growth Factor from a Clinical Perspective: A Pancreatic Cancer Challenge. Cancers, 2015, 7, 1785-1805.	1.7	21
2850	Fibrosis: recent advances in myofibroblast biology and new therapeutic perspectives. F1000 Biology Reports, 2010, 2, 78.	4.0	134
2851	Maintenance of radiation-induced intestinal fibrosis: Cellular and molecular features. World Journal of Gastroenterology, 2007, 13, 2675.	1.4	31
2852	Cancer-associated fibroblasts in digestive tumors. World Journal of Gastroenterology, 2014, 20, 17804-17818.	1.4	64
2853	Does pressure cause liver cirrhosis? The sinusoidal pressure hypothesis. World Journal of Gastroenterology, 2016, 22, 10482.	1.4	67
2854	Electroceutical Technology: Anti-Inflammatory Effects Of 40-160 T/S Inductively Coupled Electrical Stimulation (ICES) In The Acute Inflammation Model. The Journal of Science and Medicine, 2020, 2, 1-50.	0.8	1
2855	Murine Excisional Wound Healing Model and Histological Morphometric Wound Analysis. Journal of Visualized Experiments, 2020, , .	0.2	10
2856	Tumor Cells and Cancer-Associated Fibroblasts: A Synergistic Crosstalk to Promote Thyroid Cancer. Endocrinology and Metabolism, 2020, 35, 673-680.	1.3	20
2857	Myocardial fibrosis in congenital and pediatric heart disease. Experimental and Therapeutic Medicine, 2017, 13, 1660-1664.	0.8	31
2859	Resveratrol inhibits hypertrophic scars formation by activating autophagy via the miR-4654/Rheb axis. Molecular Medicine Reports, 2020, 22, 3440-3452.	1.1	8
2860	Investigation of effects of fucoidan polysaccharides extracted from twospecies of Padina on the wound-healing process in the rat. Turkish Journal of Veterinary and Animal Sciences, 2017, 41, 106-117.	0.2	12

#	ARTICLE	IF	CITATIONS
2861	Dupuytren's Disease. Orthopedics, 2012, 35, 52-60.	0.5	22
2862	Hidden keys in stroma: Unlocking the tumor progression. Journal of Oral and Maxillofacial Pathology, 2013, 17, 82.	0.3	17
2863	Myofibroblasts in oral lesions: A review. Journal of Oral and Maxillofacial Pathology, 2014, 18, 52.	0.3	4
2864	Immunohistochemical profiling of Ameloblastomas using cytokeratin, vimentin, smooth muscle actin, CD34 and S100. Annals of Maxillofacial Surgery, 2013, 3, 51.	0.2	11
2865	Long-term follow-up and outcomes of discrete subaortic stenosis resection in children. Annals of Pediatric Cardiology, 2019, 12, 212.	0.2	9
2866	Myofibroblasts: Master of disguise. Journal of Oral and Maxillofacial Pathology, 2017, 21, 462.	0.3	36
2867	Increased survivin expression contributes to apoptosis-resistance in IPF fibroblasts. Advances in Bioscience and Biotechnology (Print), 2012, 03, 657-664.	0.3	61
2868	Constitutive AKT Activity Predisposes Lung Fibrosis by Regulating Macrophage, Myofibroblast and Fibrocyte Recruitment and Changes in Autophagy. Advances in Bioscience and Biotechnology (Print), 2019, 10, 346-373.	0.3	12
2869	The mechanism of esophageal stricture after endoscopic resection: Histological and biomechanical evaluation in a canine model. Annals of Cancer Research and Therapy, 2017, 25, 30-37.	0.1	3
2870	Paclitaxel Coating Inhibits Inflammation Surrounding Subcutaneously Implanted Expanded Polytetrafluoroethylene (ePTFE) Hemodialysis Grafts in Rabbit Model. Bulletin of the Korean Chemical Society, 2010, 31, 281-285.	1.0	5
2871	Myofibroblasts and Transforming Growth Factor-Beta1 in Reactive Gingival Overgrowths. Journal of Oral & Maxillofacial Research, 2013, 4, e3.	0.3	4
2872	Dynamic role of myofibroblasts in oral lesions. World Journal of Clinical Oncology, 2015, 6, 264.	0.9	8
2873	Autotaxin and lysophosphatidic acid signalling in lung pathophysiology. World Journal of Respirology, 2013, 3, 77.	0.5	16
2874	Ankaferd-Induced Early Soft Tissue Wound Healing in an Experimental Rat Model. Turkiye Klinikleri Journal of Medical Sciences, 2013, 33, 1344-1353.	0.1	3
2875	Bevacizumab accelerates corneal wound healing by inhibiting TGF-Î ² expression in alkali-burned mouse cornea. BMB Reports, 2009, 42, 800-805.	1.1	28
2876	Accelerating repaired basement membrane after bevacizumab treatment on alkali-burned mouse cornea. BMB Reports, 2013, 46, 195-200.	1.1	10
2877	Transient receptor potential channel TRPV4 mediates TGF- \hat{l}^21 -induced differentiation of human ventricular fibroblasts. Cardiology Journal, 2020, 27, 162-170.	0.5	15
2878	Novel Insights Into the Role of Inflammation in Promoting Breast Cancer Development. , 0, , .		1

#	Article	IF	Citations
2879	The Contribution of Fibronectin ED-A Expression to Myofibroblast Transdifferentiation in Diabetic Renal Fibrosis. , 0 , , .		1
2880	Human cardiac fibroblasts adaptive responses to controlled combined mechanical strain and oxygen changes in vitro. ELife, 2017, 6, .	2.8	41
2881	Spatial patterning of liver progenitor cell differentiation mediated by cellular contractility and Notch signaling. ELife, $2018, 7, \ldots$	2.8	36
2882	Polarity and epithelial-mesenchymal transition of retinal pigment epithelial cells in proliferative vitreoretinopathy. PeerJ, 2020, 8, e10136.	0.9	28
2883	Effect of Clinacanthus nutans leaf extract on oral mucosal burns and tongue wounds: An in-vivo study. Scientific Dental Journal, 2021, 5, 101.	0.2	0
2884	Multipotent stromal cells: One name, multiple identities. Cell Stem Cell, 2021, 28, 1690-1707.	5.2	73
2885	Global gene expression analysis of systemic sclerosis myofibroblasts demonstrates a marked increase in the expression of multiple NBPF genes. Scientific Reports, 2021, 11, 20435.	1.6	1
2886	Treatment and prevention of ocular motility restrictions with amniotic membrane transplantation. Strabismus, 2021, , 1-15.	0.4	3
2887	Adaptations in Hippo-Yap signaling and myofibroblast fate underlie scar-free ear appendage wound healing in spiny mice. Developmental Cell, 2021, 56, 2722-2740.e6.	3.1	31
2888	Carbon Nanotubes Substrates Alleviate Pro-Calcific Evolution in Porcine Valve Interstitial Cells. Nanomaterials, 2021, 11, 2724.	1.9	5
2889	Role of mononuclear stem cells and decellularized amniotic membrane in the treatment of skin wounds in rats. Tissue Barriers, 2022, 10, 1982364.	1.6	2
2890	Hepatocellular Carcinoma Tumor Microenvironment and Its Implications in Terms of Anti-tumor Immunity: Future Perspectives for New Therapeutics. Journal of Gastrointestinal Cancer, 2021, 52, 1198-1205.	0.6	8
2891	Overcoming TGFÎ ² -mediated immune evasion in cancer. Nature Reviews Cancer, 2022, 22, 25-44.	12.8	122
2892	Pancreatic Cancer Microenvironment and Cellular Composition: Current Understandings and Therapeutic Approaches. Cancers, 2021, 13, 5028.	1.7	27
2893	ELTD1 Activation Induces an Endothelial-EMT Transition to a Myofibroblast Phenotype. International Journal of Molecular Sciences, 2021, 22, 11293.	1.8	6
2894	Fibrillar Collagen: A Review of the Mechanical Modeling of Strain-Mediated Enzymatic Turnover. Applied Mechanics Reviews, 2021, 73, .	4.5	16
2895	Astragalus Polysaccharide Reduces Blood Pressure, Renal Damage, and Dysfunction Through the TGF- \hat{l}^2 1-ILK Pathway. Frontiers in Pharmacology, 2021, 12, 706617.	1.6	11
2896	Aligned nanofiber nerve conduits inhibit alpha smooth muscle actin expression and collagen proliferation by suppressing TGFâ \in 12/SMAD signaling in traumatic neuromas. Experimental and Therapeutic Medicine, 2021, 22, 1414.	0.8	6

