

Changshun Shao

List of Publications by Year in descending order

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150
papers

11,263
citations

41258

49
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33814

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155
all docs

155
docs citations

155
times ranked

17919
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	1,430
2	COVID-19 infection: the perspectives on immune responses. Cell Death and Differentiation, 2020, 27, 1451-1454.	5.0	1,217
3	Immunoregulatory mechanisms of mesenchymal stem and stromal cells in inflammatory diseases. Nature Reviews Nephrology, 2018, 14, 493-507.	4.1	725
4	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, 2321-2328.	0.4	547
5	Embryonic stem cells and somatic cells differ in mutation frequency and type. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3586-3590.	3.3	291
6	Human mesenchymal stem cells inhibit cancer cell proliferation by secreting DKK-1. Leukemia, 2009, 23, 925-933.	3.3	287
7	CCR2-Dependent Recruitment of Macrophages by Tumor-Educated Mesenchymal Stromal Cells Promotes Tumor Development and Is Mimicked by TNF±. Cell Stem Cell, 2012, 11, 812-824.	5.2	284
8	Lessons learned from the blockade of immune checkpoints in cancer immunotherapy. Journal of Hematology and Oncology, 2018, 11, 31.	6.9	256
9	Harnessing tumor-associated macrophages as aids for cancer immunotherapy. Molecular Cancer, 2019, 18, 177.	7.9	235
10	An Osteopontin-Integrin Interaction Plays a Critical Role in Directing Adipogenesis and Osteogenesis by Mesenchymal Stem Cells. Stem Cells, 2014, 32, 327-337.	1.4	180
11	The secretion profile of mesenchymal stem cells and potential applications in treating human diseases. Signal Transduction and Targeted Therapy, 2022, 7, 92.	7.1	155
12	<i>miR-182</i> overexpression in tumourigenesis of high-grade serous ovarian carcinoma. Journal of Pathology, 2012, 228, 204-215.	2.1	138
13	CRL4B Catalyzes H2AK119 Monoubiquitination and Coordinates with PRC2 to Promote Tumorigenesis. Cancer Cell, 2012, 22, 781-795.	7.7	135
14	Mutation in CUL4B, Which Encodes a Member of Cullin-RING Ubiquitin Ligase Complex, Causes X-Linked Mental Retardation. American Journal of Human Genetics, 2007, 80, 561-566.	2.6	134
15	miR-17-5p and miR-106a are involved in the balance between osteogenic and adipogenic differentiation of adipose-derived mesenchymal stem cells. Stem Cell Research, 2013, 10, 313-324.	0.3	134
16	<i>HMGA2</i> Overexpression-Induced Ovarian Surface Epithelial Transformation Is Mediated Through Regulation of EMT Genes. Cancer Research, 2011, 71, 349-359.	0.4	132
17	Mitotic recombination produces the majority of recessive fibroblast variants in heterozygous mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9230-9235.	3.3	125
18	Human DNA ligases I and III, but not ligase IV, are required for microhomology-mediated end joining of DNA double-strand breaks. Nucleic Acids Research, 2008, 36, 3297-3310.	6.5	124

