

# Changshun Shao

## List of Publications by Citations

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139  
papers

7,292  
citations

44  
h-index

82  
g-index

155  
ext. papers

9,397  
ext. citations

8.1  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
139	Inflammatory cytokine-induced intercellular adhesion molecule-1 and vascular cell adhesion molecule-1 in mesenchymal stem cells are critical for immunosuppression. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2321-8	5.3	446
138	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
137	Immunoregulatory mechanisms of mesenchymal stem and stromal cells in inflammatory diseases. <i>Nature Reviews Nephrology</i> , <b>2018</b> , 14, 493-507	14.9	369
136	Embryonic stem cells and somatic cells differ in mutation frequency and type. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 3586-90	11.5	253
135	Human mesenchymal stem cells inhibit cancer cell proliferation by secreting DKK-1. <i>Leukemia</i> , <b>2009</b> , 23, 925-33	10.7	235
134	CCR2-dependent recruitment of macrophages by tumor-educated mesenchymal stromal cells promotes tumor development and is mimicked by TNF- $\alpha$ . <i>Cell Stem Cell</i> , <b>2012</b> , 11, 812-24	18	226
133	Lessons learned from the blockade of immune checkpoints in cancer immunotherapy. <i>Journal of Hematology and Oncology</i> , <b>2018</b> , 11, 31	22.4	141
132	An osteopontin-integrin interaction plays a critical role in directing adipogenesis and osteogenesis by mesenchymal stem cells. <i>Stem Cells</i> , <b>2014</b> , 32, 327-37	5.8	141
131	MiR-182 overexpression in tumourigenesis of high-grade serous ovarian carcinoma. <i>Journal of Pathology</i> , <b>2012</b> , 228, 204-15	9.4	123
130	Harnessing tumor-associated macrophages as aids for cancer immunotherapy. <i>Molecular Cancer</i> , <b>2019</b> , 18, 177	42.1	116
129	HMGA2 overexpression-induced ovarian surface epithelial transformation is mediated through regulation of EMT genes. <i>Cancer Research</i> , <b>2011</b> , 71, 349-59	10.1	115
128	Mutation in CUL4B, which encodes a member of cullin-RING ubiquitin ligase complex, causes X-linked mental retardation. <i>American Journal of Human Genetics</i> , <b>2007</b> , 80, 561-6	11	113
127	Human DNA ligases I and III, but not ligase IV, are required for microhomology-mediated end joining of DNA double-strand breaks. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 3297-310	20.1	111
126	CRL4B catalyzes H2AK119 monoubiquitination and coordinates with PRC2 to promote tumorigenesis. <i>Cancer Cell</i> , <b>2012</b> , 22, 781-95	24.3	110
125	Mitotic recombination produces the majority of recessive fibroblast variants in heterozygous mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 9230-5	11.5	107
124	miR-17-5p and miR-106a are involved in the balance between osteogenic and adipogenic differentiation of adipose-derived mesenchymal stem cells. <i>Stem Cell Research</i> , <b>2013</b> , 10, 313-24	1.6	105
123	Berberine induces p53-dependent cell cycle arrest and apoptosis of human osteosarcoma cells by inflicting DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2009</b> , 662, 75-83	3.3	99