#	Article	IF	CITATIONS
2897	ATF3 regulates oxidative stress and extracellular matrix degradation via p38/Nrf2 signaling pathway in pelvic organ prolapse. Tissue and Cell, 2021, 73, 101660.	1.0	7
2898	Method of Cell Transplantation Promoting the Organization of Intraarterial Thrombus. Circulation, 2005, 112, I111-6.	1.6	4
2899	MYOFIBROBLASTS., 2006,, 66-72.		0
2900	Early Fetal Healing As a Model for Adult Organ Regeneration. Tissue Engineering, 2007, .	4.9	0
2901	Refractive surgery revealed through in vivo confocal microscopy., 2007,, 33-51.		0
2902	Cancer-Associated Fibroblasts and the Role of TGF- \hat{l}^2 . , 2008, , 417-441.		0
2903	Stromal Cells and Tumor Milieu: PDGF et al , 2010, , 315-333.		0
2904	Role of Connective Tissue Growth Factor in Cardiac Fibrosis. , 2010, , 121-132.		0
2906	Hepatic Fibrosis and Cirrhosis. Molecular Pathology Library, 2011, , 449-466.	0.1	0
2907	Prinzipien der Wundbehandlung im Handbereich (»Die kleine Handverletzung«)., 2011,, 53-61.		0
2909	Myocardial Cell Death and Regeneration. , 2011, , 66-80.		1
2910	Sphingosine-1-Phosphate-Induced Migration and Differentiation of Human Mesenchymal Stem Cells to Smooth Muscle Cells. Journal of Life Science, 2011, 21, 183-193.	0.2	0
2911	Primary Dupuytren's Disease Cell Interactions with the Extra-cellular Environment: A Link to Disease Progression?. , 2012, , 151-159.		1
2912	Microarray Expression Analysis of Primary Dupuytren's Contracture Cells. , 2012, , 109-113.		0
2914	Pathological Scars (Keloid and Hypertrophic Scars). , 2012, , 97-160.		0
2915	Blood Platelets and Systemic Sclerosis., 0,,.		0
2916	Inhibition of Thrombin as a Novel Strategy in the Treatment of Scleroderma-Associated Interstitial Lung Disease. , 0, , .		0
2917	The Juxtacanalicular Region of Ocular Trabecular Meshwork: A Tissue with a Unique Extracellular Matrix and Specialized Function. Journal of Ocular Biology, 2013, 01, .	1.5	40

#	Article	IF	CITATIONS
2918	Relaxin and its role in fibrotic diseases. Amino Acids, Peptides and Proteins, 2013, , 60-78.	0.7	O
2920	Genome-Wide Analysis of DNA Methylation in Human Amnion. , 2013, , 65-88.		0
2922	Wound and Soft Tissue Complications. , 2014, , 439-448.		0
2924	Bone marrow mesenchymal stem cells for tissue engineered pulmonary valves (TEPV). Journal of Regenerative Medicine & Tissue Engineering, 2014, 3, 2.	1.5	0
2925	Wound Healing and Epithelial–Mesenchymal Transition in the Lens Epithelium: Roles of Growth Factors and Extracellular Matrix. , 2014, , 159-174.		3
2926	Wound Healing in Peripheral Arterial Disease:Current and Future Therapy. Journal of Vascular Medicine & Surgery, 2014, 02, .	0.1	1
2927	Application of a Composite Skin Equivalent using Collagen and Acellular Dermal Matrix as the Scaffold in a Mouse Model of Full-thickness Wound. KSBB Journal, 2014, 29, 42-49.	0.1	0
2928	Dupuytren's Disease. , 2015, , 179-200.		0
2929	Fascia., 2015,, 3-26.		0
2930	Delayed Wound Closure., 2015,, 436-437.		0
2931	Etiology and pathogenesis of systemic sclerosis. , 2015, , 1177-1189.		3
2932	Diverse Cellular Origins of Cardiac Fibroblasts. , 2015, , 125-145.		0
2934	Traction Microscopy., 2015,, 93-114.		0
2936	Zeb2: A novel regulator of cardiac fibroblast to myofibroblast transition. FASEB Journal, 2015, 29, 556.1.	0.2	2
2937	Idiopathic Pulmonary Fibrosis, Opportunities and Challenges. Clinical Anti-Inflammatory and Anti-Allergy Drugs, 2015, 1, 95-98.	0.0	0
2938	Combinatorial Physical Stimulation and Synergistically-Enhanced Fibroblast Differentiation for Skin Regeneration. Journal of the Korean Society for Precision Engineering, 2015, 32, 755-760.	0.1	2
2939	Numeric reconstruction of 2D cellular actomyosin network from substrate displacement. Research on Biomedical Engineering, 2015, 31, 328-333.	1.5	0
2940	Network Analysis and Fine-Mapping GWAS Loci to Identify Genes and Functional Variants Involved in the Development of Dupuytren Disease., 2017,, 105-111.		O

#	Article	IF	CITATIONS
2941	Tumour Necrosis Factor as a Therapeutic Target in Dupuytren Disease., 2017,, 63-71.		2
2942	Controversy: The Contracture in Dupuytren Disease Is an Active Process. , 2017, , 83-87.		0
2943	Inhibitory Effect of Fucoidan on TGF- $\hat{1}^2$ 1-Induced Activation of Human Pulmonary Fibroblasts. Han'guk Susan Hakhoe Chi = Bulletin of the Korean Fisheries Society, 2016, 49, 807-814.	0.1	0
2944	Orthopedische en aanverwante problematiek. , 2017, , 123-160.		0
2945	Therapeutic Role of Antioxidants (AOX) in the Treatment of Infertility., 2017,, 129-150.		1
2946	Cutaneous Fibrosis and Normal Wound Healing. , 2017, , 577-600.		0
2947	Post-Revision Instructions and Pain Relief. Clinical Lactation, 2017, 8, 107-109.	0.2	1
2950	The Pathogenesis of Intraabdominal Adhesions: Similarities and Differences to Luminal Fibrosis. , 2018, , 319-346.		0
2951	Technique of Granulation Tissue Genesis from Diploe. Modern Plastic Surgery, 2018, 08, 9-14.	0.2	2
2954	Corneal Haze, Refractive Surgery, and Implications for Choroidal Neovascularization., 2018,, 439-477.		0
2955	Effect of near infrared lasers and glycated chitosan on myofibroblast differentiation and contraction. , 2018, , .		0
2957	\hat{l} ±-SMA Expression Increased Over Cell Passages and Decreased by Exogenous TGF- \hat{l}^21 , In Vitro Studies on Myofibroblast Derived from Orbital Socket Contracture. Journal of Tropical Life Science, 2018, 8, 200-205.	0.1	0
2959	Modeling of the mesenchymal stem cell microenvironment as a prospective approach to tissue bioengineering and regenerative medicine (a short review). Bulletin of Siberian Medicine, 2018, 17, 217-228.	0.1	3
2961	Basic Science of Vaginal Mesh. , 2019, , 173-194.		0
2962	3D Tissue Model of Cancers. Biomaterials Science Series, 2019, , 294-311.	0.1	0
2963	Nanomaterials for Engineering the Treatment of Skin Wounds. , 2019, , 107-124.		1
2964	Mosaic Mutant Analysis Identifies PDGFR \hat{l} ±/PDGFR \hat{l} 2 As Negative Regulators of Adipogenesis. SSRN Electronic Journal, 0, , .	0.4	0
2965	Precancerous niche (PCN), a product of fibrosis with remodeling by incessant chronic inflammation. 4open, 2019, 2, 11.	0.1	5

#	Article	IF	CITATIONS
2966	Uncertainty Assessment of a Hybrid Cell-Continuum Based Model for Wound Contraction. Lecture Notes in Computational Science and Engineering, 2019, , 247-255.	0.1	0
2967	Stromal Barriers Within the Tumor Microenvironment and Obstacles to Nanomedicine. , 2019, , 57-89.		3
2968	Epidemiology, etiology and pathogenesis of eosinophilic esophagitis. The latest data. Russian Journal of Evidence-Based Gastroenterology, 2019, 8, 50.	0.3	3
2970	Linking myofibroblast generation and microvascular alteration: The role of CD248 from pathogenesis to therapeutic target (Review). Molecular Medicine Reports, 2019, 20, 1488-1498.	1.1	10
2971	Cell-Matrix Interactions in Cardiac Development and Disease. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2020, , 311-342.	0.7	1
2974	Introduction to the Molecular Basis of Liver Stiffness and Its Relation to Mechano-signaling. , 2020, , 631-643.		0
2975	Behandlungsgrundlagen., 2020,, 7-56.		0
2977	Wound healing of the pelvic floor concerning pelvic organ prolapse – What do we know?. , 2020, 99, 374-383.	0.0	1
2978	Cell Surface and Functional Features of Cortical Bone Stem Cells. International Journal of Molecular Sciences, 2021, 22, 11849.	1.8	0
2979	Application of 7.0 T ultra-high-field MRI in evaluating the structure and function of the right ventricle of the heart in rats under a chronic hypoxic environment at high altitude. Annals of Translational Medicine, 2021, 9, 1585-1585.	0.7	5
2980	Targeting Fibroblasts in Fibrosis and Cancer. RSC Drug Discovery Series, 2020, , 307-339.	0.2	0
2982	Effects of 0.4% ripasudil hydrochloride hydrate on morphological changes in rabbit eyes. International Journal of Ophthalmology, 2019, 12, 1637-1642.	0.5	2
2983	Management of Common Tendinopathies in Basketball. , 2020, , 491-507.		0
2984	Ultrastructural study of the three-dimensional tenocyte network in newly hatched chick Achilles tendons using serial block face-scanning electron microscopy. Journal of Veterinary Medical Science, 2020, 82, 948-954.	0.3	2
2985	Die Techniken des Liedler-Konzeptes. , 2020, , 131-150.		0
2986	Botulinum Toxin Type A and Its Possible Mechanisms on Wound Healing. Modern Plastic Surgery, 2020, 10, 38-55.	0.2	1
2987	Comparison of expression of myofibroblasts in normal oral mucosa, oral epithelial dysplasia, and oral squamous cell carcinoma using \hat{l}_{\pm} -SMA and vimentin: An immunohistochemical study. Journal of Family Medicine and Primary Care, 2020, 9, 4368.	0.3	3
2988	Emerging Role of CXCR4 in Fibrosis. RSC Drug Discovery Series, 2020, , 211-234.	0.2	0

