

Cellular and molecular mechanisms of fibrosis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunopathology of Organ Transplantation. , 0, , 1-24.		0
2	Human Embryonic Stem Cellâ€‘Derived Cells Rescue Visual Function in Dystrophic RCS Rats. Cloning and Stem Cells, 2006, 8, 189-199.	2.6	401
3	Angiotensin receptor blockers in the treatment of NASH/NAFLD: Could they be a first-class option?. Advances in Therapy, 2008, 25, 1141-1174.	1.3	50
4	Recent advances in the pathogenesis and diagnosis of liver fibrosis. Journal of Gastroenterology, 2008, 43, 315-321.	2.3	50
5	Detection of Epsteinâ€‘Barr virus-encoded small RNA-expressed myofibroblasts and IgG4-producing plasma cells in sclerosing angiomatoid nodular transformation of the spleen. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 453, 275-282.	1.4	58
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7	Molecular and cellular themes in inflammation and immunology. Journal of Pathology, 2008, 214, 123-125.	2.1	16
8	TLR3 modulates immunopathology during a <i>Schistosoma mansoni</i> eggâ€‘driven Th2 response in the lung. European Journal of Immunology, 2008, 38, 3436-3449.	1.6	22
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1097	Dasatinib attenuated bleomycin-induced pulmonary fibrosis in mice. <i>Growth Factors</i> , 2015, 33, 366-375.	0.5	41
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1106	Cellular crosstalk mechanism of Toll-like receptors in gingival overgrowth (Review). <i>International Journal of Molecular Medicine</i> , 2015, 35, 1151-1158.	1.8	9
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1109	Lysophosphatidic acid mediates fibrosis in injured joints by regulating collagen type I biosynthesis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 308-318.	0.6	25
1110	Profibrosing Effect of Angiotensin Converting Enzyme Inhibitors in Human Lung Fibroblasts. <i>Lung</i> , 2015, 193, 199-202.	1.4	4

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1122	Blocking follistatin-like 1 attenuates bleomycin-induced pulmonary fibrosis in mice. <i>Journal of Experimental Medicine</i> , 2015, 212, 235-252.	4.2	130
1123	Orphan nuclear receptor NR4A1 regulates transforming growth factor- β^2 signaling and fibrosis. <i>Nature Medicine</i> , 2015, 21, 150-158.	15.2	267
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1135	Renal risk associated with sodium phosphate medication: safe in healthy individuals, potentially dangerous in others. <i>Expert Opinion on Drug Safety</i> , 2015, 14, 1097-1110.	1.0	7
1136	Macrophage responses to implants: prospects for personalized medicine. <i>Journal of Leukocyte Biology</i> , 2015, 98, 953-962.	1.5	158
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1874	Zinc oxide nanoparticles ameliorate collagen lattice contraction in human tenon fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2019, 669, 1-10.	1.4	10
1875	PGE2 in fibrosis and cancer: Insights into fibroblast activation. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 143, 106339.	1.0	24
1876	Noninvasive assessment of renal fibrosis by magnetic resonance imaging and ultrasound techniques. <i>Translational Research</i> , 2019, 209, 105-120.	2.2	56
1877	Interferon Lambda and Liver Fibrosis. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 627-635.	0.5	8

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1879	Facile fabrication of PEG-coated PLGA microspheres via SPG membrane emulsification for the treatment of scleroderma by ECM degrading enzymes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 179, 453-461.	2.5	10
1880	Resolvin D1 prevents epithelial-mesenchymal transition and reduces the stemness features of hepatocellular carcinoma by inhibiting paracrine of cancer-associated fibroblast-derived COMP. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 170.	3.5	71
1881	The Carcinogenic Role of the Notch Signaling Pathway in the Development of Hepatocellular Carcinoma. <i>Journal of Cancer</i> , 2019, 10, 1570-1579.	1.2	73
1882	Sex modulates hepatic mitochondrial adaptations to high-fat diet and physical activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E298-E311.	1.8	37
1883	Application of Manual Therapy for Dysphagia in Head and Neck Cancer Patients: A Preliminary National Survey of Treatment Trends and Adverse Events. <i>Global Advances in Health and Medicine</i> , 2019, 8, 216495611984415.	0.7	10
1884	Apoptosis Resistance in Fibroblasts Precedes Progressive Scarring in Pulmonary Fibrosis and Is Partially Mediated by Toll-Like Receptor 4 Activation. <i>Toxicological Sciences</i> , 2019, 170, 489-498.	1.4	15
1885	HDAC Inhibitors: Therapeutic Potential in Fibrosis-Associated Human Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1329.	1.8	74
1886	Defining the Activated Fibroblast Population in Lung Fibrosis Using Single-Cell Sequencing. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 74-85.	1.4	143
1887	The MicroRNA miR-155 Is Essential in Fibrosis. <i>Non-coding RNA</i> , 2019, 5, 23.	1.3	41