122	Isoliensinine induces apoptosis in triple-negative human breast cancer cells through ROS generation and p38 MAPK/JNK activation. <i>Scientific Reports</i> , <b>2015</b> , 5, 12579	4.9	95
121	A missense mutation in SLC33A1, which encodes the acetyl-CoA transporter, causes autosomal-dominant spastic paraplegia (SPG42). <i>American Journal of Human Genetics</i> , <b>2008</b> , 83, 752-9	11	91
120	miR-145 inhibits tumor growth and metastasis by targeting metadherin in high-grade serous ovarian carcinoma. <i>Oncotarget</i> , <b>2014</b> , 5, 10816-29	3.3	88
119	Characterization of nuclear localization signal in the N terminus of CUL4B and its essential role in cyclin E degradation and cell cycle progression. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 33320-32	5.4	86
118	Berberine induces senescence of human glioblastoma cells by downregulating the EGFR-MEK-ERK signaling pathway. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 355-63	6.1	81
117	Mesenchymal stem/stromal cells induce the generation of novel IL-10-dependent regulatory dendritic cells by SOCS3 activation. <i>Journal of Immunology</i> , <b>2012</b> , 189, 1182-92	5.3	67
116	Chromosome instability contributes to loss of heterozygosity in mice lacking p53. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 7405-10	11.5	67
115	Neferine, an alkaloid ingredient in lotus seed embryo, inhibits proliferation of human osteosarcoma cells by promoting p38 MAPK-mediated p21 stabilization. <i>European Journal of Pharmacology</i> , <b>2012</b> , 677, 47-54	5.3	64
114	Metadherin enhances the invasiveness of breast cancer cells by inducing epithelial to mesenchymal transition. <i>Cancer Science</i> , <b>2011</b> , 102, 1151-7	6.9	64
113	Replication stress induces micronuclei comprising of aggregated DNA double-strand breaks. <i>PLoS ONE</i> , <b>2011</b> , 6, e18618	3.7	61
112	Brief report: interferon-gamma induces expansion of Lin(-)Sca-1(+)C-Kit(+) Cells. <i>Stem Cells</i> , <b>2010</b> , 28, 122-6	5.8	59
111	Neferine induces autophagy of human ovarian cancer cells via p38 MAPK/ JNK activation. <i>Tumor Biology</i> , <b>2016</b> , 37, 8721-9	2.9	58
110	Berberine radiosensitizes human esophageal cancer cells by downregulating homologous recombination repair protein RAD51. <i>PLoS ONE</i> , <b>2011</b> , 6, e23427	3.7	56
109	Berberine, a genotoxic alkaloid, induces ATM-Chk1 mediated G2 arrest in prostate cancer cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 734, 20-9	3.3	53
108	Resveratrol modulates angiogenesis through the GSK3 $\beta$ /E-catenin/TCF-dependent pathway in human endothelial cells. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1386-95	6	53
107	Modulation of DNA end joining by nuclear proteins. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 31442-9	5.4	51
106	Mitotic recombination is suppressed by chromosomal divergence in hybrids of distantly related mouse strains. <i>Nature Genetics</i> , <b>2001</b> , 28, 169-72	36.3	51
105	Berberine induces oxidative DNA damage and impairs homologous recombination repair in ovarian cancer cells to confer increased sensitivity to PARP inhibition. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3070	9.8	49

104	Lack of Cul4b, an E3 ubiquitin ligase component, leads to embryonic lethality and abnormal placental development. <i>PLoS ONE</i> , <b>2012</b> , 7, e37070	3.7	49
103	APRT: a versatile in vivo resident reporter of local mutation and loss of heterozygosity. <i>Environmental and Molecular Mutagenesis</i> , <b>1996</b> , 28, 471-82	3.2	49
102	Artesunate sensitizes ovarian cancer cells to cisplatin by downregulating RAD51. <i>Cancer Biology and Therapy</i> , <b>2015</b> , 16, 1548-56	4.6	48
101	IGF-2 Preprograms Maturing Macrophages to Acquire Oxidative Phosphorylation-Dependent Anti-inflammatory Properties. <i>Cell Metabolism</i> , <b>2019</b> , 29, 1363-1375.e8	24.6	47
100	Specific deletion of TRAF3 in B lymphocytes leads to B-lymphoma development in mice. <i>Leukemia</i> , <b>2012</b> , 26, 1122-7	10.7	47
99	miR-130a upregulates mTOR pathway by targeting TSC1 and is transactivated by NF- $\kappa$ B in high-grade serous ovarian carcinoma. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 2089-2100	12.7	45
98	CUL4B activates Wnt/ $\beta$ Catenin signalling in hepatocellular carcinoma by repressing Wnt antagonists. <i>Journal of Pathology</i> , <b>2015</b> , 235, 784-95	9.4	44
97	Increased oxidative stress mediates the antitumor effect of PARP inhibition in ovarian cancer. <i>Redox Biology</i> , <b>2018</b> , 17, 99-111	11.3	42
96	Cullin 4B protein ubiquitin ligase targets peroxiredoxin III for degradation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 32344-54	5.4	41
95	miR-106a represses the Rb tumor suppressor p130 to regulate cellular proliferation and differentiation in high-grade serous ovarian carcinoma. <i>Molecular Cancer Research</i> , <b>2013</b> , 11, 1314-25	6.6	39
94	53BP1 functions as a tumor suppressor in breast cancer via the inhibition of NF- $\kappa$ B through miR-146a. <i>Carcinogenesis</i> , <b>2012</b> , 33, 2593-600	4.6	38
93	MIF produced by bone marrow-derived macrophages contributes to teratoma progression after embryonic stem cell transplantation. <i>Cancer Research</i> , <b>2012</b> , 72, 2867-78	10.1	35
92	Radiation-induced genetic instability in vivo depends on p53 status. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2002</b> , 502, 69-80	3.3	35
91	Emerging predictors of the response to the blockade of immune checkpoints in cancer therapy. <i>Cellular and Molecular Immunology</i> , <b>2019</b> , 16, 28-39	15.4	34
90	Knockdown of Pnpla6 protein results in motor neuron defects in zebrafish. <i>DMM Disease Models and Mechanisms</i> , <b>2013</b> , 6, 404-13	4.1	34
89	Chemokine receptor CXCR2 is transactivated by p53 and induces p38-mediated cellular senescence in response to DNA damage. <i>Aging Cell</i> , <b>2013</b> , 12, 1110-21	9.9	33
88	The CUL4B/AKT/ $\beta$ Catenin Axis Restricts the Accumulation of Myeloid-Derived Suppressor Cells to Prohibit the Establishment of a Tumor-Permissive Microenvironment. <i>Cancer Research</i> , <b>2015</b> , 75, 5070-83	10.1	32
87	Localization of group IIc low molecular weight phospholipase A2 mRNA to meiotic cells in the mouse. <i>Journal of Cellular Biochemistry</i> , <b>1997</b> , 64, 369-75	4.7	31

