Yufang Shi

List of Publications by Citations

182 papers	19,905 citations	58 h-index	140 g-index
193 ext. papers	23,870 ext. citations	12.1 avg, IF	6.67 L-index

#	Paper	IF	Citations
182	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
181	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. *Cancer Cell*, **2006**, 10, 51-64	24.3	1547
180	Mesenchymal stem cell-mediated immunosuppression occurs via concerted action of chemokines and nitric oxide. *Cell Stem Cell*, **2008**, 2, 141-50	18	1463
179	Interleukin-10 and related cytokines and receptors. *Annual Review of Immunology*, **2004**, 22, 929-79	34.7	915
178	Plasticity of mesenchymal stem cells in immunomodulation: pathological and therapeutic implications. *Nature Immunology*, **2014**, 15, 1009-16	19.1	817
177	Mesenchymal stem cells derived from human gingiva are capable of immunomodulatory functions and ameliorate inflammation-related tissue destruction in experimental colitis. *Journal of Immunology*, **2009**, 183, 7787-98	5.3	524
176	Cyclosporin A inhibits activation-induced cell death in T-cell hybridomas and thymocytes. *Nature*, **1989**, 339, 625-6	50.4	468
175	Species variation in the mechanisms of mesenchymal stem cell-mediated immunosuppression. *Stem Cells*, **2009**, 27, 1954-62	5.8	458
174	Inflammatory cytokine-induced intercellular adhesion molecule-1 and vascular cell adhesion molecule-1 in mesenchymal stem cells are critical for immunosuppression. *Journal of Immunology*, **2010**, 184, 2321-8	5.3	446
173	How mesenchymal stem cells interact with tissue immune responses. *Trends in Immunology*, **2012**, 33, 136-43	14.4	406
172	Mesenchymal stem cells: a new strategy for immunosuppression and tissue repair. *Cell Research*, **2010**, 20, 510-8	24.7	392
171	The end of the (cell) line: methods for the study of apoptosis in vitro. *Methods in Cell Biology*, **1995**, 46, 153-85	1.8	379
170	New horizons in tumor microenvironment biology: challenges and opportunities. *BMC Medicine*, **2015**, 13, 45	11.4	378
169	Immunoregulatory mechanisms of mesenchymal stem and stromal cells in inflammatory diseases. *Nature Reviews Nephrology*, **2018**, 14, 493-507	14.9	369
168	Granulocyte-macrophage colony-stimulating factor (GM-CSF) and T-cell responses: what we do and don₹ know. *Cell Research*, **2006**, 16, 126-33	24.7	330
167	The microRNA miR-23b suppresses IL-17-associated autoimmune inflammation by targeting TAB2, TAB3 and IKK-□*Nature Medicine*, **2012**, 18, 1077-86	50.5	325
166	Immunological characterization of multipotent mesenchymal stromal cells--The International Society for Cellular Therapy (ISCT) working proposal. *Cytotherapy*, **2013**, 15, 1054-61	4.8	285