#	Article	IF	Citations
2990	Basic Muscle Physiology in Relation to Hamstring Injury and Repair., 2020,, 31-63.		1
2991	Mechanotransduction and NF1 Loss—Partner in Crime: New Hints for Neurofibroma Genesis. , 2020, , 149-164.		0
2992	Die Rolle von Schmerz im Liedler-Konzept. , 2020, , 83-103.		0
2993	Junge Narben– Alte Narben: Wie das Narbenalter die Therapie beeinflusst. , 2020, , 105-111.		0
2994	BH3 Mimetic Drugs for Anti-fibrotic Therapy. RSC Drug Discovery Series, 2020, , 235-258.	0.2	0
2995	Stem Cell Therapy in Wound Care. Updates in Clinical Dermatology, 2020, , 129-137.	0.1	0
2996	What Goes Wrong from a Mare Healthy Endometrium to Endometrosis?. , 2020, , 528-540.		0
2997	A prognostic fibroblast-related risk signature in colorectal cancer. Aging, 2021, 13, 24251-24270.	1.4	1
2998	A deep learning approach to identify and segment alpha-smooth muscle actin stress fiber positive cells. Scientific Reports, 2021, 11, 21855.	1.6	5
2999	Molecular alterations due to <i>Col5a1</i> haploinsufficiency in a mouse model of classic Ehlers–Danlos syndrome. Human Molecular Genetics, 2022, 31, 1325-1335.	1.4	1
3000	Fibroblast to myofibroblast transition is enhanced by increased cell density. Molecular Biology of the Cell, 2021, 32, ar41.	0.9	17
3001	Development and Characterization of Alkaline Phosphatase-Positive Human Umbilical Cord Perivascular Cells. Cells, 2021, 10, 3011.	1.8	2
3004	The Concept of Compartmentalization in Signaling by Reactive Oxygen Species. , 2003, , 291-310.		2
3006	How Strong is the Beating of Cardiac Myocytes? – The Cell Drum Solution. , 2008, , 351-369.		0
3008	Technical advance: The use of tree shrews as a model of pulmonary fibrosis. PLoS ONE, 2020, 15, e0241323.	1.1	4
3009	Epithelial-mesenchymal transitions and the intersecting cell fate of fibroblasts and metastatic cancer cells. Transactions of the American Clinical and Climatological Association, 2003, 114, 87-100; discussion 100-1.	0.9	4
3011	Localization of TGF-beta type II receptor and ED-A fibronectin in normal conjunctiva and failed filtering blebs. Molecular Vision, 2008, 14, 136-41.	1.1	21
3012	Substrate properties influence calcification in valvular interstitial cell culture. Journal of Heart Valve Disease, 2008, 17, 689-99.	0.5	72

#	Article	IF	CITATIONS
3013	Suppression of injury-induced epithelial-mesenchymal transition in a mouse lens epithelium lacking tenascin-C. Molecular Vision, 2010, 16, 1194-205.	1.1	19
3015	Cancer associated fibroblasts: the dark side of the coin. American Journal of Cancer Research, 2011, 1, 482-97.	1.4	269
3018	Plasminogen activator inhibitor-1: the double-edged sword in apoptosis. Thrombosis and Haemostasis, 2008, 100, 1029-36.	1.8	39
3019	The Juxtacanalicular Region of Ocular Trabecular Meshwork: A Tissue with a Unique Extracellular Matrix and Specialized Function. Journal of Ocular Biology, 2013, 1, 3.	1.5	61
3021	Outstaying their Welcome: The Persistent Myofibroblast in IPF. , 2014, 1, 3.		4
3022	MicroRNA-29 mediates TGF \hat{l}^21 -induced extracellular matrix synthesis by targeting wnt/ \hat{l}^2 -catenin pathway in human orbital fibroblasts. International Journal of Clinical and Experimental Pathology, 2014, 7, 7571-7.	0.5	28
3023	The role of myofibroblasts in wound healing, contraction and its clinical implications in cleft palate repair. Journal of International Oral Health, 2015, 7, 75-80.	0.0	13
3024	The burn disease: a disease of great value in the cultural heritage of plastic surgery. Annals of Burns and Fire Disasters, 2014, 27, 61-9.	0.3	1
3025	Fibroblast ERl^\pm promotes bladder cancer invasion via increasing the CCL1 and IL-6 signals in the tumor microenvironment. American Journal of Cancer Research, 2015, 5, 1146-57.	1.4	22
3026	TGF- \hat{l}^2 2 stimulates Tenon's capsule fibroblast proliferation in patients with glaucoma via suppression of miR-29b expression regulated by Nrf2. International Journal of Clinical and Experimental Pathology, 2015, 8, 4799-806.	0.5	16
3027	Squamous cell carcinoma of the lung with highly proliferating fibromatosis-like stroma: a rare phenomenon. International Journal of Clinical and Experimental Pathology, 2015, 8, 5870-6.	0.5	5
3028	Puerarin inhibits cardiac fibrosis via monocyte chemoattractant protein (MCP)-1 and the transforming growth factor \hat{l}^2 1 (TGF \hat{l}^2 1) pathway in myocardial infarction mice. American Journal of Translational Research (discontinued), 2016, 8, 4425-4433.	0.0	14
3029	Exploring the villus. Gastroenterology and Hepatology From Bed To Bench, 2018, 11, 181-190.	0.6	12
3030	Inhibitory Effects of Short-Chain Fatty Acids and ω-3 Polyunsaturated Fatty Acids on Profibrotic Factors in Dermal Fibroblasts. Eplasty, 2019, 19, e4.	0.4	4
3031	TGF- \hat{l}^2 1/Smad3 signaling promotes collagen synthesis in pulmonary artery smooth muscle by down-regulating miR-29b. International Journal of Clinical and Experimental Pathology, 2018, 11, 5592-5601.	0.5	5
3033	Sulforaphane modulates $TGF\hat{1}^22$ -induced conjunctival fibroblasts activation and fibrosis by inhibiting PI3K/Akt signaling. International Journal of Ophthalmology, 2020, 13, 1505-1511.	0.5	1
3035	A longitudinal immunohistochemical study of the healing of experimental aneurysms after embolization with platinum coils. American Journal of Neuroradiology, 2006, 27, 736-41.	1.2	28
3036	Fibrotic diseases. , 2022, , 27-85.		1

#	Article	IF	CITATIONS
3039	Sportverletzungen und SportschÄ d en. , 2022, , 305-311.		0
3040	Acceleration of chronic wound healing by bio-inorganic polyphosphate: <i>In vitro</i> studies and first clinical applications. Theranostics, 2022, 12, 18-34.	4.6	21
3041	The myofibroblast: Role in fibrosis development. , 2022, , 87-97.		0
3042	<pre><scp>ELF3</scp> Mediates <scp>IL</scp>-1î± Induced Differentiation of Mesenchymal Stem Cells to Inflammatory <scp>iCAFs</scp>. Stem Cells, 2021, 39, 1766-1777.</pre>	1.4	12
3043	Targeting Tumor-Stromal Interactions in Pancreatic Cancer: Impact of Collagens and Mechanical Traits. Frontiers in Cell and Developmental Biology, 2021, 9, 787485.	1.8	25
3044	Epigenetic Repression of Chloride Channel Accessory 2 Transcription in Cardiac Fibroblast: Implication in Cardiac Fibrosis. Frontiers in Cell and Developmental Biology, 2021, 9, 771466.	1.8	11
3045	Pathogenic Mechanisms Underlying Idiopathic Pulmonary Fibrosis. Annual Review of Pathology: Mechanisms of Disease, 2022, 17, 515-546.	9.6	174
3046	Adipose Tissue Fibrosis in Obesity: Etiology and Challenges. Annual Review of Physiology, 2022, 84, 135-155.	5.6	49
3047	Melanoma Immunotherapy and Precision Medicine in the Era of Tumor Micro-Tissue Engineering: Where Are We Now and Where Are We Going?. Cancers, 2021, 13, 5788.	1.7	3
3048	Light-regulated nitric oxide release from hydrogel-forming microneedles integrated with graphene oxide for biofilm-infected-wound healing. Materials Science and Engineering C, 2022, 134, 112555.	3.8	22
3049	3D in vitro M2 macrophage model to mimic modulation of tissue repair. Npj Regenerative Medicine, 2021, 6, 83.	2.5	34
3050	Disease modeling of pulmonary fibrosis using human pluripotent stem cell-derived alveolar organoids. Stem Cell Reports, 2021, 16, 2973-2987.	2.3	36
3051	Pneumosclerotic changes in lung tissues as a sign of tumor transformation in workers of the main professions of coal mines. Meditsina Truda I Promyshlennaia Ekologiia, 2021, 61, 647-654.	0.1	0
3052	Blockade of the natriuretic peptide clearance receptor attenuates proteinuria in a mouse model of focal segmental glomerulosclerosis. Physiological Reports, 2021, 9, e15095.	0.7	1
3054	Dexmedetomidine Promotes Lipopolysaccharide-Induced Differentiation of Cardiac Fibroblasts and Collagen I/III Synthesis through α2A Adrenoreceptor-Mediated Activation of the PKC-p38-Smad2/3 Signaling Pathway in Mice. International Journal of Molecular Sciences, 2021, 22, 12749.	1.8	5
3055	Keratinocyte and Fibroblast Wound Healing In Vitro Is Repressed by Non-Optimal Conditions but the Reparative Potential Can Be Improved by Water-Filtered Infrared A. Biomedicines, 2021, 9, 1802.	1.4	13
3056	Fibroblasts, Fibrosis and Autophagy. , 2022, , 117-130.		0
3057	Structural Biology of the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2021, 1350, 91-100.	0.8	6