1888	Participation of NADPH Oxidase-Related Reactive Oxygen Species in Leptin-Promoted Pulmonary Inflammation: Regulation of cPLA2 β and COX-2 Expression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1078.	1.8	22
1889	Prospective application of stem cells to prevent postoperative skeletal fibrosis. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1236-1245.	1.2	4
1890	Ketamine-induced bladder dysfunction is associated with extracellular matrix accumulation and impairment of calcium signaling in a mouse model. <i>Molecular Medicine Reports</i> , 2019, 19, 2716-2728.	1.1	9
1891	Technology for Discovery of Antifibrotic Drugs: Phenotypic Screening for LARP6 Inhibitors Using Inverted Yeast Three Hybrid System. <i>Assay and Drug Development Technologies</i> , 2019, 17, 116-127.	0.6	4
1892	Reactive Oxygen Species Drive Epigenetic Changes in Radiation-Induced Fibrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-27.	1.9	55
1893	First description of a compensatory xylosyltransferase I induction observed after an antifibrotic UDP-treatment of normal human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 7-13.	1.0	4
1894	Collagen Fibrils Mechanically Contribute to Tissue Contraction in an In Vitro Wound Healing Scenario. <i>Advanced Science</i> , 2019, 6, 1801780.	5.6	55
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1899	T-cell positioning by chemokines in autoimmune skin diseases. <i>Immunological Reviews</i> , 2019, 289, 186-204.	2.8	24
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1902	The role of FHL2 in wound healing and inflammation. <i>FASEB Journal</i> , 2019, 33, 7799-7809.	0.2	19
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1906	Asymmetric dimethylarginine: An crucial regulator in tissue fibrosis. <i>European Journal of Pharmacology</i> , 2019, 854, 54-61.	1.7	10
1907	Pathophysiology and Future Therapeutic Perspectives for Resolving Fibrosis in Peyronie's Disease. <i>Sexual Medicine Reviews</i> , 2019, 7, 679-689.	1.5	33
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1909	The Differential Roles of T Cells in Non-alcoholic Fatty Liver Disease and Obesity. <i>Frontiers in Immunology</i> , 2019, 10, 82.	2.2	157
1910	Hydrogel-based delivery of Il-10 improves treatment of bleomycin-induced lung fibrosis in mice. <i>Biomaterials</i> , 2019, 203, 52-62.	5.7	69
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1914	Epidermal growth factor receptor paracrine upregulation in idiopathic pulmonary fibrosis fibroblasts is blocked by nintedanib. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1025-L1034.	1.3	35

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1917	Cerebrospinal fluid cytokine/chemokine/growth factor profiles in idiopathic hypertrophic pachymeningitis. <i>Journal of Neuroimmunology</i> , 2019, 330, 38-43.	1.1	10
1918	Radiotherapy toxicity. <i>Nature Reviews Disease Primers</i> , 2019, 5, 13.	18.1	434
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1920	Recent Advances in High-throughput Platforms with Engineered Biomaterial Microarrays for Screening of Cell and Tissue Behavior. <i>Current Pharmaceutical Design</i> , 2019, 24, 5458-5470.	0.9	7
1921	Wound healing and fibrosis – State of play. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 1-2.	6.6	4
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1923	DAMPs and NETs in Sepsis. <i>Frontiers in Immunology</i> , 2019, 10, 2536.	2.2	333
1924	Implementation of pre-clinical methodologies to study fibrosis and test anti-fibrotic therapy. <i>Current Opinion in Pharmacology</i> , 2019, 49, 95-101.	1.7	5
1925	The Many Roles of Cell Adhesion Molecules in Hepatic Fibrosis. <i>Cells</i> , 2019, 8, 1503.	1.8	51
1926	Transcriptomic characterization of culture-associated changes in murine and human precision-cut tissue slices. <i>Archives of Toxicology</i> , 2019, 93, 3549-3583.	1.9	26
1927	White Adipocyte Plasticity in Physiology and Disease. <i>Cells</i> , 2019, 8, 1507.	1.8	24
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1929	Effect of sIL-13R α 2-Fc on the progression of rat tail intervertebral disc degeneration. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 386.	0.9	7
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1935	Regulatory T Cells in Respiratory Health and Diseases. <i>Pulmonary Medicine</i> , 2019, 2019, 1-13.	0.5	28
1936	TGF- β 2 in fibrosis by acting as a conductor for contractile properties of myofibroblasts. <i>Cell and Bioscience</i> , 2019, 9, 98.	2.1	96
1937	Extensive CD34-to-CD90 Fibroblast Transition Defines Regions of Cutaneous Reparative, Hypertrophic, and Keloidal Scarring. <i>American Journal of Dermatopathology</i> , 2019, 41, 16-28.	0.3	16
1938	Pericytes: Problems and Promises for CNS Repair. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 546.	1.8	34
1939	Impact of HIV/simian immunodeficiency virus infection and viral proteins on adipose tissue fibrosis and adipogenesis. <i>Aids</i> , 2019, 33, 953-964.	1.0	31