86	In vivo loss of heterozygosity in T-cells of B6C3F1 Aprt+/- mice. <i>Environmental and Molecular Mutagenesis</i> , <b>2000</b> , 35, 150-157	3.2	31
85	IFN $\gamma$ and TNF $\beta$ synergistically induce apoptosis of mesenchymal stem/stromal cells via the induction of nitric oxide. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 18	8.3	31
84	Dysregulation of the miR-194-CUL4B negative feedback loop drives tumorigenesis in non-small-cell lung carcinoma. <i>Molecular Oncology</i> , <b>2017</b> , 11, 305-319	7.9	29
83	Whole-exome sequencing identifies a variant in TMEM132E causing autosomal-recessive nonsyndromic hearing loss DFNB99. <i>Human Mutation</i> , <b>2015</b> , 36, 98-105	4.7	29
82	Resveratrol sequentially induces replication and oxidative stresses to drive p53-CXCR2 mediated cellular senescence in cancer cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 208	4.9	27
81	Exposure to blue light stimulates the proangiogenic capability of exosomes derived from human umbilical cord mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 358	8.3	27
80	Genetic study of indirect inguinal hernia. <i>Journal of Medical Genetics</i> , <b>1994</b> , 31, 187-92	5.8	26
79	Oxidative stress preferentially induces a subtype of micronuclei and mediates the genomic instability caused by p53 dysfunction. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2014</b> , 770, 1-8	3.3	24
78	CUL4B promotes replication licensing by up-regulating the CDK2-CDC6 cascade. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 743-56	7.3	24
77	STC2 overexpression mediated by HMGA2 is a biomarker for aggressiveness of high-grade serous ovarian cancer. <i>Oncology Reports</i> , <b>2015</b> , 34, 1494-502	3.5	23
76	Loss of heterozygosity and point mutation at Aprt locus in T cells and fibroblasts of Pms2-/- mice. <i>Oncogene</i> , <b>2002</b> , 21, 2840-5	9.2	23
75	Lack of CUL4B in Adipocytes Promotes PPAR $\gamma$ Mediated Adipose Tissue Expansion and Insulin Sensitivity. <i>Diabetes</i> , <b>2017</b> , 66, 300-313	0.9	22
74	Berberine downregulates CDC6 and inhibits proliferation via targeting JAK-STAT3 signaling in keratinocytes. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 274	9.8	22
73	GSH-dependent antioxidant defense contributes to the acclimation of colon cancer cells to acidic microenvironment. <i>Cell Cycle</i> , <b>2016</b> , 15, 1125-33	4.7	22
72	Tumor resident mesenchymal stromal cells endow naïve stromal cells with tumor-promoting properties. <i>Oncogene</i> , <b>2014</b> , 33, 4016-20	9.2	22
71	CUL4B interacts with and coordinates the SIN3A-HDAC complex to repress CDKN1A and drive cell cycle progression. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 4679-91	5.3	22
70	Mlh1 mediates tissue-specific regulation of mitotic recombination. <i>Oncogene</i> , <b>2004</b> , 23, 9017-24	9.2	22
69	Exome sequencing reveals a heterozygous DLX5 mutation in a Chinese family with autosomal-dominant split-hand/foot malformation. <i>European Journal of Human Genetics</i> , <b>2014</b> , 22, 1105-10	5.3	21