165	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. *Cytotherapy*, **2016**, 18, 151-9	4.8	278
164	Concise review: mesenchymal stem cells and translational medicine: emerging issues. *Stem Cells Translational Medicine*, **2012**, 1, 51-8	6.9	248
163	Tumour-associated mesenchymal stem/stromal cells: emerging therapeutic targets. *Nature Reviews Drug Discovery*, **2017**, 16, 35-52	64.1	236
162	CCR2-dependent recruitment of macrophages by tumor-educated mesenchymal stromal cells promotes tumor development and is mimicked by TNF *Cell Stem Cell*, **2012**, 11, 812-24	18	226
161	Immunomodulatory properties of stem cells from human exfoliated deciduous teeth. *Stem Cell Research and Therapy*, **2010**, 1, 5	8.3	216
160	IL-17RE is the functional receptor for IL-17C and mediates mucosal immunity to infection with intestinal pathogens. *Nature Immunology*, **2011**, 12, 1151-8	19.1	216
159	Transforming growth factor beta is dispensable for the molecular orchestration of Th17 cell differentiation. *Journal of Experimental Medicine*, **2009**, 206, 2407-16	16.6	176
158	Chronic restraint stress promotes lymphocyte apoptosis by modulating CD95 expression. *Journal of Experimental Medicine*, **2000**, 191, 1423-8	16.6	146
157	Fas-mediated cell death promoted by opioids. *Nature*, **1999**, 397, 218	50.4	144
156	Lessons learned from the blockade of immune checkpoints in cancer immunotherapy. *Journal of Hematology and Oncology*, **2018**, 11, 31	22.4	141
155	An osteopontin-integrin interaction plays a critical role in directing adipogenesis and osteogenesis by mesenchymal stem cells. *Stem Cells*, **2014**, 32, 327-37	5.8	141
154	Mesenchymal stem cells use IDO to regulate immunity in tumor microenvironment. *Cancer Research* , **2014**, 74, 1576-87	10.1	140
153	Reprogramming fibroblasts into bipotential hepatic stem cells by defined factors. *Cell Stem Cell*, **2013**, 13, 328-40	18	131
152	Apoptosis signaling pathways and lymphocyte homeostasis. *Cell Research*, **2007**, 17, 759-71	24.7	130
151	CD11b facilitates the development of peripheral tolerance by suppressing Th17 differentiation. *Journal of Experimental Medicine*, **2007**, 204, 1519-24	16.6	121
150	Alterations in the microbiota drive interleukin-17C production from intestinal epithelial cells to promote tumorigenesis. *Immunity*, **2014**, 40, 140-52	32.3	120
149	A microRNA 221- and 222-mediated feedback loop maintains constitutive activation of NFB and STAT3 in colorectal cancer cells. *Gastroenterology*, **2014**, 147, 847-859.e11	13.3	119
148	Immunosuppressive properties of cloned bone marrow mesenchymal stem cells. *Cell Research*, **2007**, 17, 240-8	24.7	119

147	Harnessing tumor-associated macrophages as aids for cancer immunotherapy. *Molecular Cancer*, **2019**, 18, 177	42.1	116
146	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). *Cell Death and Differentiation*, **2020**, 27, 3196-3207	12.7	115
145	Modulation of experimental autoimmune encephalomyelitis through TRAF3-mediated suppression of interleukin 17 receptor signaling. *Journal of Experimental Medicine*, **2010**, 207, 2647-62	16.6	114
144	Leukemia inhibitory factor inhibits T helper 17 cell differentiation and confers treatment effects of neural progenitor cell therapy in autoimmune disease. *Immunity*, **2011**, 35, 273-84	32.3	112
143	NLRC5 regulates MHC class I antigen presentation in host defense against intracellular pathogens. *Cell Research*, **2012**, 22, 836-47	24.7	106
142	Granzyme B is critical for T cell receptor-induced cell death of type 2 helper T cells. *Immunity*, **2006**, 25, 237-47	32.3	104
141	The role of IL-6 in inhibition of lymphocyte apoptosis by mesenchymal stem cells. *Biochemical and Biophysical Research Communications*, **2007**, 361, 745-50	3.4	93
140	Effects of human mesenchymal stem cells on the differentiation of dendritic cells from CD34+ cells. *Stem Cells and Development*, **2007**, 16, 719-31	4.4	89
139	Bone marrow stromal cells from multiple myeloma patients uniquely induce bortezomib resistant NF-kappaB activity in myeloma cells. *Molecular Cancer*, **2010**, 9, 176	42.1	83
138	Mesenchymal stem cells alleviate bacteria-induced liver injury in mice by inducing regulatory dendritic cells. *Hepatology*, **2014**, 59, 671-82	11.2	82
137	Limited acquisition of chromosomal aberrations in human adult mesenchymal stromal cells. *Cell Stem Cell*, **2012**, 10, 9-10; author reply 10-1	18	78
136	Kynurenic acid, an IDO metabolite, controls TSG-6-mediated immunosuppression of human mesenchymal stem cells. *Cell Death and Differentiation*, **2018**, 25, 1209-1223	12.7	78
135	TGF- promotes immune responses in the presence of mesenchymal stem cells. *Journal of Immunology*, **2014**, 192, 103-9	5.3	77
134	Mesenchymal stem cells and adaptive immune responses. *Immunology Letters*, **2015**, 168, 147-53	4.1	73
133	miR-155 regulates immune modulatory properties of mesenchymal stem cells by targeting TAK1-binding protein 2. *Journal of Biological Chemistry*, **2013**, 288, 11074-9	5.4	69
132	The role of immunosuppression of mesenchymal stem cells in tissue repair and tumor growth. *Cell and Bioscience*, **2012**, 2, 8	9.8	68
131	The histone H3 lysine-27 demethylase Jmjd3 plays a critical role in specific regulation of Th17 cell differentiation. *Journal of Molecular Cell Biology*, **2015**, 7, 505-16	6.3	67
130	Fungal metabolite FR901228 inhibits c-Myc and Fas ligand expression. *Oncogene*, **1998**, 17, 1503-8	9.2	66