1940	Current and upcoming therapies to modulate skin scarring and fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 37-59.	6.6	114
1941	Growth rate and myofibroblast differentiation of desmoid fibroblast-like cells are modulated by TGF- β 2 signaling. <i>Histochemistry and Cell Biology</i> , 2019, 151, 145-160.	0.8	8
1942	Nimbolide ameliorates fibrosis and inflammation in experimental murine model of bleomycin-induced scleroderma. <i>Inflammopharmacology</i> , 2019, 27, 139-149.	1.9	19
1943	Age and multiparity related urethral sphincter muscle dysfunction in a rabbit model: Potential roles of TGF- β 2 and Wnt- β 2 catenin signaling pathways. <i>Neurourology and Urodynamics</i> , 2019, 38, 607-614.	0.8	5
1944	Amniotic Membrane Transplantation in Strabismus Surgery. <i>Current Eye Research</i> , 2019, 44, 451-464.	0.7	12
1945	Arrangement of myofibroblastic and smooth muscle-like cells in superficial peritoneal endometriosis and a possible role of transforming growth factor beta 1 (TGF- β 1) in myofibroblastic metaplasia. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 489-499.	0.8	10
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1947	Neutralization of IL-18 by IL-18 binding protein ameliorates bleomycin-induced pulmonary fibrosis via inhibition of epithelial-mesenchymal transition. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 660-666.	1.0	25
1948	Haplodeletion of Follistatin-Like 1 Attenuates Radiation-Induced Pulmonary Fibrosis in Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 208-216.	0.4	9
1949	AdipoRs- a potential therapeutic target for fibrotic disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 93-106.	1.5	5
1950	Impact of preoperative biopsy sampling on severe submucosal fibrosis on endoscopic submucosal dissection for colorectal laterally spreading tumors: a propensity score analysis. <i>Gastrointestinal Endoscopy</i> , 2019, 89, 470-478.	0.5	28
1951	Novel molecular therapeutic targets in cardiac fibrosis: a brief overview. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 246-256.	0.7	6

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1953	Protein kinase C inhibitor chelerythrine attenuates partial unilateral ureteral obstruction induced kidney injury in neonatal rats. <i>Life Sciences</i> , 2019, 216, 85-91.	2.0	11
1954	TRP channels in cardiac and intestinal fibrosis. <i>Seminars in Cell and Developmental Biology</i> , 2019, 94, 40-49.	2.3	47
1955	Tâ€Helper 2 Lymphocyte Immunophenotype Is Associated With Iatrogenic Laryngotracheal Stenosis. <i>Laryngoscope</i> , 2019, 129, 177-186.	1.1	28
1956	The Role of Chemokines in Fibrotic Dermal Remodeling and Wound Healing. <i>Molecular and Translational Medicine</i> , 2019, , 3-24.	0.4	7
1957	DNA-Encoded Library-Derived DDR1 Inhibitor Prevents Fibrosis and Renal Function Loss in a Genetic Mouse Model of Alport Syndrome. <i>ACS Chemical Biology</i> , 2019, 14, 37-49.	1.6	84
1958	Molecular Probes for Imaging Fibrosis and Fibrogenesis. <i>Chemistry - A European Journal</i> , 2019, 25, 1128-1141.	1.7	43
1959	A case of immunoglobulin G4-related inflammatory pseudotumor mimicking renal cell carcinoma. <i>Abdominal Radiology</i> , 2019, 44, 1230-1236.	1.0	2
1960	Macrophage-secreted TSLP and MMP9 promote bleomycin-induced pulmonary fibrosis. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 10-16.	1.3	44
1961	Polyphenol-rich blue honeysuckle extract alleviates silica-induced lung fibrosis by modulating Th immune response and NRF2/HO-1 MAPK signaling. <i>Journal of Functional Foods</i> , 2019, 53, 176-186.	1.6	23
1962	Inflammation and immunity in IPF pathogenesis and treatment. <i>Respiratory Medicine</i> , 2019, 147, 79-91.	1.3	259
1963	Histopathological differences of experimental aneurysms treated with bare platinum, fibered, and bioactive coils. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2019, 28, 172-177.	0.6	2
1964	Circular RNAs in immune responses and immune diseases. <i>Theranostics</i> , 2019, 9, 588-607.	4.6	190
1965	Determination of a novel antifibrotic small molecule GDCâ€3280 in human plasma and urine by liquid chromatography tandem mass spectrometry to support its firstâ€inâ€human clinical trial. <i>Biomedical Chromatography</i> , 2019, 33, e4482.	0.8	1
1966	Functional and histologic effects after implanting pluripotent stem cells in a murine model with sphincterotomy. <i>Revista De GastroenterologÃa De MÃ©xico (English Edition)</i> , 2019, 84, 165-173.	0.1	1
1967	The mechanisms and potential of stem cell therapy for penile fibrosis. <i>Nature Reviews Urology</i> , 2019, 16, 79-97.	1.9	42
1968	RAAS inhibitors directly reduce diabetesâ€induced renal fibrosis via growth factor inhibition. <i>Journal of Physiology</i> , 2019, 597, 193-209.	1.3	61
1969	Intratumoral Injection of Human Adipose Tissueâ€Derived Stem Cells Restores Collagen III/I Ratio in a Rat Model of Chronic Peyronieâ€™s Disease. <i>Sexual Medicine</i> , 2019, 7, 94-103.	0.9	24