#	Article	IF	CITATIONS
3058	Therapeutic implications of exosomes in the treatment of radiation injury. Burns and Trauma, 2022, 10, tkab043.	2.3	7
3060	Comment on "Tensional homeostasis at different length scalesâ€-by D. Stamenović and M. L. Smith, <i>Soft Matter</i> , 2021, 17 , 10274–10285, DOI: 10.1039/D0SM01911A. Soft Matter, 2022, 18, 675-	-6 79 .	O
3061	Emerging Role of Cancer-Associated Fibroblasts-Derived Exosomes in Tumorigenesis. Frontiers in Immunology, 2021, 12, 795372.	2.2	27
3062	Sulforaphane modulates TGFÎ ² 2-induced conjunctival fibroblasts activation and fibrosis by inhibiting PI3K/Akt signaling. International Journal of Ophthalmology, 2020, 13, 1505-1511.	0.5	4
3063	Immunohistochemical evaluation of myofibroblasts in oral epithelial dysplasia and oral squamous cell carcinoma. Journal of Oral and Maxillofacial Pathology, 2021, 25, 494.	0.3	2
3064	The therapeutic potential of MSC-EVs as a bioactive material for wound healing. Engineered Regeneration, 2021, 2, 182-194.	3.0	15
3065	Novel Techniques Targeting Fibroblasts after Ischemic Heart Injury. Cells, 2022, 11, 402.	1.8	3
3066	From local to global matrix organization by fibroblasts: a 4D laser-assisted bioprinting approach. Biofabrication, 2022, 14, 025006.	3.7	14
3067	Wound Healing from an Actin Cytoskeletal Perspective. Cold Spring Harbor Perspectives in Biology, 2022, , a041235.	2.3	5
3068	Role of Fibroblasts and Myofibroblasts on the Pathogenesis and Treatment of Pelvic Organ Prolapse. Biomolecules, 2022, 12, 94.	1.8	28
3069	Vitamin D status in Dupuytren's disease: Association with clinical status and vitamin D receptor expression. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 1916-1922.	0.5	0
3070	Tissue regeneration: Fetal to adult transition. , 2022, , 77-100.		2
3071	Self-assisted wound healing using piezoelectric and triboelectric nanogenerators. Science and Technology of Advanced Materials, 2022, 23, 1-16.	2.8	32
3072	Multiscale mechanobiology: Coupling models of adhesion kinetics and nonlinear tissue mechanics. Biophysical Journal, 2022, 121, 525-539.	0.2	15
3073	Effect of Microgroove Structure in PDMS-Based Silicone Implants on Biocompatibility. Frontiers in Bioengineering and Biotechnology, 2021, 9, 793778.	2.0	3
3074	Bioinspired Andrias davidianus-Derived wound dressings for localized drug-elution. Bioactive Materials, 2022, 15, 482-494.	8.6	9
3075	Studying Activated Fibroblast Phenotypes and Fibrosisâ€Linked Mechanosensing Using 3D Biomimetic Models. Macromolecular Bioscience, 2022, 22, e2100450.	2.1	4
3076	The Regulation Mechanisms and Clinical Application of MicroRNAs in Myocardial Infarction: A Review of the Recent 5 Years. Frontiers in Cardiovascular Medicine, 2021, 8, 809580.	1.1	10

#	Article	IF	CITATIONS
3077	Inhibition of renal fibrosis with a human CXCL9â€derived glycosaminoglycanâ€binding peptide. Clinical and Translational Immunology, 2022, 11, e1370.	1.7	2
3078	Loureirin B alleviates cardiac fibrosis by suppressing Pin1/TGF- \hat{l}^2 1 signaling. European Journal of Pharmacology, 2022, 918, 174791.	1.7	1
3079	Metabolic labeling of secreted matrix to investigate cell–material interactions in tissue engineering and mechanobiology. Nature Protocols, 2022, 17, 618-648.	5. 5	14
3080	Bioactive Materials Promote Wound Healing through Modulation of Cell Behaviors. Advanced Science, 2022, 9, e2105152.	5.6	94
3081	Understanding Pulmonary Autograft Remodeling After the Ross Procedure: Stick to the Facts. Frontiers in Cardiovascular Medicine, 2022, 9, 829120.	1.1	6
3082	New Insights and Emerging Therapeutic Approaches in Prostate Cancer. Frontiers in Endocrinology, 2022, 13, 840787.	1.5	6
3083	Novel preparation of bilirubin-encapsulated pluronic F-127 nanoparticles as a potential biomaterial for wound healing. European Journal of Pharmacology, 2022, 919, 174809.	1.7	9
3084	Daidzein suppresses TGF-β1-induced cardiac fibroblast activation via the TGF-β1/SMAD2/3 signaling pathway. European Journal of Pharmacology, 2022, 919, 174805.	1.7	16
3085	Wound healing and regeneration in spiny mice (Acomys cahirinus). Current Topics in Developmental Biology, 2022, 148, 139-164.	1.0	2
3087	Application of Wharton jelly-derived mesenchymal stem cells in patients with pulmonary fibrosis. Stem Cell Research and Therapy, 2022, 13, 71.	2.4	13
3088	A Retrospective Study of Posttransplant Amiodarone Exposition on Clad Development and Survival After Lung Transplantation. Transplantation Proceedings, 2022, 54, 789-794.	0.3	2
3089	Dermal Î \pm SMA ⁺ myofibroblasts orchestrate skin wound repair via Î 2 1 integrin and independent of type I collagen production. EMBO Journal, 2022, 41, e109470.	3.5	26
3090	Mechanical Stretching Can Modify the Papillary Dermis Pattern and Papillary Fibroblast Characteristics during Skin Regeneration. Journal of Investigative Dermatology, 2022, 142, 2384-2394.e8.	0.3	7
3091	Pediatric Non-Myofibroblastic Primitive Spindle Cell Tumors with <i>ALK</i> Gene Rearrangements and Response to Crizotinib. International Journal of Surgical Pathology, 2022, 30, 706-715.	0.4	3
3092	Decellularized Tissues for Wound Healing: Towards Closing the Gap Between Scaffold Design and Effective Extracellular Matrix Remodeling. Frontiers in Bioengineering and Biotechnology, 2022, 10, 821852.	2.0	42
3093	Pleiotropic Long-Term Effects of Atorvastatin on Posttraumatic Joint Contracture in a Rat Model. Pharmaceutics, 2022, 14, 523.	2.0	3
3094	Polarization of human gingival fibroblasts by Th1â€, Th2â€, Th17â€, and Tregâ€derived cytokines. Journal of Periodontal Research, 2022, 57, 487-501.	1.4	5
3095	Scoping review and interpretation of myofascial pain/fibromyalgia syndrome: An attempt to assemble a medical puzzle. PLoS ONE, 2022, 17, e0263087.	1.1	16

#	ARTICLE	IF	CITATIONS
3096	Perioperative Use of Antifibrotic Medications Associated With Lower Rate of Manipulation After Primary TKA: An Analysis of 101,366 Patients. Journal of Arthroplasty, 2022, 37, S1010-S1015.e1.	1.5	6
3097	A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. Cell Reports, 2022, 38, 110522.	2.9	7
3098	Cell Differentiation Trajectory in Liver Cirrhosis Predicts Hepatocellular Carcinoma Prognosis and Reveals Potential Biomarkers for Progression of Liver Cirrhosis to Hepatocellular Carcinoma. Frontiers in Genetics, 2022, 13, 858905.	1.1	2
3099	At the Intersection of Cardiology and Oncology: $TGF\hat{l}^2$ as a Clinically Translatable Therapy for TNBC Treatment and as a Major Regulator of Post-Chemotherapy Cardiomyopathy. Cancers, 2022, 14, 1577.	1.7	1
3100	Focusing on Mechanoregulation Axis in Fibrosis: Sensing, Transduction and Effecting. Frontiers in Molecular Biosciences, 2022, 9, 804680.	1.6	7
3101	Research update of adipose tissue-based therapies in regenerative dermatology. Stem Cell Reviews and Reports, 2022, 18, 1956-1973.	1.7	8
3102	Adventitial Fibroblasts in Aortic Aneurysm: Unraveling Pathogenic Contributions to Vascular Disease. Diagnostics, 2022, 12, 871.	1.3	11
3103	Hyperglycemia attenuates fibroblast contractility via suppression of TβRII receptor modulated α-smooth muscle actin expression. Biotechnology and Biotechnological Equipment, 2022, 36, 35-44.	0.5	3
3104	Smart piezoelectric biomaterials for tissue engineering and regenerative medicine: a review. Biomedizinische Technik, 2022, 67, 71-88.	0.9	13
3105	Biological Differences Between Ovarian Cancer-associated Fibroblasts and Contralateral Normal Ovary-derived Mesenchymal Stem Cells. Anticancer Research, 2022, 42, 1729-1737.	0.5	1
3106	Results of osteopathic correction in children and adolescents with undifferentiated connective tissue dysplasia. Russian Osteopathic Journal, 2022, , 49-59.	0.1	2
3107	Paracrine effects of adipose-derived stem cells in cutaneous wound healing in streptozotocin-induced diabetic rats. Journal of Wound Care, 2022, 31, S29-S38.	0.5	4
3108	The Long Noncoding RNA <i>LINC00963</i> Inhibits Corneal Fibrosis Scar Formation by Targeting <i>miR-143-3p</i> . DNA and Cell Biology, 2022, , .	0.9	6
3109	Pirfenidone Has Anti-fibrotic Effects in a Tissue-Engineered Model of Human Cardiac Fibrosis. Frontiers in Cardiovascular Medicine, 2022, 9, 854314.	1.1	16
3110	Optimization of Titanium Dental Mesh Surfaces for Biological Sealing and Prevention of Bacterial Colonization. Materials, 2022, 15, 2651.	1.3	0
3111	Insulin facilitates corneal wound healing in the diabetic environment through the RTK-PI3K/Akt/mTOR axis in vitro. Molecular and Cellular Endocrinology, 2022, 548, 111611.	1.6	6
3112	An Overview of the Role of Mechanical Stretching in the Progression of Lung Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 781828.	1.8	10
3113	Intraperitoneal microbial contamination drives post-surgical peritoneal adhesions by mesothelial EGFR-signaling. Nature Communications, 2021, 12, 7316.	5.8	22