68	Altered gene expression in kidneys of mice with 2,8-dihydroxyadenine nephrolithiasis. <i>Kidney International</i> , <b>2000</b> , 58, 528-36	9.9	21
67	Sequential analysis of kidney stone formation in the Aprt knockout mouse. <i>Kidney International</i> , <b>2001</b> , 60, 910-23	9.9	20
66	Integrated analysis of long noncoding RNAs and mRNAs reveals their potential roles in the pathogenesis of uterine leiomyomas. <i>Oncotarget</i> , <b>2014</b> , 5, 8625-36	3.3	20
65	Scd1 controls de novo beige fat biogenesis through succinate-dependent regulation of mitochondrial complex II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2462-2472	11.5	19
64	Accelerated hepatocellular carcinoma development in CUL4B transgenic mice. <i>Oncotarget</i> , <b>2015</b> , 6, 15209-21	9.21	19
63	X-linked intellectual disability gene CUL4B targets Jab1/CSN5 for degradation and regulates bone morphogenetic protein signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 595-605	6.9	18
62	Serum withdrawal up-regulates human SIRT1 gene expression in a p53-dependent manner. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 4176-84	5.6	18
61	Reduced apoptosis and increased deletion mutations at Aprt locus in vivo in mice exposed to repeated ionizing radiation. <i>Cancer Research</i> , <b>2007</b> , 67, 1910-7	10.1	18
60	HDAC inhibition potentiates anti-tumor activity of macrophages and enhances anti-PD-L1-mediated tumor suppression. <i>Oncogene</i> , <b>2021</b> , 40, 1836-1850	9.2	18
59	CUL4B impedes stress-induced cellular senescence by dampening a p53-reactive oxygen species positive feedback loop. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 79, 1-13	7.8	17
58	Irradiation induces cancer lung metastasis through activation of the cGAS-STING-CCL5 pathway in mesenchymal stromal cells. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 326	9.8	16
57	Label-free light-sheet microfluidic cytometry for the automatic identification of senescent cells. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 1692-1703	3.5	16
56	Prdx1 deficiency in mice promotes tissue specific loss of heterozygosity mediated by deficiency in DNA repair and increased oxidative stress. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 735, 39-45	3.3	16
55	NANOG has a role in mesenchymal stem cells immunomodulatory effect. <i>Stem Cells and Development</i> , <b>2011</b> , 20, 1521-8	4.4	16
54	X-rays induce distinct patterns of somatic mutation in fetal versus adult hematopoietic cells. <i>DNA Repair</i> , <b>2007</b> , 6, 1380-5	4.3	16
53	Inhibition of DYRK1A-EGFR axis by p53-MDM2 cascade mediates the induction of cellular senescence. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 282	9.8	15
52	Skeletal muscle stem cells confer maturing macrophages anti-inflammatory properties through insulin-like growth factor-2. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 773-785	6.9	14
51	Mesenchymal stromal cells pretreated with pro-inflammatory cytokines promote skin wound healing through VEGFC-mediated angiogenesis. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 1218-1232	6.9	13