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1972	Adiponectin: A potential candidate for treating fibrosis in posterior segment of the eye. Medical Hypotheses, 2019, 123, 9-12.	0.8	7
1973	2-Methoxyestradiol attenuates liver fibrosis in mice: implications for M2 macrophages. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 381-391.	1.4	10
1974	1,25 Dihydroxyvitamin D3 Enhances the Antifibroid Effects of Ulipristal Acetate in Human Uterine Fibroids. Reproductive Sciences, 2019, 26, 812-828.	1.1	22
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1978	Macrophages: Key orchestrators of a tumor microenvironment defined by therapeutic resistance. Molecular Immunology, 2019, 110, 3-12.	1.0	45
1979	A comparative analysis of the molecular basis of fibrosis between tissues. Comparative Clinical Pathology, 2019, 28, 865-878.	0.3	0
1980	Evaluation of antioxidant and anti-inflammatory activity of green coffee beans methanolic extract in rat skin. Natural Product Research, 2020, 34, 1535-1541.	1.0	24
1981	A review of inflammation and fibrosis: implications for the pathogenesis of Peyronie's disease. World Journal of Urology, 2020, 38, 253-261.	1.2	41
1982	Local Cytokine Expression Profiling in Patients with Specific Autoimmune Uveitic Entities. Ocular Immunology and Inflammation, 2020, 28, 453-462.	1.0	24
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1984	Intratunical injection of autologous adipose stromal vascular fraction reduces collagen III expression in a rat model of chronic penile fibrosis. International Journal of Impotence Research, 2020, 32, 281-288.	1.0	11
1985	Identification of the CXCL12-CXCR4/CXCR7 axis as a potential therapeutic target for immunomodulating macrophage polarization and foreign body response to implanted biomaterials. Applied Materials Today, 2020, 18, 100454.	2.3	5
1986	Icariin-induced miR-875-5p attenuates epithelial-mesenchymal transition by targeting hedgehog signaling in liver fibrosis. Journal of Gastroenterology and Hepatology (Australia), 2020, 35, 482-491.	1.4	23
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1989	Liver Progenitors and Adult Cell Plasticity in Hepatic Injury and Repair: Knowns and Unknowns. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020, 15, 23-50.	9.6	99
1990	Increased Levels of DKK1 in Vitreous Fluid of Patients with Pathological Myopia and the Correlation between DKK1 Levels and Axial Length. <i>Current Eye Research</i> , 2020, 45, 104-110.	0.7	8
1991	Galectin-1 studies in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2020, 98, e1-e12.	0.6	17
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1993	Mechanisms Underlying Adenomyosis-Related Fibrogenesis. <i>Gynecologic and Obstetric Investigation</i> , 2020, 85, 1-12.	0.7	22
1994	The Role of the Anti-Inflammatory Cytokine Interleukin-10 in Tissue Fibrosis. <i>Advances in Wound Care</i> , 2020, 9, 184-198.	2.6	203
1995	The IL-4/IL-13 axis in skin fibrosis and scarring: mechanistic concepts and therapeutic targets. <i>Archives of Dermatological Research</i> , 2020, 312, 81-92.	1.1	109
1996	Combinatorial inhibition of Angiotensin converting enzyme, Neutral endopeptidase and Aminopeptidase N by N-methylated peptides alleviates blood pressure and fibrosis in rat model of dexamethasone-induced hypertension. <i>Peptides</i> , 2020, 123, 170180.	1.2	9
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1998	Injury responses of Sprague-Dawley rat jaw muscles to an experimental unilateral anterior crossbite prosthesis. <i>Archives of Oral Biology</i> , 2020, 109, 104588.	0.8	6
1999	Lung injury, oxidative stress and fibrosis in mice following exposure to nitrogen mustard. <i>Toxicology and Applied Pharmacology</i> , 2020, 387, 114798.	1.3	28
2000	miR-145-5p attenuates hypertrophic scar via reducing Smad2/Smad3 expression. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 1042-1048.	1.0	27
2001	Genetic or pharmacologic blockade of enhancer of zeste homolog 2 inhibits the progression of peritoneal fibrosis. <i>Journal of Pathology</i> , 2020, 250, 79-94.	2.1	29
2002	Comparative Profiling of Serum Protein Biomarkers in Rheumatoid Arthritis-Associated Interstitial Lung Disease and Idiopathic Pulmonary Fibrosis. <i>Arthritis and Rheumatology</i> , 2020, 72, 409-419.	2.9	34
2003	The potential role of senescence in limiting fibrosis caused by aging. <i>Journal of Cellular Physiology</i> , 2020, 235, 4046-4059.	2.0	13
2004	Role of hypoxia in skeletal muscle fibrosis: Synergism between hypoxia and TGF- β signaling upregulates CCN2/CTGF expression specifically in muscle fibers. <i>Matrix Biology</i> , 2020, 87, 48-65.	1.5	45
2005	Thyroid Function and the Risk of Fibrosis of the Liver, Heart, and Lung in Humans: A Systematic Review and Meta-Analysis. <i>Thyroid</i> , 2020, 30, 806-820.	2.4	22

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2030	Transformation of resident notochordâ€descendent nucleus pulposus cells in mouse injuryâ€induced fibrotic intervertebral discs. <i>Aging Cell</i> , 2020, 19, e13254.	3.0	16