#	Article	IF	CITATIONS
3114	The Hexosamine Biosynthetic Pathway Links Innate Inflammation With Epithelial-Mesenchymal Plasticity in Airway Remodeling. Frontiers in Pharmacology, 2021, 12, 808735.	1.6	8
3115	Hyaluronic acid based nanomedicines as promising wound healers for acute-to-chronic wounds: a review of recent updates and emerging trends. International Journal of Polymeric Materials and Polymeric Biomaterials, 2023, 72, 252-270.	1.8	2
3116	Construction and Validation of a Combined Ferroptosis and Hypoxia Prognostic Signature for Hepatocellular Carcinoma. Frontiers in Molecular Biosciences, 2021, 8, 809672.	1.6	12
3117	Fibrocytes: A Critical Review and Practical Guide. Frontiers in Immunology, 2021, 12, 784401.	2.2	15
3118	Liver Fibrosis: Underlying Mechanisms and Innovative Therapeutic Approach. A Review Article. Biomedical and Pharmacology Journal, 2021, 14, 1841-1862.	0.2	0
3119	Biological features of canine cancer-associated fibroblasts and their influence on cancer cell invasion. Journal of Veterinary Medical Science, 2022, 84, 784-791.	0.3	1
3120	The conditioned medium from mesenchymal stromal cells pretreated with proinflammatory cytokines promote fibroblasts migration and activation. PLoS ONE, 2022, 17, e0265049.	1.1	6
3121	Cardiac Mesenchymal Stem Cells Promote Fibrosis and Remodeling in HeartÂFailure. JACC Basic To Translational Science, 2022, 7, 465-483.	1.9	8
3122	Genital Wound Repair and Scarring. Medical Sciences (Basel, Switzerland), 2022, 10, 23.	1.3	2
3123	Fibroblasts orchestrate cellular crosstalk in the heart through the ECM. , 2022, 1, 312-321.		10
3124	When healing turns into killing $\hat{a} \in \text{``the pathophysiology of pancreatic and hepatic fibrosis. Journal of Physiology, 2022, 600, 2579-2612.}$	1.3	9
3125	Modulatory effects of cell–cell interactions between porcine skeletal muscle satellite cells and fibroblasts on the expression of myogenesis-related genes. Journal of Applied Animal Research, 2022, 50, 259-268.	0.4	3
3144			
	MED1 Deficiency in Macrophages Aggravates Isoproterenol-Induced Cardiac Fibrosis in Mice. American Journal of Pathology, 2022, 192, 1016-1027.	1.9	4
3145		0.3	6
	Journal of Pathology, 2022, 192, 1016-1027. The behaviour of the periosteum during callotasis. Journal of Pediatric Orthopaedics Part B, 2003, 12,		
3145	Journal of Pathology, 2022, 192, 1016-1027. The behaviour of the periosteum during callotasis. Journal of Pediatric Orthopaedics Part B, 2003, 12, 277-83. Molecular profiling of oral squamous cell carcinoma associated with oral submucous fibrosis.	0.3	6
3145 3148	Journal of Pathology, 2022, 192, 1016-1027. The behaviour of the periosteum during callotasis. Journal of Pediatric Orthopaedics Part B, 2003, 12, 277-83. Molecular profiling of oral squamous cell carcinoma associated with oral submucous fibrosis. Journal of Cancer Research and Therapeutics, 2022, 18, 55-65. Mechanosensor YAP Cooperates with TGF-Î'1 Signaling to Promote Myofibroblast Differentiation and	0.3	0

#	Article	IF	CITATIONS
3152	Cancerâ€associated fibroblasts in breast cancer: Challenges and opportunities. Cancer Communications, 2022, 42, 401-434.	3.7	56
3153	Selective bromodomain and extra-terminal bromodomain inhibitor inactivates macrophages and hepatic stellate cells to inhibit liver inflammation and fibrosis. Bioengineered, 2022, 13, 10914-10930.	1.4	4
3154	Fibroblasts in Scar Formation: Biology and Clinical Translation. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	1.9	10
3155	Asiaticoside Combined With Carbon Ion Implantation to Improve the Biocompatibility of Silicone Rubber and to Reduce the Risk of Capsule Contracture. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	2.0	0
3156	Myofibroblasts, B Cells, and Mast Cells in Different Types of Long-Standing Acne Scars. Skin Appendage Disorders, 2022, 8, 469-475.	0.5	2
3157	Topical bilirubin-deferoxamine hastens excisional wound healing by modulating inflammation, oxidative stress, angiogenesis, and collagen deposition in diabetic rats. Journal of Tissue Viability, 2022, 31, 474-484.	0.9	4
3158	Exosome-mediated aptamer S58 reduces fibrosis in a rat glaucoma filtration surgery model. International Journal of Ophthalmology, 2022, 15, 690-700.	0.5	6
3159	Dental Pulp Fibroblast: A Star Cell. Journal of Endodontics, 2022, 48, 1005-1019.	1.4	10
3160	Galectin 1â€"A Key Player between Tissue Repair and Fibrosis. International Journal of Molecular Sciences, 2022, 23, 5548.	1.8	13
3161	Reversing insufficient photothermal therapy-induced tumor relapse and metastasis by regulating cancer-associated fibroblasts. Nature Communications, 2022, 13, 2794.	5 . 8	84
3162	Nucleotide- and Protein-Dependent Functions of <i>Actg1</i> . Molecular Biology of the Cell, 2022, 33, mbcE22020054.	0.9	4
3163	Cancerâ€associated fibroblasts in nonsmall cell lung cancer: From molecular mechanisms to clinical implications. International Journal of Cancer, 2022, 151, 1195-1215.	2.3	15
3164	The Effect of Aerobic Exercise Training and Eugenol Supplementation on the Wnt, TGF-β, and Beta-Catenin gene Expression in Myocardial Tissue of Poisoned Rats Induced by Chlorpyrifos. Thrita, 2022, In Press, .	0.4	0
3165	Mechanical Stimulation as Both the Cause and the Cure of Tendon and Ligament Injuries. Physiology in Health and Disease, 2022, , 359-386.	0.2	2
3169	Single-Cell Transcriptomics Uncover Key Regulators of Skin Regeneration in Human Long-Term Mechanical Stretch-Mediated Expansion Therapy. Frontiers in Cell and Developmental Biology, 2022, 10,	1.8	4
3170	MicroRNA-365a/b-3p as a Potential Biomarker for Hypertrophic Scars. International Journal of Molecular Sciences, 2022, 23, 6117.	1.8	2
3172	Granulation Tissue as a Type of Connective Tissue (Review). Journal of Medical and Biological Research, 2022, , 167-179.	0.2	0
3173	Morphological and histological changes in the urethra after intraurethral nonablative erbium YAG laser therapy: an experimental study in beagle dogs. Lasers in Medical Science, 2022, 37, 3137-3146.	1.0	2

#	Article	IF	CITATIONS
3174	RAB42 is a Potential Biomarker that Correlates With Immune Infiltration in Hepatocellular Carcinoma. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	2
3175	Receptor, Signal, Nucleus, Action: Signals That Pass through Akt on the Road to Head and Neck Cancer Cell Migration. Cancers, 2022, 14, 2606.	1.7	1
3176	Models and Techniques to Study Aortic Valve Calcification in Vitro, ex Vivo and in Vivo. An Overview. Frontiers in Pharmacology, 2022, 13, .	1.6	6
3177	Beyond the Scar: A Basic Science Review of Wound Remodeling. Advances in Wound Care, 2023, 12, 57-67.	2.6	10
3178	Mesh deformation: A mechanism underlying polypropylene prolapse mesh complications in vivo. Acta Biomaterialia, 2022, 148, 323-335.	4.1	8
3181	Role of Circulating Hematopoietic Fibrocytes in Chronic Hepatitis C Patients Induced Liver Fibrosis. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 1222-1229.	0.1	0
3182	The Dynamic Nature of Human Dermal Fibroblasts Is Defined by Marked Variation in the Gene Expression of Specific Cytoskeletal Markers. Life, 2022, 12, 935.	1.1	3
3183	Silver nanoparticles induced hepatoxicity via the apoptotic/antiapoptotic pathway with activation of TGF \hat{l}^2 -1 and \hat{l}_\pm -SMA triggered liver fibrosis in Sprague Dawley rats. Environmental Science and Pollution Research, 2022, 29, 80448-80465.	2.7	10
3184	The effect of platelet-rich fibrin on wound healing following strabismus surgery. Cutaneous and Ocular Toxicology, 0, , 1-6.	0.5	0
3185	Analysis of morphological changes in gallbladder walls after endoscopic bile duct decompression. Rossiiskii Meditsinskii Zhurnal: Organ Ministerstva Zdravookhraneniia RSFSR, 2022, 27, 465-472.	0.1	0
3186	Plasmodium vivax Protein PvTRAg23 Triggers Spleen Fibroblasts for Inflammatory Profile and Reduces Type I Collagen Secretion via NF-l ⁹ Bp65 Pathway. Frontiers in Immunology, 0, 13, .	2.2	1
3187	Sirtuins and Hypoxia in EMT Control. Pharmaceuticals, 2022, 15, 737.	1.7	2
3188	Transforming growth factor-Î ² signalling pathway in tendon healing. Growth Factors, 2022, 40, 98-107.	0.5	9
3190	Mechanotransduction in Skin Inflammation. Cells, 2022, 11, 2026.	1.8	10
3191	In Vivo Inhibition of TRPC6 by SH045 Attenuates Renal Fibrosis in a New Zealand Obese (NZO) Mouse Model of Metabolic Syndrome. International Journal of Molecular Sciences, 2022, 23, 6870.	1.8	6
3192	Fibroblast fate determination during cardiac reprogramming by remodeling of actin filaments. Stem Cell Reports, 2022, 17, 1604-1619.	2.3	6
3193	Long-Term Controlled Growth Factor Release Using Layer-by-Layer Assembly for the Development of <i>In Vivo</i> Tissue-Engineered Blood Vessels. ACS Applied Materials & Engineered, 2022, 14, 28591-28603.	4.0	9
3196	Targeting fibrosis: mechanisms and clinical trials. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	97