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19	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> , 2009, 662, 75-83.	0.4	116
20	Isoliensinine induces apoptosis in triple-negative human breast cancer cells through ROS generation and p38 MAPK/JNK activation. <i>Scientific Reports</i> , 2015, 5, 12579.	1.6	115
21	A Missense Mutation in SLC33A1, which Encodes the Acetyl-CoA Transporter, Causes Autosomal-Dominant Spastic Paraplegia (SPG42). <i>American Journal of Human Genetics</i> , 2008, 83, 752-759.	2.6	113
22	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> , 2009, 284, 33320-33332.	1.6	106
23	Berberine Induces Senescence of Human Glioblastoma Cells by Downregulating the EGFRâ€“MEKâ€“ERK Signaling Pathway. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 355-363.	1.9	103
24	IGF-2 Preprograms Maturing Macrophages to Acquire Oxidative Phosphorylation-Dependent Anti-inflammatory Properties. <i>Cell Metabolism</i> , 2019, 29, 1363-1375.e8.	7.2	98
25	miR-145 inhibits tumor growth and metastasis by targeting metadherin in high-grade serous ovarian carcinoma. <i>Oncotarget</i> , 2014, 5, 10816-10829.	0.8	91
26	HDAC inhibition potentiates anti-tumor activity of macrophages and enhances anti-PD-L1-mediated tumor suppression. <i>Oncogene</i> , 2021, 40, 1836-1850.	2.6	78
27	Mesenchymal Stem/Stromal Cells Induce the Generation of Novel IL-10â€“Dependent Regulatory Dendritic Cells by SOCS3 Activation. <i>Journal of Immunology</i> , 2012, 189, 1182-1192.	0.4	75
28	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> , 2012, 677, 47-54.	1.7	74
29	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> , 2017, 8, e3070-e3070.	2.7	72
30	Replication Stress Induces Micronuclei Comprising of Aggregated DNA Double-Strand Breaks. <i>PLoS ONE</i> , 2011, 6, e18618.	1.1	72
31	Lung mesenchymal stromal cells influenced by Th2 cytokines mobilize neutrophils and facilitate metastasis by producing complement C3. <i>Nature Communications</i> , 2021, 12, 6202.	5.8	71
32	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> , 2000, 97, 7405-7410.	3.3	70
33	Brief Report: Interferon-Î³ Induces Expansion of Lin ^{âˆ’} Sca-1 ⁺ C-Kit ⁺ Cells. <i>Stem Cells</i> , 2010, 28, 122-126.	1.4	69
34	Immune response in COVID-19: what is next?. <i>Cell Death and Differentiation</i> , 2022, 29, 1107-1122.	5.0	69
35	Neferine induces autophagy of human ovarian cancer cells via p38 MAPK/ JNK activation. <i>Tumor Biology</i> , 2016, 37, 8721-8729.	0.8	68
36	Metadherin enhances the invasiveness of breast cancer cells by inducing epithelial to mesenchymal transition. <i>Cancer Science</i> , 2011, 102, 1151-1157.	1.7	67

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37	Specific deletion of TRAF3 in B lymphocytes leads to B-lymphoma development in mice. <i>Leukemia</i> , 2012, 26, 1122-1127.	3.3	67
38	miR-130a upregulates mTOR pathway by targeting TSC1 and is transactivated by NF- κ B in high-grade serous ovarian carcinoma. <i>Cell Death and Differentiation</i> , 2017, 24, 2089-2100.	5.0	67
39	Modulation of DNA End Joining by Nuclear Proteins. <i>Journal of Biological Chemistry</i> , 2005, 280, 31442-31449.	1.6	65
40	Berberine Radiosensitizes Human Esophageal Cancer Cells by Downregulating Homologous Recombination Repair Protein RAD51. <i>PLoS ONE</i> , 2011, 6, e23427.	1.1	65
41	Resveratrol modulates angiogenesis through the GSK3 β / β -catenin/TCF-dependent pathway in human endothelial cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1386-1395.	2.0	64
42	Lack of Cul4b, an E3 Ubiquitin Ligase Component, Leads to Embryonic Lethality and Abnormal Placental Development. <i>PLoS ONE</i> , 2012, 7, e37070.	1.1	64
43	Spermidine endows macrophages anti-inflammatory properties by inducing mitochondrial superoxide-dependent AMPK activation, Hif-1 α upregulation and autophagy. <i>Free Radical Biology and Medicine</i> , 2020, 161, 339-350.	1.3	63
44	Mitotic recombination is suppressed by chromosomal divergence in hybrids of distantly related mouse strains. <i>Nature Genetics</i> , 2001, 28, 169-172.	9.4	60
45	Berberine, a genotoxic alkaloid, induces ATM-Chk1 mediated G2 arrest in prostate cancer cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 734, 20-29.	0.4	60
46	The tango of ROS and p53 in tissue stem cells. <i>Cell Death and Differentiation</i> , 2018, 25, 639-641.	5.0	59
47	CUL4B activates Wnt/ β -catenin signalling in hepatocellular carcinoma by repressing Wnt antagonists. <i>Journal of Pathology</i> , 2015, 235, 784-795.	2.1	58
48	Increased oxidative stress mediates the antitumor effect of PARP inhibition in ovarian cancer. <i>Redox Biology</i> , 2018, 17, 99-111.	3.9	58
49	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> , 2019, 10, 358.	2.4	58
50	Artesunate sensitizes ovarian cancer cells to cisplatin by downregulating RAD51. <i>Cancer Biology and Therapy</i> , 2015, 16, 1548-1556.	1.5	57
51	Emerging predictors of the response to the blockade of immune checkpoints in cancer therapy. <i>Cellular and Molecular Immunology</i> , 2019, 16, 28-39.	4.8	57
52	Other transgenic mutation assays:APRT: A versatile in vivo resident reporter of local mutation and loss of heterozygosity. , 1996, 28, 471-482.		55
53	Whole-Exome Sequencing Identifies a Variant in <i>TMEM132E</i> Causing Autosomal-Recessive Nonsyndromic Hearing Loss DFNB99. <i>Human Mutation</i> , 2015, 36, 98-105.	1.1	54
54	IFN γ and TNF α synergistically induce apoptosis of mesenchymal stem/stromal cells via the induction of nitric oxide. <i>Stem Cell Research and Therapy</i> , 2019, 10, 18.	2.4	49