2031	Single-cell transcriptomics uncover distinct innate and adaptive cell subsets during tissue homeostasis and regeneration. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1593-1602.	1.5	6
2032	Role of circulating fibrocytes in the diagnosis of acute appendicitis. <i>BJS Open</i> , 2020, 4, 1256-1265.	0.7	2
2033	Comparative Study on Bone Marrow-Versus Adipose-Derived Stem Cells on Regeneration and Re-Innervation of Skeletal Muscle Injury in Wistar Rats. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 887-900.	1.6	11
2034	Targeting PTEN to regulate autophagy and promote the repair of injured neurons. <i>Brain Research Bulletin</i> , 2020, 165, 161-168.	1.4	9
2035	Pulmonary toxicants and fibrosis: innate and adaptive immune mechanisms. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115272.	1.3	23
2036	Candidate rejuvenating factor GDF11 and tissue fibrosis: friend or foe?. <i>GeroScience</i> , 2020, 42, 1475-1498.	2.1	14
2037	Undifferentiated connective tissue disease at risk for systemic sclerosis: Which patients might be labeled prescleroderma?. <i>Autoimmunity Reviews</i> , 2020, 19, 102659.	2.5	14
2038	Nonalcoholic fatty liver disease and colorectal cancer: Correlation and missing links. <i>Life Sciences</i> , 2020, 262, 118507.	2.0	15
2039	Advanced Polymer-Based Drug Delivery Strategies for Meniscal Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 266-293.	2.5	7
2040	Mutations in COMP cause familial carpal tunnel syndrome. <i>Nature Communications</i> , 2020, 11, 3642.	5.8	8
2041	Field-based rational design of p300 histone acetyltransferase inhibitor and systematic evaluation as an anti-fibrotic agent. <i>Chemical Communications</i> , 2020, 56, 9795-9798.	2.2	9
2042	Platelets induce endothelialâ€mesenchymal transition and subsequent fibrogenesis in endometriosis. <i>Reproductive BioMedicine Online</i> , 2020, 41, 500-517.	1.1	22

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2044	Development of a Gene Delivery System of Oligonucleotides for Fibroses by Targeting Cell-Surface Vimentin-Expressing Cells with N-Acetylglucosamine-Bearing Polymer-Conjugated Polyethyleneimine. <i>Polymers</i> , 2020, 12, 1508.	2.0	7
2045	Substrate-independent polymer coating with stimuli-responsive dexamethasone release for on-demand fibrosis inhibition. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7777-7784.	2.9	6
2047	Pirfenidone regulates LPS mediated activation of neutrophils. <i>Scientific Reports</i> , 2020, 10, 19936.	1.6	12
2048	Polydatin attenuates hepatic stellate cell proliferation and liver fibrosis by suppressing sphingosine kinase 1. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110586.	2.5	9
2049	Wnt Signaling Mediates Pro-Fibrogenic Activity in Human Aortic Valve Interstitial Cells. <i>Annals of Thoracic Surgery</i> , 2020, 112, 519-525.	0.7	1
2050	Anatomical and histological analyses reveal that tail repair is coupled with regrowth in wild-caught, juvenile American alligators (<i>Alligator mississippiensis</i>). <i>Scientific Reports</i> , 2020, 10, 20122.	1.6	13
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2054	The Controversial Role of Fibrosis in Autosomal Dominant Polycystic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8936.	1.8	13
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2063	The β 1D-adrenoreceptor antagonist BMY 7378 reverses cardiac hypertrophy in spontaneously hypertensive rats. Journal of Hypertension, 2020, 38, 1496-1503.	0.3	2
2064	Fate of Adipose Progenitor Cells in Obesity-Related Chronic Inflammation. Frontiers in Cell and Developmental Biology, 2020, 8, 644.	1.8	19
2065	Nucleic acid based tetrahedral framework DNA nanostructures for fibrotic diseases therapy. Applied Materials Today, 2020, 20, 100725.	2.3	7
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2070	Hepatic Stellate Cells and Hepatocarcinogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 709.	1.8	94
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2091	Interleukin-36 Cytokine/Receptor Signaling: A New Target for Tissue Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6458.	1.8	16
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2099	Transforming Growth Factor- β 2 Signaling in Fibrotic Diseases and Cancer-Associated Fibroblasts. <i>Biomolecules</i> , 2020, 10, 1666.	1.8	80
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2103	Regulatory T cells in skin injury: At the crossroads of tolerance and tissue repair. <i>Science Immunology</i> , 2020, 5, .	5.6	99
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2106	Simvastatin ameliorates altered mechanotransduction in uterine leiomyoma cells. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 733.e1-733.e14.	0.7	32
2107	Modeling atrial fibrosis in-vitro - Generation and characterization of a novel human atrial fibroblast cell line. <i>FEBS Open Bio</i> , 2020, 10, 1210-1218.	1.0	16