129	Regulation of activation-induced receptor activator of NF-kappaB ligand (RANKL) expression in T cells. *European Journal of Immunology*, **2002**, 32, 1090-8	6.1	66
128	Stressed to death: implication of lymphocyte apoptosis for psychoneuroimmunology. *Brain, Behavior, and Immunity*, **2003**, 17 Suppl 1, S18-26	16.6	64
127	Apoptotic cells induce immunosuppression through dendritic cells: critical roles of IFN-gamma and nitric oxide. *Journal of Immunology*, **2008**, 181, 3277-84	5.3	62
126	Brief report: interferon-gamma induces expansion of Lin(-)Sca-1(+)C-Kit(+) Cells. *Stem Cells*, **2010**, 28, 122-6	5.8	59
125	Osteopontin regulates hindlimb-unloading-induced lymphoid organ atrophy and weight loss by modulating corticosteroid production. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 14777-82	11.5	58
124	Is hydroxychloroquine beneficial for COVID-19 patients?. *Cell Death and Disease*, **2020**, 11, 512	9.8	57
123	CD11b regulates obesity-induced insulin resistance via limiting alternative activation and proliferation of adipose tissue macrophages. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E7239-48	11.5	57
122	TRAF6-dependent Act1 phosphorylation by the IB kinase-related kinases suppresses interleukin-17-induced NF-B activation. *Molecular and Cellular Biology*, **2012**, 32, 3925-37	4.8	57
121	Thyroid hormone induces apoptosis in primary cell cultures of tadpole intestine: cell type specificity and effects of extracellular matrix. *Journal of Cell Biology*, **1997**, 139, 1533-43	7.3	57
120	Immunosuppressive effect of bone marrow-derived mesenchymal stem cells in inflammatory microenvironment favours the growth of B16 melanoma cells. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 2343-52	5.6	56
119	One cell, multiple roles: contribution of mesenchymal stem cells to tumor development in tumor microenvironment. *Cell and Bioscience*, **2013**, 3, 5	9.8	53
118	Promotion and inhibition of activation-induced apoptosis in T-cell hybridomas by oncogenes and related signals. *Immunological Reviews*, **1994**, 142, 321-42	11.3	51
117	The role of activation-induced cell death in the differentiation of T-helper-cell subsets. *Immunologic Research*, **2003**, 28, 285-93	4.3	50
116	COVID-19 infection: the China and Italy perspectives. *Cell Death and Disease*, **2020**, 11, 438	9.8	49
115	The opioid antagonist naltrexone blocks acute endotoxic shock by inhibiting tumor necrosis factor-alpha production. *Brain, Behavior, and Immunity*, **2004**, 18, 476-84	16.6	49
114	IGF-2 Preprograms Maturing Macrophages to Acquire Oxidative Phosphorylation-Dependent Anti-inflammatory Properties. *Cell Metabolism*, **2019**, 29, 1363-1375.e8	24.6	47
113	Iron-dependent histone 3 lysine 9 demethylation controls B cell proliferation and humoral immune responses. *Nature Communications*, **2019**, 10, 2935	17.4	47
112	Cell cycle progression out of G1 sensitizes primary-cultured nontransformed T cells to TCR-mediated apoptosis. *Cellular Immunology*, **1996**, 170, 260-73	4.4	47