50	CUL4B contributes to cancer stemness by repressing tumor suppressor miR34a in colorectal cancer. <i>Oncogenesis</i> , <b>2020</b> , 9, 20	6.6	13
49	Ionizing radiation is a potent inducer of mitotic recombination in mouse embryonic stem cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2011</b> , 715, 1-6	3.3	13
48	Light-sheet-based 2D light scattering cytometry for label-free characterization of senescent cells. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 5170-5181	3.5	13
47	Upregulation of IL-6 in CUL4B-deficient myeloid-derived suppressive cells increases the aggressiveness of cancer cells. <i>Oncogene</i> , <b>2019</b> , 38, 5860-5872	9.2	12
46	Zebrafish cul4a, but not cul4b, modulates cardiac and forelimb development by upregulating tbx5a expression. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 853-64	5.6	12
45	MYC-regulated pseudogene HMGA1P6 promotes ovarian cancer malignancy via augmenting the oncogenic HMGA1/2. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 167	9.8	12
44	Oxidative stress-induced miRNAs modulate AKT signaling and promote cellular senescence in uterine leiomyoma. <i>Journal of Molecular Medicine</i> , <b>2018</b> , 96, 1095-1106	5.5	12
43	Lack of CUL4B leads to increased abundance of GFAP-positive cells that is mediated by PTGDS in mouse brain. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4686-97	5.6	12
42	Spermidine endows macrophages anti-inflammatory properties by inducing mitochondrial superoxide-dependent AMPK activation, Hif-1 $\alpha$ upregulation and autophagy. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 161, 339-350	7.8	12
41	Differentiation of normal and leukemic cells by 2D light scattering label-free static cytometry. <i>Optics Express</i> , <b>2016</b> , 24, 21700-7	3.3	12
40	Pan-senescence transcriptome analysis identified RRAD as a marker and negative regulator of cellular senescence. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 130, 267-277	7.8	12
39	Mitochondrial superoxide contributes to oxidative stress exacerbated by DNA damage response in RAD51-depleted ovarian cancer cells. <i>Redox Biology</i> , <b>2020</b> , 36, 101604	11.3	11
38	Identification and functional analysis of a SLC33A1: c.339T>G (p.Ser113Arg) variant in the original SPG42 family. <i>Human Mutation</i> , <b>2015</b> , 36, 240-9	4.7	11
37	Macrophages inhibit adipogenic differentiation of adipose tissue derived mesenchymal stem/stromal cells by producing pro-inflammatory cytokines. <i>Cell and Bioscience</i> , <b>2020</b> , 10, 88	9.8	11
36	The secretion profile of mesenchymal stem cells and potential applications in treating human diseases.. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7, 92	21	11
35	The CUL4B-miR-372/373-PIK3CA-AKT axis regulates metastasis in bladder cancer. <i>Oncogene</i> , <b>2020</b> , 39, 3588-3603	9.2	10
34	Automatic classification of acute and chronic myeloid leukemic cells with wide-angle label-free static cytometry. <i>Optics Express</i> , <b>2017</b> , 25, 29365	3.3	10
33	Splicing factor USP39 promotes ovarian cancer malignancy through maintaining efficient splicing of oncogenic HMGA2. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 294	9.8	10