2108	Review article: the signalling and functional role of the extracellular matrix in the development of liver fibrosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 85-97.	1.9	28
2109	Islet pericytes convert into profibrotic myofibroblasts in a mouse model of islet vascular fibrosis. <i>Diabetologia</i> , 2020, 63, 1564-1575.	2.9	23
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2111	Gene expression in human liver fibrosis associated with <i>Echinococcus granulosus sensu lato</i> . <i>Parasitology Research</i> , 2020, 119, 2177-2187.	0.6	8
2112	Citrullinated fibrinogen is a target of auto-antibodies in interstitial lung disease in mice with collagen-induced arthritis. <i>International Immunology</i> , 2020, 32, 533-545.	1.8	12
2113	Unwinding Fibrosis in Peyronie's Disease. <i>Journal of Sexual Medicine</i> , 2020, 17, 838-840.	0.3	5
2114	Photobiomodulation therapy in diabetic wound healing. , 2020, , 305-321.		0
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2118	Cellular census of human fibrosis defines functionally distinct stromal cell types and states. <i>Nature Communications</i> , 2020, 11, 2768.	5.8	23
2119	Expression of Collagen (Types I, III, and V), HSP47, MMP-2, and TIMP-1 in Retrobulbar Adipose Tissue of Patients with Thyroid-Associated Orbitopathy. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-5.	0.6	5
2120	Transcriptome analysis identifies genes involved with the development of umbilical hernias in pigs. <i>PLoS ONE</i> , 2020, 15, e0232542.	1.1	10
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2123	Peroxisome Proliferator-Activated Receptors: Experimental Targeting for the Treatment of Inflammatory Bowel Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 730.	1.6	78
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2127	Repositioning of pentoxifylline as an immunomodulator and regulator of the renin-angiotensin system in the treatment of COVID-19. <i>Medical Hypotheses</i> , 2020, 144, 109988.	0.8	21
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2130	Serum biomarkers of fibrostenotic Crohn's disease: Where are we now?. <i>Journal of Digestive Diseases</i> , 2020, 21, 336-341.	0.7	2
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2135	Current and Potential New Targets in Systemic Sclerosis Therapy: a New Hope. <i>Current Rheumatology Reports</i> , 2020, 22, 42.	2.1	32
2136	Radiation-Induced Lung Fibrosis: Preclinical Animal Models and Therapeutic Strategies. <i>Cancers</i> , 2020, 12, 1561.	1.7	56
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2138	Endothelial-to-mesenchymal transition compromises vascular integrity to induce Myc-mediated metabolic reprogramming in kidney fibrosis. <i>Science Signaling</i> , 2020, 13, .	1.6	59
2139	Androgen aggravates liver fibrosis by activation of NLRP3 inflammasome in CCl ₄ -induced liver injury mouse model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E817-E829.	1.8	24
2140	Prominence of IL6, IGF, TLR, and Bioenergetics Pathway Perturbation in Lung Tissues of Scleroderma Patients With Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 383.	2.2	40
2141	Microenvironmental Alterations in Carbon Nanotube-Induced Lung Inflammation and Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 126.	1.8	7
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2143	The role of tumor-stroma interactions on desmoplasia and tumorigenicity within a microengineered 3D platform. <i>Biomaterials</i> , 2020, 247, 119975.	5.7	29
2144	Sex related differences in the pathogenesis of organ fibrosis. <i>Translational Research</i> , 2020, 222, 41-55.	2.2	31
2145	Transforming growth factor beta 1 levels in the blood of pediatric liver recipients: Clinical and biochemical correlations. <i>Pediatric Transplantation</i> , 2020, 24, e13693.	0.5	2
2146	Endothelin Receptor Antagonists: Status Quo and Future Perspectives for Targeted Therapy. <i>Journal of Clinical Medicine</i> , 2020, 9, 824.	1.0	64
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2149	An Unusual Cause of Esophageal Mass and Bleeding. <i>Gastroenterology</i> , 2020, 159, 446-448.	0.6	0
2150	Liver, Tumor and Viral Hepatitis: Key Players in the Complex Balance Between Tolerance and Immune Activation. <i>Frontiers in Immunology</i> , 2020, 11, 552.	2.2	14
2151	Zi Shen Huo Luo Formula Enhances the Therapeutic Effects of Angiotensin-Converting Enzyme Inhibitors on Hypertensive Left Ventricular Hypertrophy by Interfering With Aldosterone Breakthrough and Affecting Caveolin-1/Mineralocorticoid Receptor Colocalization and Downstream Extracellular Signal-Regulated Kinase Signaling. <i>Frontiers in Pharmacology</i> , 2020, 11, 383.	1.6	7

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2153	Administration of Steamed and Freeze-Dried Mature Silkworm Larval Powder Prevents Hepatic Fibrosis and Hepatocellular Carcinogenesis by Blocking TGF- β 2/STAT3 Signaling Cascades in Rats. <i>Cells</i> , 2020, 9, 568.	1.8	11
2154	Molecular imaging of extracellular matrix proteins with targeted probes using magnetic resonance imaging. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1622.	3.3	15