#	Article	IF	CITATIONS
3197	TGF- \hat{l}^21 Induces Interlukin-11 Expression and Pro-Fibrotic Effect by DNA Demethylation in Subconjunctival Fibroblasts. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	3
3198	Science and Technology of Ultrananocrystalline Diamond (UNCDâ,,¢) Coatings for Glaucoma Treatment Devices. , 2022, , 107-120.		0
3199	Force-Bioreactor for Assessing Pharmacological Therapies for Mechanobiological Targets. Frontiers in Bioengineering and Biotechnology, 0, 10 , .	2.0	1
3200	Long-term cultured microvascular networks on chip for tumor vascularization research and drug testing. Biomicrofluidics, 2022, 16 , .	1.2	4
3201	Good and Bad Stroma in Pancreatic Cancer: Relevance of Functional States of Cancer-Associated Fibroblasts. Cancers, 2022, 14, 3315.	1.7	11
3202	The Role of the Fibronectin Synergy Site for Skin Wound Healing. Cells, 2022, 11, 2100.	1.8	7
3203	Collagen gel contraction assays: From modelling wound healing to quantifying cellular interactions with three-dimensional extracellular matrices. European Journal of Cell Biology, 2022, 101, 151253.	1.6	17
3204	Myofibroblast transdifferentiation of keratocytes results in slower migration and lower sensitivity to mesoscale curvatures. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	3
3205	BMP3 inhibits $TGF\hat{1}^2$ 2-mediated myofibroblast differentiation during wound healing of the embryonic cornea. Npj Regenerative Medicine, 2022, 7, .	2.5	1
3206	Canadian Contributions in Fibroblast Biology. Cells, 2022, 11, 2272.	1.8	3
3207	Piezo1 Channel as a Potential Target for Hindering Cardiac Fibrotic Remodeling. International Journal of Molecular Sciences, 2022, 23, 8065.	1.8	11
3208	Mechanomodulatory biomaterials prospects in scar prevention and treatment. Acta Biomaterialia, 2022, 150, 22-33.	4.1	15
3209	The Effect of Amniotic Membrane Transplantation on Trabeculectomy in Patients with Pseudoexfoliation Glaucoma. Journal of Ophthalmology, 2022, 2022, 1-10.	0.6	1
3210	Functional responses of dermal fibroblasts to low nutrition and pro-inflammatory stimuli mimicking a wound environment in vitro. In Vitro Cellular and Developmental Biology - Animal, 0, , .	0.7	0
3211	The matricellular protein CCN5 induces apoptosis in myofibroblasts through SMAD7-mediated inhibition of NFκB. PLoS ONE, 2022, 17, e0269735.	1.1	2
3213	Tumor-derived miR-130b-3p induces cancer-associated fibroblast activation by targeting SPIN90 in luminal A breast cancer. Oncogenesis, 2022, 11 , .	2.1	5
3214	The influence zone: a critical performance measure for negative pressure wound therapy systems. British Journal of Nursing, 2022, 31, S8-S12.	0.3	2
3215	Temporal control of PDGFRα regulates the fibroblast-to-myofibroblast transition in wound healing. Cell Reports, 2022, 40, 111192.	2.9	23

#	Article	IF	CITATIONS
3216	The role of matrix stiffness in cancer stromal cell fate and targeting therapeutic strategies. Acta Biomaterialia, 2022, 150, 34-47.	4.1	11
3217	Vesicle choreographies keep up cell-to-extracellular matrix adhesion dynamics in polarized epithelial and endothelial cells. Matrix Biology, 2022, 112, 62-71.	1.5	2
3218	Glutamine uptake and catabolism is required for myofibroblast formation and persistence. Journal of Molecular and Cellular Cardiology, 2022, 172, 78-89.	0.9	13
3219	Reforming the Barrier: The Role of Formins in Wound Repair. Cells, 2022, 11, 2779.	1.8	4
3220	Autophagy Plays Multiple Roles in the Soft-Tissue Healing and Osseointegration in Dental Implant Surgery—A Narrative Review. Materials, 2022, 15, 6041.	1.3	1
3221	The Impact of a Minimally Invasive Approach on Oral Wound Healing. , 2022, , 17-45.		0
3222	Mechanisms of Development of Passive Mechanical Muscle Stiffness. , 2022, , 81-105.		0
3223	Enhanced Bone Regeneration Via Zif-8 Decorated Hierarchical Polyvinylidene Fluoride Piezoelectric Foam Nanogenerator: Coupling of Bioelectricity, Angiogenesis, and Osteogenesis. SSRN Electronic Journal, 0, , .	0.4	0
3224	Neoplastic Lesions of the Tongue. , 2022, , 139-165.		0
3225	Systematically Assessing Natural Compounds' Wound Healing Potential with Spheroid and Scratch Assays. Advances in Experimental Medicine and Biology, 2022, , 227-241.	0.8	1
3226	Myocardial Fibrosis: Cell Signaling and In Vitro Modeling. , 2022, , 287-321.		0
3227	Autophagy in cancer-associated fibroblasts: biology and targeting. , 2022, , 163-175.		0
3228	Short Palate: Its Etiology and Consequences. , 2022, , 519-524.		0
3229	Mechanosensor YAP cooperates with TGF- \hat{l}^21 signaling to promote myofibroblast activation and matrix stiffening in a 3D model of human cardiac fibrosis. Acta Biomaterialia, 2022, 152, 300-312.	4.1	13
3230	Heterogeneity of the NIH3T3 Fibroblast Cell Line. Cells, 2022, 11, 2677.	1.8	14
3231	FGF-2 enhances fibrogenetic changes in TGF- \hat{l}^2 2 treated human conjunctival fibroblasts. Scientific Reports, 2022, 12, .	1.6	5
3233	Alpinetin Suppresses Effects of TGF- \hat{i}^21 on Stimulating the Production and Organization of Fibrotic Markers in Human Primary Dermal Fibroblasts. Cells, 2022, 11, 2731.	1.8	3
3234	Mammalian organ regeneration in spiny mice. Journal of Muscle Research and Cell Motility, 0, , .	0.9	2

#	Article	IF	CITATIONS
3235	The Role of Myofibroblasts in Physiological and Pathological Tissue Repair. Cold Spring Harbor Perspectives in Biology, 2023, 15, a041231.	2.3	31
3236	Critical Role of <scp>LMCD1</scp> in Promoting Profibrotic Characteristics of Lung Myofibroblasts in Experimental and Sclerodermaâ€Associated Lung Fibrosis. Arthritis and Rheumatology, 2023, 75, 438-448.	2.9	2
3237	Detection of myocardial fibrosis: Where we stand. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	8
3238	Discrimination and quantification of scar tissue by Mueller matrix imaging with machine learning. Journal of Innovative Optical Health Sciences, 0, , .	0.5	1
3239	Role of fibroblasts in wound healing and tissue remodeling on Earth and in space. Frontiers in Bioengineering and Biotechnology, 0, 10 , .	2.0	28
3240	<i>N</i> -acetylglucosamine-bearing polymers mimicking O-GlcNAc-modified proteins elicit anti-fibrotic activities in myofibroblasts and activated stellate cells. Glycobiology, 2023, 33, 17-37.	1.3	4
3241	Histomorphological evaluation, cell proliferation and endothelial immunostaining in oral and maxillofacial myofibroblastic lesions. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2022, , e497-e506.	0.7	0
3242	Tumor Microenvironment in Hepatocellular Carcinoma: Key Players for Immunotherapy. Journal of Hepatocellular Carcinoma, 0, Volume 9, 1109-1125.	1.8	11
3243	Early Compression Therapy for Deep Skin Defects: A New Treatment Option to Prevent Hypertrophic Scars or Contractures. Journal of Wound Management and Research, 2022, 18, 178-185.	0.1	0
3244	Noncanonical JAK1/STAT3 interactions with TGF- \hat{l}^2 modulate myofibroblast transdifferentiation and fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 323, L698-L714.	1.3	3
3245	Sensitivity of a two-dimensional biomorphoelastic model for post-burn contraction. Biomechanics and Modeling in Mechanobiology, 0, , .	1.4	1
3246	Exploring the Biology of Cancer-Associated Fibroblasts in Pancreatic Cancer. Cancers, 2022, 14, 5302.	1.7	6
3247	Absorbable Electrospun Poly-4-hydroxybutyrate Scaffolds as a Potential Solution for Pelvic Organ Prolapse Surgery. ACS Applied Bio Materials, 2022, 5, 5270-5280.	2.3	8
3248	Pitfalls and promises of bile duct alternatives: A narrative review. World Journal of Gastroenterology, 0, 28, 5707-5722.	1.4	3
3249	Gut microbiota and myocardial fibrosis. European Journal of Pharmacology, 2023, 940, 175355.	1.7	4
3250	Culturing of Cardiac Fibroblasts in Engineered Heart Matrix Reduces Myofibroblast Differentiation but Maintains Their Response to Cyclic Stretch and Transforming Growth Factor \hat{l}^21 . Bioengineering, 2022, 9, 551.	1.6	3
3251	Evaluation and characterization of facial skin aging using optical coherence tomography. Lasers in Surgery and Medicine, 0, , .	1.1	1
3252	Single-cell RNA-sequencing analysis of aortic valve interstitial cells demonstrates the regulation of integrin signaling by nitric oxide. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	3