111	Adhesion molecules: key players in Mesenchymal stem cell-mediated immunosuppression. *Cell Adhesion and Migration*, **2011**, 5, 20-2	3.2	45
110	A rapid, multiwell colorimetric assay for chemotaxis. *Journal of Immunological Methods*, **1993**, 164, 149-54	2.5	44
109	Heterochromatin protein 1 promotes self-renewal and triggers regenerative proliferation in adult stem cells. *Journal of Cell Biology*, **2013**, 201, 409-25	7.3	43
108	Natural killer T cells and CD8+ T cells are dispensable for T cell-dependent allergic airway inflammation. *Nature Medicine*, **2006**, 12, 1345-6; author reply 1347	50.5	43
107	Persistent stimulation with interleukin-17 desensitizes cells through SCF□TrCP-mediated degradation of Act1. *Science Signaling*, **2011**, 4, ra73	8.8	40
106	BCG vaccination policy and preventive chloroquine usage: do they have an impact on COVID-19 pandemic?. *Cell Death and Disease*, **2020**, 11, 516	9.8	39
105	MSCs: science and trials. *Nature Medicine*, **2013**, 19, 812	50.5	38
104	Single cell transcriptomic analysis of human mesenchymal stem cells reveals limited heterogeneity. *Cell Death and Disease*, **2019**, 10, 368	9.8	34
103	Emerging predictors of the response to the blockade of immune checkpoints in cancer therapy. *Cellular and Molecular Immunology*, **2019**, 16, 28-39	15.4	34
102	AChE deficiency or inhibition decreases apoptosis and p53 expression and protects renal function after ischemia/reperfusion. *Apoptosis: an International Journal on Programmed Cell Death*, **2010**, 15, 474-87	5.4	34
101	Combinatorial mRNA binding by AUF1 and Argonaute 2 controls decay of selected target mRNAs. *Nucleic Acids Research*, **2013**, 41, 2644-58	20.1	33
100	Blockade of osteopontin reduces alloreactive CD8+ T cell-mediated graft-versus-host disease. *Blood*, **2011**, 117, 1723-33	2.2	33
99	New hope for cancer treatment: exploring the distinction between normal adult stem cells and cancer stem cells **2008**, 119, 74-82		33
98	Antigen-specific CD8 T cell feedback activates NLRP3 inflammasome in antigen-presenting cells through perforin. *Nature Communications*, **2017**, 8, 15402	17.4	32
97	Th17 cells undergo Fas-mediated activation-induced cell death independent of IFN-gamma. *Journal of Immunology*, **2008**, 181, 190-6	5.3	32
96	Chronic morphine treatment promotes specific Th2 cytokine production by murine T cells in vitro via a Fas/Fas ligand-dependent mechanism. *Journal of Immunology*, **2005**, 175, 4999-5005	5.3	31
95	Differential regulation of the expression of CD95 ligand, receptor activator of nuclear factor-kappa B ligand (RANKL), TNF-related apoptosis-inducing ligand (TRAIL), and TNF-alpha during T cell activation. *Journal of Immunology*, **2001**, 166, 1983-90	5.3	31
94	IFN□and TNF□synergistically induce apoptosis of mesenchymal stem/stromal cells via the induction of nitric oxide. *Stem Cell Research and Therapy*, **2019**, 10, 18	8.3	31