2155	Anti-fibrotic effect of iguratimod on pulmonary fibrosis by inhibiting the fibroblast-to-myofibroblast transition. <i>Advances in Medical Sciences</i> , 2020, 65, 338-347.	0.9	11
2156	Analysis of mast cells and myocardial fibrosis in autopsied patients with hypertensive heart disease. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 89-96.	0.2	0
2157	Detecting Collagen Molecules at Picogram Level through Electric Field-Induced Accumulation. <i>Sensors</i> , 2020, 20, 3567.	2.1	11
2158	Overview on Keloid Disorder: Phenotypic Spectrum, Connective Tissue Pathology, and Treatment Development. <i>International Journal of Dermatology and Venereology</i> , 2020, 3, 97-103.	0.1	1
2159	Control of fibroblast shape in sequentially formed 3D hybrid hydrogels regulates cellular responses to microenvironmental cues. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	20
2160	Integrin alpha-5 silencing leads to myofibroblastic differentiation in IPF-derived human lung fibroblasts. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232093602.	1.1	5
2161	Sequential Wnt Agonist Then Antagonist Treatment Accelerates Tissue Repair and Minimizes Fibrosis. <i>IScience</i> , 2020, 23, 101047.	1.9	9
2162	Elucidating Potential Profibrotic Mechanisms of Emerging Biomarkers for Early Prognosis of Hepatic Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4737.	1.8	10
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2164	Kupffer cells mediate the recruitment of hepatic stellate cells into the localized liver damage. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 474-479.	1.0	15
2165	Activin A induces tumorigenesis of leiomyoma via regulation of p38 β MAPK-mediated signal cascade. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 379-385.	1.0	6
2166	IL-11 in cardiac and renal fibrosis: Late to the party but a central player. <i>British Journal of Pharmacology</i> , 2020, 177, 1695-1708.	2.7	59
2167	<i>N</i>-acetylserylasparyllysylproline is a valuable endogenous antifibrotic peptide for kidney fibrosis in diabetes: An update and translational aspects. <i>Journal of Diabetes Investigation</i> , 2020, 11, 516-526.	1.1	13
2168	4-Octyl itaconate protects against renal fibrosis via inhibiting TGF- β 2/Smad pathway, autophagy and reducing generation of reactive oxygen species. <i>European Journal of Pharmacology</i> , 2020, 873, 172989.	1.7	42
2169	Honokiol: A polyphenol neolignan ameliorates pulmonary fibrosis by inhibiting TGF- β 2/Smad signaling, matrix proteins and IL-6/CD44/STAT3 axis both in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2020, 391, 114913.	1.3	34

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2171	ColXV Aggravates Adipocyte Apoptosis by Facilitating Abnormal Extracellular Matrix Remodeling in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 959.	1.8	3
2172	Response of Human Macrophages to Clinically Applied Wound Dressings Loaded With Silver. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 124.	2.0	16
2173	Time-dependent diffusion MRI as a probe of microstructural changes in a mouse model of Duchenne muscular dystrophy. <i>NMR in Biomedicine</i> , 2020, 33, e4276.	1.6	7
2174	Targeting the NLRP3 inflammasome to treat cardiovascular fibrosis. , 2020, 209, 107511.		63
2176	RNAi nanotherapy for fibrosis: highly durable knockdown of CTGF/CCN-2 using siRNA-DegradaBALL (LEM-S401) to treat skin fibrotic diseases. <i>Nanoscale</i> , 2020, 12, 6385-6393.	2.8	19
2177	Are oxidative stress and ischemia significant causes of bladder damage leading to lower urinary tract dysfunction? Report from the ICIERS 2019. <i>Neurourology and Urodynamics</i> , 2020, 39, S16-S22.	0.8	21
2178	Mechanisms of Cannabinoids and Potential Applicability to Skin Diseases. <i>Clinical Drug Investigation</i> , 2020, 40, 293-304.	1.1	13
2179	N-Acetyl-L-Cysteine Reduces Fibrosis and Improves Muscle Function After Acute Compartment Syndrome Injury. <i>Military Medicine</i> , 2020, 185, 25-34.	0.4	4
2180	Fibrocytes, Wound Healing, and Corneal Fibrosis. , 2020, 61, 28.		79
2181	Natural Plant Extract Berbamine Is a Potent Inhibitor of Cell Growth and Survival of Human Tenon's Fibroblasts. <i>Ophthalmic Research</i> , 2020, 63, 555-563.	1.0	1
2182	Transient receptor potential channels TRPC1/TRPC6 regulate lamina cribrosa cell extracellular matrix gene transcription and proliferation. <i>Experimental Eye Research</i> , 2020, 193, 107980.	1.2	9
2183	Neovascularization is a key feature of liver fibrosis progression: anti-angiogenesis as an innovative way of liver fibrosis treatment. <i>Molecular Biology Reports</i> , 2020, 47, 2279-2288.	1.0	30
2184	Detection of Hepatitis C virus and the risk of transmission among pregnant and nursing mothers from rural and urban communities in Kogi State, Nigeria. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 231-244.	0.5	0