#	Article	IF	CITATIONS
3253	Role of Circadian Transcription Factor Rev-Erb in Metabolism and Tissue Fibrosis. International Journal of Molecular Sciences, 2022, 23, 12954.	1.8	8
3254	Modulation of the antitumor immune response by cancer-associated fibroblasts: mechanisms and targeting strategies to hamper their immunosuppressive functions. Exploration of Targeted Anti-tumor Therapy, 0, , 598-629.	0.5	3
3255	Zinc Oxide Tetrapods Modulate Wound Healing and Cytokine Release In Vitroâ€"A New Antiproliferative Substance in Glaucoma Filtering Surgery. Life, 2022, 12, 1691.	1.1	5
3256	Therapeutic potential for P2Y2 receptor antagonism. Purinergic Signalling, 0, , .	1.1	3
3257	Cancer-Associated Fibroblasts in Cholangiocarcinoma: Current Knowledge and Possible Implications for Therapy. Journal of Clinical Medicine, 2022, 11, 6498.	1.0	7
3258	Nanomodulation and nanotherapeutics of tumor-microenvironment. OpenNano, 2022, 8, 100099.	1.8	0
3259	Nucleic acid direct delivery to fibroblasts: a review of nucleofection and applications. Journal of Biological Engineering, 2022, 16, .	2.0	1
3260	The initiation of oxidative stress and therapeutic strategies in wound healing. Biomedicine and Pharmacotherapy, 2023, 157, 114004.	2.5	53
3261	Male Mammary Myofibroblastoma. , 2022, 1, .		0
3262	Silver nanoparticles induced testicular damage targeting NQO1 and APE1 dysregulation, apoptosis via Bax/Bcl-2 pathway, fibrosis via TGF- \hat{l}^2/\hat{l}_\pm -SMA upregulation in rats. Environmental Science and Pollution Research, 2023, 30, 26308-26326.	2.7	3
3263	Influence of Acidic pH on Wound Healing In Vivo: A Novel Perspective for Wound Treatment. International Journal of Molecular Sciences, 2022, 23, 13655.	1.8	32
3264	The Novel AT2 Receptor Agonist \hat{l}^2 -Pro7-Anglll Exerts Cardiac and Renal Anti-Fibrotic and Anti-Inflammatory Effects in High Salt-Fed Mice. International Journal of Molecular Sciences, 2022, 23, 14039.	1.8	4
3265	Periadventitial biomaterials to improve arteriovenous fistula and graft outcomes. Journal of Vascular Access, 0, , 112972982211356.	0.5	2
3266	Establishment of fibroblast and myofibroblast phenotypes for use in inÂvitro co-culture models. Biochimie, 2023, 207, 96-101.	1.3	1
3267	Cardiac fibroblasts and mechanosensation in heart development, health and disease. Nature Reviews Cardiology, 2023, 20, 309-324.	6.1	27
3268	Lung fibrosis: Post-COVID-19 complications and evidences. International Immunopharmacology, 2023, 116, 109418.	1.7	14
3269	The role of the neuronal microenvironment in sensory function and pain pathophysiology. Journal of Neurochemistry, 0, , .	2.1	6
3270	A model for mechanosensitive cell migration in dynamically morphing soft tissues. Extreme Mechanics Letters, 2022, , 101926.	2.0	0

#	Article	IF	CITATIONS
3272	Emerging nano-strategies against tumour microenvironment (TME): a review. OpenNano, 2023, 9, 100112.	1.8	5
3273	Investigation of wound healing efficiency of multifunctional eudragit/soy protein isolate electrospun nanofiber incorporated with ZnO loaded halloysite nanotubes and allantoin. International Journal of Pharmaceutics, 2023, 630, 122434.	2.6	11
3274	Enhanced bone regeneration via ZIF-8 decorated hierarchical polyvinylidene fluoride piezoelectric foam nanogenerator: Coupling of bioelectricity, angiogenesis, and osteogenesis. Nano Energy, 2023, 106, 108076.	8.2	13
3275	Biological role of matrix stiffness in tumor growth and treatment. Journal of Translational Medicine, 2022, 20, .	1.8	39
3276	Pulmonary Fibrosis as a Result of Acute Lung Inflammation: Molecular Mechanisms, Relevant In Vivo Models, Prognostic and Therapeutic Approaches. International Journal of Molecular Sciences, 2022, 23, 14959.	1.8	42
3277	Endothelial cellâ€'derived connective tissue growth factor stimulates fibroblast differentiation into myofibroblasts through integrin αVβ3. Experimental and Therapeutic Medicine, 2022, 25, .	0.8	2
3278	Signaling pathways in cancerâ€associated fibroblasts: recent advances and future perspectives. Cancer Communications, 2023, 43, 3-41.	3.7	43
3279	Cancer-Associated Fibroblast Diversity Shapes Tumor Metabolism in Pancreatic Cancer. Cancers, 2023, 15, 61.	1.7	6
3280	Trickle infection with Heligmosomoides polygyrus results in decreased worm burdens but increased intestinal inflammation and scarring. Frontiers in Immunology, 0, 13, .	2,2	1
3281	Dupuytren's disease: a localised and accessible human fibrotic disorder. Trends in Molecular Medicine, 2022, , .	3.5	0
3282	New vegetable-waste biomaterials by Lupin albus L. as cellular scaffolds for applications in biomedicine and food. Biomaterials, 2022, , 121984.	5.7	5
3283	Dissecting the influence of cellular senescence on cell mechanics and extracellular matrix formation in vitro. Aging Cell, 2023, 22, .	3.0	6
3284	Circ_0047835 Combines with miR-144-3p to Promote the Proliferation, Invasion, Migration, and Fibrosis of TGF-β1-Treated Human Tenon's Capsule Fibroblasts by Upregulating SP1. Current Eye Research, 2023, 48, 371-381.	0.7	3
3286	Epithelial–Mesenchymal Transition Induced in Cancer Cells by Adhesion to Type I Collagen. International Journal of Molecular Sciences, 2023, 24, 198.	1.8	2
3287	Docosahexaenoic Acid Attenuates Radiation-Induced Myocardial Fibrosis by Inhibiting the p38/ET-1 Pathway in Cardiomyocytes. International Journal of Radiation Oncology Biology Physics, 2022, , .	0.4	1
3288	Effects of low-level laser therapy and therapeutic ultrasound on Freund's complete adjuvant-induced knee arthritis model in rats. Archives of Rheumatology, 2023, 38, 32-43.	0.3	7
3290	Global Histone Modifications Predict the Outcome of Glaucoma Surgery. Journal of the Korean Glaucoma Society, 2022, 11, 49.	0.0	0
3291	Cancer-Associated Fibroblasts: Lessons from Pancreatic Cancer. Annual Review of Cancer Biology, 2023, 7, 43-55.	2.3	5

#	Article	IF	CITATIONS
3292	Adult skin fibroblast state change in murine wound healing. Scientific Reports, 2023, 13, .	1.6	7
3293	Noncoding RNAs: Master Regulator of Fibroblast to Myofibroblast Transition in Fibrosis. International Journal of Molecular Sciences, 2023, 24, 1801.	1.8	6
3294	Ultrastructural and Immunohistochemical Characterization of Maternal Myofibroblasts in the Bovine Placenta around Parturition. Veterinary Sciences, 2023, 10, 44.	0.6	0
3295	Calcium-Signalling in Human Glaucoma Lamina Cribrosa Myofibroblasts. International Journal of Molecular Sciences, 2023, 24, 1287.	1.8	2
3296	Bioprinting a skin patch with dual-crosslinked gelatin (GelMA) and silk fibroin (SilMA): An approach to accelerating cutaneous wound healing. Materials Today Bio, 2023, 18, 100550.	2.6	17
3297	NADPH oxidase 4 is dispensable for skin myofibroblast differentiation and wound healing. Redox Biology, 2023, 60, 102609.	3.9	5
3298	Revisiting the role of hyperbaric oxygen therapy in knee injuries: Potential benefits and mechanisms. Journal of Cellular Physiology, 2023, 238, 498-512.	2.0	2
3299	Modulating Myofibroblastic Differentiation of Fibroblasts through Actin-MRTF Signaling Axis by Micropatterned Surfaces for Suppressed Implant-Induced Fibrosis. Research, 2023, 6, .	2.8	1
3300	AKT regulates IL- 1^2 -induced proliferation and activation of hepatic stellate cells. Biocell, 2023, 47, 669-676.	0.4	0
3301	Cancer-Associated Fibroblast Heterogeneity, Activation and Function: Implications for Prostate Cancer. Biomolecules, 2023, 13, 67.	1.8	12
3302	The actin cytoskeleton: Morphological changes in pre- and fully developed lung cancer. Biophysics Reviews, 2022, 3, 041304.	1.0	0
3303	Circulating Tumor Cells in Breast Cancer. , 2023, , .		0
3305	The Sphingosine 1-Phosphate Axis: an Emerging Therapeutic Opportunity for Endometriosis. Reproductive Sciences, 2023, 30, 2040-2059.	1.1	2
3306	Epigenetics of the pathogenic myofibroblast in lung disease. , 2023, , 353-392.		0
3309	Excess KLHL24 Impairs Skin Wound Healing through the Degradation of Vimentin. Journal of Investigative Dermatology, 2023, 143, 1289-1298.e15.	0.3	1
3310	Suggesting a mechanism for acupuncture as a global percutaneous needle fasciotomy that respects tensegrity principles for treating fibromyalgia. Frontiers in Medicine, 0, 9, .	1.2	2
3311	The Role of Exosomes in Tumor Metastasis. , 2023, , 1-29.		0
3312	Role of <scp>HIF</scp> ‶α in pathogenic mechanisms of keloids. Journal of Cosmetic Dermatology, 2023, 22, 1436-1448.	0.8	3