32	Recurrence of the D100N mutation in a Chinese family with brachydactyly type A1: evidence for a mutational hot spot in the Indian hedgehog gene. <i>American Journal of Medical Genetics, Part A</i> , <b>2007</b> , 143A, 1246-8	2.5	9
31	Lack of interferon- $\beta$ receptor results in a microenvironment favorable for intestinal tumorigenesis. <i>Oncotarget</i> , <b>2016</b> , 7, 42099-42109	3.3	9
30	The critical role of T cells in glucocorticoid-induced osteoporosis. <i>Cell Death and Disease</i> , <b>2020</b> , 12, 45	9.8	9
29	Inflammatory cytokines-stimulated human muscle stem cells ameliorate ulcerative colitis via the IDO-TSG6 axis. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 50	8.3	9
28	A novel deletion mutation in GJB1 causes X-linked Charcot-Marie-Tooth disease in a Han Chinese family. <i>Muscle and Nerve</i> , <b>2010</b> , 42, 922-6	3.4	8
27	Adipose-derived mesenchymal stromal cells promote corneal wound healing by accelerating the clearance of neutrophils in cornea. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 707	9.8	8
26	S113R mutation in SLC33A1 leads to neurodegeneration and augmented BMP signaling in a mouse model. <i>DMM Disease Models and Mechanisms</i> , <b>2017</b> , 10, 53-62	4.1	8
25	CUL4B negatively regulates Toll-like receptor-triggered proinflammatory responses by repressing Pten transcription. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 339-349	15.4	8
24	Prenatal diagnosis of autosomal dominant hereditary spastic paraplegia (SPG42) caused by SLC33A1 mutation in a Chinese kindred. <i>Prenatal Diagnosis</i> , <b>2010</b> , 30, 485-6	3.2	7
23	IGF2R-initiated proton rechanneling dictates an anti-inflammatory property in macrophages. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	7
22	Autophagy Contributes to the Maintenance of Genomic Integrity by Reducing Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 2015920	6.7	6
21	Cul4a promotes zebrafish primitive erythropoiesis via upregulating scl and gata1 expression. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 388	9.8	5
20	Role of the mismatch repair gene, Msh6, in suppressing genome instability and radiation-induced mutations. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2008</b> , 642, 74-9	3.3	5
19	Lung mesenchymal stromal cells influenced by Th2 cytokines mobilize neutrophils and facilitate metastasis by producing complement C3. <i>Nature Communications</i> , <b>2021</b> , 12, 6202	17.4	5
18	CUL4B renders breast cancer cells tamoxifen-resistant via miR-32-5p/ER- $\beta$ 6 axis. <i>Journal of Pathology</i> , <b>2021</b> , 254, 185-198	9.4	5
17	Small scale genetic alterations contribute to increased mutability at the X-linked Hprt locus in vivo in Blm hypomorphic mice. <i>DNA Repair</i> , <b>2010</b> , 9, 551-7	4.3	4
16	Redressing the interactions between stem cells and immune system in tissue regeneration. <i>Biology Direct</i> , <b>2021</b> , 16, 18	7.2	4
15	HSD11B1 is upregulated synergistically by IFN $\beta$ and TNF $\alpha$ and mediates TSG-6 expression in human UC-MSCs. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 24	6.9	3



14	Automatic Classification of Label-Free Cells from Small Cell Lung Cancer and Poorly Differentiated Lung Adenocarcinoma with 2D Light Scattering Static Cytometry and Machine Learning. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2019</b> , 95, 302-308	4.6	3
13	A human cell-based reporter detects microhomology-mediated end joining. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 731, 140-4	3.3	2
12	Mutagenesis in vivo in T cells of p21-deficient mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2009</b> , 670, 103-6	3.3	2
11	Karyotypes and X chromosome inactivation in segregants of a murine X-autosome translocation, T(X;4)37H. <i>Japanese Journal of Genetics</i> , <b>1991</b> , 66, 433-47		2
10	Disrupted mitochondrial homeostasis coupled with mitotic arrest generates antineoplastic oxidative stress. <i>Oncogene</i> , <b>2021</b> ,	9.2	2
9	CUL4B facilitates HBV replication by promoting HBx stabilization. <i>Cancer Biology and Medicine</i> , <b>2021</b> ,	5.2	2
8	RECQL4 regulates DNA damage response and redox homeostasis in esophageal cancer. <i>Cancer Biology and Medicine</i> , <b>2021</b> , 18, 120-138	5.2	2
7	A New Formula of Voids in the Mineral Aggregate (VMA) of Hot Mix Asphalt (HMA) and its Application. <i>Advanced Materials Research</i> , <b>2010</b> , 150-151, 1158-1162	0.5	1
6	Blastocyst-Inspired Hydrogels to Maintain Undifferentiation of Mouse Embryonic Stem Cells. <i>ACS Nano</i> , <b>2021</b> , 15, 14162-14173	16.7	1
5	Other transgenic mutation assays: APRT: A versatile in vivo resident reporter of local mutation and loss of heterozygosity <b>1996</b> , 28, 471		1
4	RAD51 is essential for spermatogenesis and male fertility in mice.. <i>Cell Death Discovery</i> , <b>2022</b> , 8, 118	6.9	1
3	Heterogeneity of tyrosine-based melanin anabolism regulates pulmonary and cerebral organotropic colonization microenvironment of melanoma cells.. <i>Theranostics</i> , <b>2022</b> , 12, 2063-2079	12.1	0
2	Autophagic Flux Unleashes GATA4-NF-B Axis to Promote Antioxidant Defense-Dependent Survival of Colorectal Cancer Cells under Chronic Acidosis.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 8189485	6.7	0
1	Fibrotic liver microenvironment promotesDll4 and SDF-1-dependent T-cell lineage development. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 440	9.8	