93	Cyclosporin A but not FK506 inhibits thyroid hormone-induced apoptosis in tadpole intestinal epithelium. *FASEB Journal*, **1997**, 11, 559-65	0.9	30
92	Do Mutations Turn p53 into an Oncogene?. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	30
91	Exome sequencing identifies frequent mutation of MLL2 in non-small cell lung carcinoma from Chinese patients. *Scientific Reports*, **2014**, 4, 6036	4.9	29
90	The roles of testicular c-kit positive cells in de novo morphogenesis of testis. *Scientific Reports*, **2014**, 4, 5936	4.9	29
89	DNA fragmentation induced by cytotoxic T lymphocytes can result in target cell death. *Experimental Cell Research*, **1993**, 206, 302-10	4.2	29
88	p53-Mediated Tumor Suppression: DNA-Damage Response and Alternative Mechanisms. *Cancers*, **2019**, 11,	6.6	29
87	Eosinophil recruitment is dynamically regulated by interplay among lung dendritic cell subsets after allergen challenge. *Nature Communications*, **2018**, 9, 3879	17.4	29
86	Contribution and Mobilization of Mesenchymal Stem Cells in a mouse model of carbon tetrachloride-induced liver fibrosis. *Scientific Reports*, **2015**, 5, 17762	4.9	28
85	Immune activation induces immortalization of HTLV-1 LTR-Tax transgenic CD4+ T cells. *Blood*, **2010**, 116, 2994-3003	2.2	27
84	Lack of association between bovine leukemia virus and breast cancer in Chinese patients. *Breast Cancer Research*, **2016**, 18, 101	8.3	27
83	Autophagy is Required for the Maintenance of Liver Progenitor Cell Functionality. *Cellular Physiology and Biochemistry*, **2015**, 36, 1163-74	3.9	26
82	The IB family member Bcl-3 stabilizes c-Myc in colorectal cancer. *Journal of Molecular Cell Biology*, **2013**, 5, 280-2	6.3	26
81	Weak platelet agonists and U46619 induce apoptosis-like events in platelets, in the absence of phosphatidylserine exposure. *Thrombosis Research*, **2002**, 107, 345-50	8.2	26
80	Liquid biopsies and cancer omics. *Cell Death Discovery*, **2020**, 6, 131	6.9	25
79	C/EBPbeta mediates synergistic upregulation of gene expression by interferon-gamma and tumor necrosis factor-alpha in bone marrow-derived mesenchymal stem cells. *Stem Cells*, **2009**, 27, 942-8	5.8	25
78	Cancer predictive studies. *Biology Direct*, **2020**, 15, 18	7.2	23
77	Aging-associated oxidative stress inhibits liver progenitor cell activation in mice. *Aging*, **2017**, 9, 1359-1374	5.6	22
76	Intelligent Photosensitive Mesenchymal Stem Cells and Cell-Derived Microvesicles for Photothermal Therapy of Prostate Cancer. *Nanotheranostics*, **2019**, 3, 41-53	5.6	21