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55	Berberine downregulates CDC6 and inhibits proliferation via targeting JAK-STAT3 signaling in keratinocytes. <i>Cell Death and Disease</i> , 2019, 10, 274.	2.7	47
56	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> , 2020, 117, 2462-2472.	3.3	46
57	53BP1 functions as a tumor suppressor in breast cancer via the inhibition of NF- κ B through miR-146a. <i>Carcinogenesis</i> , 2012, 33, 2593-2600.	1.3	44
58	Cullin 4B Protein Ubiquitin Ligase Targets Peroxiredoxin III for Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 32344-32354.	1.6	43
59	Irradiation induces cancer lung metastasis through activation of the cGAS-“STING”-CCL5 pathway in mesenchymal stromal cells. <i>Cell Death and Disease</i> , 2020, 11, 326.	2.7	43
60	Radiation-induced genetic instability in vivo depends on p53 status. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 502, 69-80.	0.4	42
61	Knockdown of pnpla6 protein results in motor neuron defects in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 404-13.	1.2	42
62	Chemokine receptor <sc>CXCR</sc>2 is transactivated by p53 and induces p38-mediated cellular senescence in response to <sc>DNA</sc> damage. <i>Aging Cell</i> , 2013, 12, 1110-1121.	3.0	42
63	<i>miR-106a</i> Represses the Rb Tumor Suppressor p130 to Regulate Cellular Proliferation and Differentiation in High-Grade Serous Ovarian Carcinoma. <i>Molecular Cancer Research</i> , 2013, 11, 1314-1325.	1.5	42
64	The CUL4B/AKT/ β -Catenin Axis Restricts the Accumulation of Myeloid-Derived Suppressor Cells to Prohibit the Establishment of a Tumor-Permissive Microenvironment. <i>Cancer Research</i> , 2015, 75, 5070-5083.	0.4	42
65	Label-free light-sheet microfluidic cytometry for the automatic identification of senescent cells. <i>Biomedical Optics Express</i> , 2018, 9, 1692.	1.5	42
66	Dysregulation of the miR-194-“<sc>CUL</sc>4B negative feedback loop drives tumorigenesis in non-small-cell lung carcinoma. <i>Molecular Oncology</i> , 2017, 11, 305-319.	2.1	41
67	MIF Produced by Bone Marrow-Derived Macrophages Contributes to Teratoma Progression after Embryonic Stem Cell Transplantation. <i>Cancer Research</i> , 2012, 72, 2867-2878.	0.4	40
68	Mesenchymal stromal cells pretreated with pro-inflammatory cytokines promote skin wound healing through VEGFC-mediated angiogenesis. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1218-1232.	1.6	40
69	Tumor resident mesenchymal stromal cells endow naïve stromal cells with tumor-promoting properties. <i>Oncogene</i> , 2014, 33, 4016-4020.	2.6	36
70	Lack of CUL4B in Adipocytes Promotes PPAR β -Mediated Adipose Tissue Expansion and Insulin Sensitivity. <i>Diabetes</i> , 2017, 66, 300-313.	0.3	36
71	Resveratrol sequentially induces replication and oxidative stresses to drive p53-CXCR2 mediated cellular senescence in cancer cells. <i>Scientific Reports</i> , 2017, 7, 208.	1.6	36
72	Localization of group IIc low molecular weight phospholipase A2 mRNA to meiotic cells in the mouse. , 1997, 64, 369-375.		35