#	Article	IF	Citations
3313	Biomaterials delivery strategies to repair degenerated intervertebral discs by regulating the inflammatory microenvironment. Frontiers in Immunology, $0,14,.$	2.2	4
3314	Significance of Skin Hydration. , 2023, , 205-215.		0
3315	p53 and Myofibroblast Apoptosis in Organ Fibrosis. International Journal of Molecular Sciences, 2023, 24, 6737.	1.8	1
3316	Engineered drug delivery nanosystems for tumor microenvironment normalization therapy. Nano Today, 2023, 49, 101766.	6.2	5
3317	"Long COVID-19―and viral "fibromyalgia-ness― Suggesting a mechanistic role for fascial myofibroblasts (Nineveh, the shadow is in the fascia). Frontiers in Medicine, 0, 10, .	1.2	1
3318	Is fat the future for saving sight? Bioactive lipids and their impact on glaucoma., 2023, 245, 108412.		3
3319	Matrix stiffness regulates osteoclast fate through integrin-dependent mechanotransduction. Bioactive Materials, 2023, 27, 138-153.	8.6	2
3320	Bioactive wound powders as wound healing dressings and drug delivery systems. Powder Technology, 2023, 423, 118501.	2.1	1
3321	Prevention strategies of postoperative adhesion in soft tissues by applying biomaterials: Based on the mechanisms of occurrence and development of adhesions. Bioactive Materials, 2023, 26, 387-412.	8.6	8
3322	Response to Mechanical Properties and Physiological Challenges of Fascia: Diagnosis and Rehabilitative Therapeutic Intervention for Myofascial System Disorders. Bioengineering, 2023, 10, 474.	1.6	3
3323	Caspase 1 Enhances Transport and Golgi Organization Protein 1 Expression to Promote Procollagen Export From the Endoplasmic Reticulum in Systemic Sclerosis Contributing to Fibrosis. Arthritis and Rheumatology, 2023, 75, 1831-1841.	2.9	1
3324	The Function and Therapeutic Potential of IncRNAs in Cardiac Fibrosis. Biology, 2023, 12, 154.	1.3	1
3325	Minimal invasiveness in gingival augmentation and root coverage procedures. Periodontology 2000, 2023, 91, 45-64.	6.3	1
3326	Low-Dose Blue Light (420 nm) Reduces Metabolic Activity and Inhibits Proliferation of Human Dermal Fibroblasts. Life, 2023, 13, 331.	1.1	3
3327	Promotion of Lymphangiogenesis by Targeted Delivery of VEGF-C Improves Diabetic Wound Healing. Cells, 2023, 12, 472.	1.8	4
3328	Influence of Transforming Growth Factors beta 1 and beta 3 in the Scar Formation Process. Journal of Craniofacial Surgery, 2023, 34, 904-909.	0.3	2
3329	Vitamin D Ameliorates the Hepatic Oxidative Damage and Fibrotic Effect Caused by Thioacetamide in Rats. Biomedicines, 2023, 11, 424.	1.4	7
3330	Engineering branching morphogenesis using cell communication. Bioprinting, 2023, 30, e00261.	2.9	O

#	Article	IF	CITATIONS
3331	Why does understanding the biology of fibroblasts in immunity really matter?. PLoS Biology, 2023, 21, e3001954.	2.6	5
3332	Light-driven biological actuators to probe the rheology of 3D microtissues. Nature Communications, 2023, 14, .	5.8	8
3333	Biomedical materials for wound dressing: recent advances and applications. RSC Advances, 2023, 13, 5509-5528.	1.7	55
3334	Expression of Selected miRNAs in Normal and Cancer-Associated Fibroblasts and in BxPc3 and MIA PaCa-2 Cell Lines of Pancreatic Ductal Adenocarcinoma. International Journal of Molecular Sciences, 2023, 24, 3617.	1.8	0
3335	Self-Assembled Fibrinogen Scaffolds Support Cocultivation of Human Dermal Fibroblasts and HaCaT Keratinocytes. ACS Omega, 2023, 8, 8650-8663.	1.6	5
3336	Secretome of Stromal Cancer-Associated Fibroblasts (CAFs): Relevance in Cancer. Cells, 2023, 12, 628.	1.8	4
3337	Modern concepts about genetic regulation of connective tissue gystophysiology and its relationship to the physical quality of "flexibility― Genes and Cells, 2021, 16, 6-13.	0.2	0
3338	Conditional ablation of heparan sulfate expression in stromal fibroblasts promotes tumor growth in vivo. PLoS ONE, 2023, 18, e0281820.	1.1	0
3339	Characteristics and risk factors of mortality in patients with systemic sclerosis-associated interstitial lung disease. Annals of Medicine, 2023, 55, 663-671.	1.5	4
3340	Novel Therapies for the Prevention of Fibrosis in Glaucoma Filtration Surgery. Biomedicines, 2023, 11, 657.	1.4	8
3341	Beneficial Effects of Dinitrosyl Iron Complexes on Wound Healing Compared to Commercial Nitric Oxide Plasma Generator. International Journal of Molecular Sciences, 2023, 24, 4439.	1.8	3
3342	Novel, Blended Polymeric Microspheres for the Controlled Release of Methotrexate: Characterization and In Vivo Antifibrotic Studies. Bioengineering, 2023, 10, 298.	1.6	0
3343	Periadventitial \hat{l}^2 -aminopropionitrile-loaded nanofibers reduce fibrosis and improve arteriovenous fistula remodeling in rats. Frontiers in Cardiovascular Medicine, 0, 10, .	1.1	2
3345	Reduced Fibroblast Activation on Electrospun Polycaprolactone Scaffolds. Bioengineering, 2023, 10, 348.	1.6	2
3346	Pharmacotherapies in Dupuytren Disease: Current and Novel Strategies. Journal of Hand Surgery, 2023, 48, 810-821.	0.7	2
3347	Application and Study of ROCK Inhibitors in Pulmonary Fibrosis: Recent Developments and Future Perspectives. Journal of Medicinal Chemistry, 2023, 66, 4342-4360.	2.9	6
3349	Aux sources de la compréhensionde la maladie rénale chronique. Medecine/Sciences, 2023, 39, 265-270.	0.0	0
3350	Poly(2â€hydroxyethyl methacrylate) surface chemistry and modulus differentially modulate neutrophils and lens epithelial cellsâ€"possible implications in cellular responses to intraocular lenses. Journal of Biomedical Materials Research - Part A, 2023, 111, 863-878.	2.1	O

#	Article	IF	CITATIONS
3351	Effect of Hypertrophic Scar Fibroblast-Derived Exosomes on Keratinocytes of Normal Human Skin. International Journal of Molecular Sciences, 2023, 24, 6132.	1.8	4
3352	Bioprinting of light-crosslinkable neutral-dissolved collagen to build implantable connective tissue with programmable cellular orientation. Biofabrication, 2023, 15, 035007.	3.7	4
3353	Stability of a two-dimensional biomorphoelastic model for post-burn contraction. Journal of Mathematical Biology, 2023, 86, .	0.8	0
3354	Specific Subtypes of Carcinoma-Associated Fibroblasts Are Correlated with Worse Survival in Resectable Pancreatic Ductal Adenocarcinoma. Cancers, 2023, 15, 2049.	1.7	2
3355	Fibrosis in Pathology of Heart and Kidney: From Deep RNA-Sequencing to Novel Molecular Targets. Circulation Research, 2023, 132, 1013-1033.	2.0	8
3356	Fibroblasts in cancer: Unity in heterogeneity. Cell, 2023, 186, 1580-1609.	13.5	44
3357	Mechanobiology of Cardiac Fibroblasts in Cardiac Remodeling. Cardiac and Vascular Biology, 2023, , 101-120.	0.2	0
3358	A novel caffeic acid derivative prevents angiotensin II-induced cardiac remodeling. Biomedicine and Pharmacotherapy, 2023, 162, 114709.	2.5	1
3359	Biology of Cancer. , 2023, , 86-186.		0
3369	Promising Therapeutic Treatments for Cardiac Fibrosis: Herbal Plants and Their Extracts. Cardiology and Therapy, 0, , .	1.1	0
3375	Hyaluronan in Kidney Fibrosis. Biology of Extracellular Matrix, 2023, , 77-97.	0.3	0
3382	Wound Healing Disturbances: The Unfavorable Result. , 2023, , 155-183.		0
3391	Cancer-associated fibroblasts: from basic science to anticancer therapy. Experimental and Molecular Medicine, 2023, 55, 1322-1332.	3.2	20
3405	Innate Immunity, Epithelial Plasticity, and Remodeling in Asthma. Advances in Experimental Medicine and Biology, 2023, , 265-285.	0.8	0
3439	Back to the future: targeting the extracellular matrix to treat systemic sclerosis. Nature Reviews Rheumatology, 2023, 19, 713-723.	3.5	2
3498	Linking cell mechanical memory and cancer metastasis. Nature Reviews Cancer, 2024, 24, 216-228.	12.8	2
3502	Injury repair and regeneration. , 2024, , 113-178.		0
3510	Targeted nanostrategies eliminate pre-metastatic niche of cancer. Nano Research, 0, , .	5.8	0

#	Article	IF	CITATIONS
3517	Safety Evaluation of Ocular Drugs. , 2024, , 879-944.		0
3537	PRP in Tendinopathy. , 2024, , 85-90.		O