75	Mesenchymal stem cells suppress leukemia via macrophage-mediated functional restoration of bone marrow microenvironment. *Leukemia*, **2020**, 34, 2375-2383	10.7	20
74	Adjunctive MSCs enhance myelin formation by xenogenic oligodendrocyte precursors transplanted in the retina. *Cell Research*, **2010**, 20, 728-31	24.7	20
73	Scd1 controls de novo beige fat biogenesis through succinate-dependent regulation of mitochondrial complex II. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2462-2472	11.5	19
72	Chloramphenicol induces abnormal differentiation and inhibits apoptosis in activated T cells. *Cancer Research*, **2008**, 68, 4875-81	10.1	18
71	HDAC inhibition potentiates anti-tumor activity of macrophages and enhances anti-PD-L1-mediated tumor suppression. *Oncogene*, **2021**, 40, 1836-1850	9.2	18
70	Autocrine interleukin-6 drives skin-derived mesenchymal stem cell trafficking via regulating voltage-gated Ca(2+) channels. *Stem Cells*, **2014**, 32, 2799-810	5.8	17
69	The yins and yangs of ceramide. *Cell Research*, **1999**, 9, 1-10	24.7	17
68	Syncytia formation during SARS-CoV-2 lung infection: a disastrous unity to eliminate lymphocytes. *Cell Death and Differentiation*, **2021**, 28, 2019-2021	12.7	17
67	Irradiation induces cancer lung metastasis through activation of the cGAS-STING-CCL5 pathway in mesenchymal stromal cells. *Cell Death and Disease*, **2020**, 11, 326	9.8	16
66	Integrative analysis reveals enhanced regulatory effects of human long intergenic non-coding RNAs in lung adenocarcinoma. *Journal of Genetics and Genomics*, **2015**, 42, 423-36	4	15
65	SHP1 Regulates Bone Mass by Directing Mesenchymal Stem Cell Differentiation. *Cell Reports*, **2016**, 16, 769-80	10.6	15
64	miR-449a inhibits colorectal cancer progression by targeting SATB2. *Oncotarget*, **2017**, 8, 100975-100988	3.3	15
63	Loss of p53 in mesenchymal stem cells promotes alteration of bone remodeling through negative regulation of osteoprotegerin. *Cell Death and Differentiation*, **2021**, 28, 156-169	12.7	15
62	Skeletal muscle stem cells confer maturing macrophages anti-inflammatory properties through insulin-like growth factor-2. *Stem Cells Translational Medicine*, **2020**, 9, 773-785	6.9	14
61	Effects of Wharton's jelly-derived mesenchymal stem cells on neonatal neutrophils. *Journal of Inflammation Research*, **2015**, 8, 1-8	4.8	14
60	In vivo post-transcriptional regulation of CD154 in mouse CD4+ T cells. *European Journal of Immunology*, **2009**, 39, 2224-32	6.1	14
59	Can COVID-19 pandemic boost the epidemic of neurodegenerative diseases?. *Biology Direct*, **2020**, 15, 28	7.2	14
58	Mesenchymal stromal cells pretreated with pro-inflammatory cytokines promote skin wound healing through VEGFC-mediated angiogenesis. *Stem Cells Translational Medicine*, **2020**, 9, 1218-1232	6.9	13

57	SSC(high)CD11b(high)Ly-6C(high)Ly-6G(low) myeloid cells curtail CD4 T cell response by inducible nitric oxide synthase in murine hepatitis. *International Journal of Biochemistry and Cell Biology*, **2014** , 54, 89-97	5.6	13
56	A novel subset of helper T cells promotes immune responses by secreting GM-CSF. *Cell Death and Differentiation*, **2013**, 20, 1731-41	12.7	12
55	Bone marrow stromal cells induce apoptosis of lymphoma cells in the presence of IFNgamma and TNF by producing nitric oxide. *Biochemical and Biophysical Research Communications*, **2008**, 375, 666-70	3.4	12
54	Spermidine endows macrophages anti-inflammatory properties by inducing mitochondrial superoxide-dependent AMPK activation, Hif-1 upregulation and autophagy. *Free Radical Biology and Medicine*, **2020**, 161, 339-350	7.8	12
53	Natural killer cells go inside: entosis versus cannibalism. *Cell Research*, **2009**, 19, 1320-1	24.7	11
52	Overexpression of insulin receptor substrate-1, but not insulin receptor substrate-2, protects a T cell hybridoma from activation-induced cell death. *Journal of Immunology*, **2002**, 168, 6215-23	5.3	11
51	Macrophages inhibit adipogenic differentiation of adipose tissue derived mesenchymal stem/stromal cells by producing pro-inflammatory cytokines. *Cell and Bioscience*, **2020**, 10, 88	9.8	11
50	The secretion profile of mesenchymal stem cells and potential applications in treating human diseases.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 92	21	11
49	Skin immunity and its dysregulation in psoriasis. *Cell Cycle*, **2019**, 18, 2581-2589	4.7	10
48	Mesenchymal stem cells prevent restraint stress-induced lymphocyte depletion via interleukin-4. *Brain, Behavior, and Immunity*, **2014**, 38, 125-32	16.6	10
47	Global mapping of cancers: The Cancer Genome Atlas and beyond. *Molecular Oncology*, **2021**, 15, 2823-2840	7.9	10
46	Interleukin-17 promotes nitric oxide-dependent expression of PD-L1 in mesenchymal stem cells. *Cell and Bioscience*, **2020**, 10, 73	9.8	9
45	Identification and characterization of survival-related gene, a novel cell survival gene controlling apoptosis and tumorigenesis. *Cancer Research*, **2005**, 65, 10716-24	10.1	9
44	Inflammatory cytokines-stimulated human muscle stem cells ameliorate ulcerative colitis via the IDO-TSG6 axis. *Stem Cell Research and Therapy*, **2021**, 12, 50	8.3	9
43	Phosphatase SHP1 impedes mesenchymal stromal cell immunosuppressive capacity modulated by JAK1/STAT3 and P38 signals. *Cell and Bioscience*, **2020**, 10, 65	9.8	8
42	Skin immunity and its dysregulation in atopic dermatitis, hidradenitis suppurativa and vitiligo. *Cell Cycle*, **2020**, 19, 257-267	4.7	8
41	Adipose-derived mesenchymal stromal cells promote corneal wound healing by accelerating the clearance of neutrophils in cornea. *Cell Death and Disease*, **2020**, 11, 707	9.8	8
40	Mesenchymal stromal cell variables influencing clinical potency: the impact of viability, fitness, route of administration and host predisposition. *Cytotherapy*, **2021**, 23, 368-372	4.8	8