2185	Wu-Mei-Wan ameliorates chronic colitis-associated intestinal fibrosis through inhibiting fibroblast activation. <i>Journal of Ethnopharmacology</i> , 2020, 252, 112580.	2.0	31
2186	Protective effect of EX-527 against high-fat diet-induced diabetic nephropathy in Zucker rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 390, 114899.	1.3	18
2188	TGF β 1-Smad canonical and -Erk noncanonical pathways participate in interleukin-17-induced epithelial-mesenchymal transition in Sjögren's syndrome. <i>Laboratory Investigation</i> , 2020, 100, 824-836.	1.7	28
2189	Diagnostic role of collagen-III and matrix metalloproteinase-1 for early detection of hepatocellular carcinoma. <i>British Journal of Biomedical Science</i> , 2020, 77, 58-63.	1.2	7

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2191	Keeping Fibrotic Responses in Contractile Tissues at Bay: The Plot t(Hic1)ens. <i>Cell Stem Cell</i> , 2020, 26, 129-130.	5.2	2
2192	Mechanobiology, tissue development, and tissue engineering. , 2020, , 237-256.		3
2193	Anti-fibrosis activity of quercetin attenuates rabbit tracheal stenosis via the TGF- β 2/AKT/mTOR signaling pathway. <i>Life Sciences</i> , 2020, 250, 117552.	2.0	36
2194	Theoretical basis for optimal surgical incision planning to reduce hypertrophic scar formation. <i>Medical Hypotheses</i> , 2020, 140, 109672.	0.8	5
2195	Interleukin-34 Stimulates Gut Fibroblasts to Produce Collagen Synthesis. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1436-1445.	0.6	30
2196	Macrophages: The Potent Immunoregulatory Innate Immune Cells. , 0, , .		28
2197	Noninvasive Young's modulus visualization of fibrosis progression and delineation of pancreatic ductal adenocarcinoma (PDAC) tumors using Harmonic Motion Elastography (HME) <i>in vivo</i> . <i>Theranostics</i> , 2020, 10, 4614-4626.	4.6	33
2198	Regulatory T cells are a double-edged sword in pulmonary fibrosis. <i>International Immunopharmacology</i> , 2020, 84, 106443.	1.7	21
2199	Evolving therapies for Peyronie's disease: how can we work towards new drugs?. <i>Translational Andrology and Urology</i> , 2020, 9, S284-S294.	0.6	2
2200	Analysis of mast cells and myocardial fibrosis in autopsied patients with hypertensive heart disease. <i>Revista Portuguesa De Cardiologia</i> , 2020, 39, 89-96.	0.2	9
2201	Characterization of IL-19, -20, and -24 in acute and chronic kidney diseases reveals a pro-fibrotic role of IL-24. <i>Journal of Translational Medicine</i> , 2020, 18, 172.	1.8	9
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2206	Dr <i>AFC</i> : drug repositioning through anti-fibrosis characteristic. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	5
2207	Progress in drug delivery system for fibrosis therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 47-61.	4.3	14

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3104	Identification of three hub genes related to the prognosis of idiopathic pulmonary fibrosis using bioinformatics analysis. <i>International Journal of Medical Sciences</i> , 2022, 19, 1417-1429.	1.1	5
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3106	Adipose tissue macrophage in obesity-associated metabolic diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	28
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3108	The hypoxia-inducible factor-1 α prolyl hydroxylase inhibitor FG4592 ameliorates renal fibrosis by inducing the H3K9 demethylase JMJD1A. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, F539-F552.	1.3	6
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3111	Macrophage derived miR-7219 α -3p-containing exosomes mediate fibroblast trans-differentiation by targeting SPRY1 in silicosis. <i>Toxicology</i> , 2022, 479, 153310.	2.0	5
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3117	Intact Fibroblast Growth Factor 23 Regulates Chronic Kidney Disease-Induced Myocardial Fibrosis by Activating the Sonic Hedgehog Signaling Pathway. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	1
3118	Wnt/PCatenin inhibitor pyrvinium attenuates cisplatin-induced acute kidney injury by possibly reducing platinum uptake and accumulation mediated by reduced OCT-2 expressions. <i>Canadian Journal of Physiology and Pharmacology</i> , 0, , .	0.7	0
3119	Subcutaneous immunoglobulin therapy for refractory skin thickening in rapidly progressive systemic sclerosis: A case report and literature review. <i>Journal of Scleroderma and Related Disorders</i> , 0, , 239719832211241.	1.0	1
3120	Parasitological and histopathological studies to the effect of aqueous extract of <i>Moringa oleifera</i> Lam. leaves combined with praziquantel therapy in modulating the liver and spleen damage induced by <i>Schistosoma mansoni</i> to male mice. <i>Environmental Science and Pollution Research</i> , 2023, 30, 15548-15560.	2.7	2
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3154	Immune cell dysregulation as a mediator of fibrosis in systemic sclerosis. <i>Nature Reviews Rheumatology</i> , 2022, 18, 683-693.	3.5	18
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