39	IGF2R-initiated proton rechanneling dictates an anti-inflammatory property in macrophages. *Science Advances*, **2020**, 6,	14.3	7
38	Single-Cell Transcriptome Analysis Reveals Six Subpopulations Reflecting Distinct Cellular Fates in Senescent Mouse Embryonic Fibroblasts. *Frontiers in Genetics*, **2020**, 11, 867	4.5	7
37	FOXO3, a Molecular Search for the Fountain of Youth. *Cell Stem Cell*, **2019**, 24, 351-352	18	6
36	Efficient co-expression of bicistronic proteins in mesenchymal stem cells by development and optimization of a multifunctional plasmid. *Stem Cell Research and Therapy*, **2011**, 2, 15	8.3	6
35	A new trick for an old drug: mTOR inhibitor rapamycin augments the effect of fluorouracil on hepatocellular carcinoma by inducing cell senescence. *Cancer Biology and Therapy*, **2008**, 7, 397-8	4.6	6
34	Pivotal roles of CD8+ T cells restricted by MHC class I-like molecules in autoimmune diseases. *Journal of Experimental Medicine*, **2006**, 203, 2603-11	16.6	6
33	A two-hit model of autoimmunity: lymphopenia and unresponsiveness to TGF-β signaling. *Cellular and Molecular Immunology*, **2012**, 9, 369-70	15.4	5
32	Lung mesenchymal stromal cells influenced by Th2 cytokines mobilize neutrophils and facilitate metastasis by producing complement C3. *Nature Communications*, **2021**, 12, 6202	17.4	5
31	Antisense oligodeoxynucleotides as probes of T-lymphocyte gene function. *Annals of the New York Academy of Sciences*, **1992**, 660, 193-203	6.5	4
30	Redressing the interactions between stem cells and immune system in tissue regeneration. *Biology Direct*, **2021**, 16, 18	7.2	4
29	ZNF281/Zfp281 is a target of miR-1 and counteracts muscle differentiation. *Molecular Oncology*, **2020**, 14, 294-308	7.9	4
28	Critical role of histone H3 lysine 27 demethylase Kdm6b in the homeostasis and function of medullary thymic epithelial cells. *Cell Death and Differentiation*, **2020**, 27, 2843-2855	12.7	3
27	HSD11B1 is upregulated synergistically by IFNβ and TNFα and mediates TSG-6 expression in human UC-MSCs. *Cell Death Discovery*, **2020**, 6, 24	6.9	3
26	Established thymic epithelial progenitor/stem cell-like cell lines differentiate into mature thymic epithelial cells and support T cell development. *PLoS ONE*, **2013**, 8, e75222	3.7	3
25	Bcl-3 promotes TNF-induced hepatocyte apoptosis by regulating the deubiquitination of RIP1. *Cell Death and Differentiation*, **2021**,	12.7	3
24	GRAd-COV2, a gorilla adenovirus-based candidate vaccine against COVID-19, is safe and immunogenic in younger and older adults. *Science Translational Medicine*, **2021**, 14, eabj1996	17.5	3
23	Consensus International Council for Commonality in Blood Banking Automation-International Society for Cell & Gene Therapy statement on standard nomenclature abbreviations for the tissue of origin of mesenchymal stromal cells. *Cytotherapy*, **2021**, 23, 1060-1063	4.8	3
22	Thromboembolism after COVID-19 vaccine in patients with preexisting thrombocytopenia. *Cell Death and Disease*, **2021**, 12, 762	9.8	3

21	Stem cells deployed for bone repair hijacked by T cells. *Cell Stem Cell*, **2012**, 10, 6-8	18	2
20	N6-methyladenosine demethylase FTO promotes growth and metastasis of gastric cancer via mA modification of caveolin-1 and metabolic regulation of mitochondrial dynamics.. *Cell Death and Disease*, **2022**, 13, 72	9.8	2
19	Recent advances in cancer immunotherapy.. *Discover Oncology*, **2021**, 12, 27		2
18	MYC, FAS, Apoptosis, and Immune Tolerance **1994**, 213-222		2
17	p63 in corneal and epidermal differentiation.. *Biochemical and Biophysical Research Communications* , **2022**, 610, 15-22	3.4	2
16	TAp63 regulates bone remodeling by modulating the expression of TNFRSF11B/Osteoprotegerin. *Cell Cycle*, **2021**, 20, 2428-2441	4.7	1
15	Serine and one-carbon metabolisms bring new therapeutic venues in prostate cancer.. *Discover Oncology*, **2021**, 12, 45		1
14	Steroids Enable Mesenchymal Stromal Cells to Promote CD8 T Cell Proliferation Via VEGF-C. *Advanced Science*, **2021**, 8, 2003712	13.6	1
13	Blastocyst-Inspired Hydrogels to Maintain Undifferentiation of Mouse Embryonic Stem Cells. *ACS Nano*, **2021**, 15, 14162-14173	16.7	1
12	Regulation of activation-induced receptor activator of NF-B ligand (RANKL) expression in T cells **2002**, 32, 1090		1
11	Heterogeneity of tyrosine-based melanin anabolism regulates pulmonary and cerebral organotropic colonization microenvironment of melanoma cells.. *Theranostics*, **2022**, 12, 2063-2079	12.1	0
10	Autophagic Flux Unleashes GATA4-NF-B Axis to Promote Antioxidant Defense-Dependent Survival of Colorectal Cancer Cells under Chronic Acidosis.. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 8189485	6.7	0
9	Ectogenic tension promotes fibrogenesis of mesenchymal stem cells through microRNA-21. *Cell Death Discovery*, **2017**, 3, 16099	6.9	
8	Fibrotic liver microenvironment promotes Dll4 and SDF-1-dependent T-cell lineage development. *Cell Death and Disease*, **2019**, 10, 440	9.8	
7	Dying T lymphocytes call for the death of tumor cells. *Cell Research*, **2006**, 16, 679-80	24.7	
6	The Mechanisms and Significance of Apoptotic Cell-Mediated Immune Regulation **2003**, 131-143		
5	Activation-Induced Cell Death and T Helper Subset Differentiation **2003**, 95-104		
4	Mitogenic Cytokines Promote Apoptosis **1997**, 113-124		

3 Inflammatory Cytokine Induced Immunosuppression in Mesenchymal Stem Cells. *FASEB Journal*, **2009**, 23, 297.4 0.9

2 The role of the extracellular matrix in the differentiation of mesenchymal stromal cells **2016**, 191-195

1 The role of paracrine factors secreted by mesenchymal stromal cells in acute tissue injury **2016**, 544-552