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73	CUL4B promotes replication licensing by up-regulating the CDK2/CDC6 cascade. <i>Journal of Cell Biology</i> , 2013, 200, 743-756.	2.3	35
74	Adipose-derived mesenchymal stromal cells promote corneal wound healing by accelerating the clearance of neutrophils in cornea. <i>Cell Death and Disease</i> , 2020, 11, 707.	2.7	35
75	Splicing factor USP39 promotes ovarian cancer malignancy through maintaining efficient splicing of oncogenic HMGA2. <i>Cell Death and Disease</i> , 2021, 12, 294.	2.7	34
76	In vivo loss of heterozygosity in T-cells of B6C3F1Apt+/? mice. <i>Environmental and Molecular Mutagenesis</i> , 2000, 35, 150-157.	0.9	32
77	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> , 2014, 22, 1105-1110.	1.4	32
78	Macrophages inhibit adipogenic differentiation of adipose tissue derived mesenchymal stem/stromal cells by producing pro-inflammatory cytokines. <i>Cell and Bioscience</i> , 2020, 10, 88.	2.1	32
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> , 2014, 770, 1-8.	0.4	31
80	STC2 overexpression mediated by HMGA2 is a biomarker for aggressiveness of high-grade serous ovarian cancer. <i>Oncology Reports</i> , 2015, 34, 1494-1502.	1.2	30
81	IGF2R-initiated proton rechanneling dictates an anti-inflammatory property in macrophages. <i>Science Advances</i> , 2020, 6, .	4.7	30
82	Inflammatory cytokines-stimulated human muscle stem cells ameliorate ulcerative colitis via the IDO-TSG6 axis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 50.	2.4	30
83	GSH-dependent antioxidant defense contributes to the acclimation of colon cancer cells to acidic microenvironment. <i>Cell Cycle</i> , 2016, 15, 1125-1133.	1.3	29
84	MYC-regulated pseudogene HMGA1P6 promotes ovarian cancer malignancy via augmenting the oncogenic HMGA1/2. <i>Cell Death and Disease</i> , 2020, 11, 167.	2.7	29
85	Genetic study of indirect inguinal hernia.. <i>Journal of Medical Genetics</i> , 1994, 31, 187-192.	1.5	28
86	Somatic recombination redux. <i>Nature Genetics</i> , 2003, 33, 5-6.	9.4	28
87	CRL4B interacts and coordinates with SIN3A/HDAC complex to repress <i>CDKN1A</i> in driving cell cycle progression. <i>Journal of Cell Science</i> , 2014, 127, 4679-91.	1.2	28
88	Light-sheet-based 2D light scattering cytometry for label-free characterization of senescent cells. <i>Biomedical Optics Express</i> , 2016, 7, 5170.	1.5	28
89	Integrated analysis of long noncoding RNAs and mRNAs reveals their potential roles in the pathogenesis of uterine leiomyomas. <i>Oncotarget</i> , 2014, 5, 8625-8636.	0.8	26
90	Inhibition of DYRK1A-EGFR axis by p53-MDM2 cascade mediates the induction of cellular senescence. <i>Cell Death and Disease</i> , 2019, 10, 282.	2.7	25

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91	Skeletal muscle stem cells confer maturing macrophages anti-inflammatory properties through insulin-like growth factor-2. <i>Stem Cells Translational Medicine</i> , 2020, 9, 773-785.	1.6	25
92	Altered gene expression in kidneys of mice with 2,8-dihydroxyadenine nephrolithiasis. <i>Kidney International</i> , 2000, 58, 528-536.	2.6	24
93	Sequential analysis of kidney stone formation in the Aprt knockout mouse. <i>Kidney International</i> , 2001, 60, 910-923.	2.6	24
94	The CUL4B-miR-372/373-PIK3CA-AKT axis regulates metastasis in bladder cancer. <i>Oncogene</i> , 2020, 39, 3588-3603.	2.6	24
95	Loss of heterozygosity and point mutation at Aprt locus in T cells and fibroblasts of Pms2 ^{+/+} mice. <i>Oncogene</i> , 2002, 21, 2840-2845.	2.6	23
96	Oxidative stress-induced miRNAs modulate AKT signaling and promote cellular senescence in uterine leiomyoma. <i>Journal of Molecular Medicine</i> , 2018, 96, 1095-1106.	1.7	23
97	Upregulation of IL-6 in CUL4B-deficient myeloid-derived suppressive cells increases the aggressiveness of cancer cells. <i>Oncogene</i> , 2019, 38, 5860-5872.	2.6	23
98	Mlh1 mediates tissue-specific regulation of mitotic recombination. <i>Oncogene</i> , 2004, 23, 9017-9024.	2.6	22
99	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> , 2012, 735, 39-45.	0.4	22
100	Differentiation of normal and leukemic cells by 2D light scattering label-free static cytometry. <i>Optics Express</i> , 2016, 24, 21700.	1.7	22
101	Accelerated hepatocellular carcinoma development in CUL4B transgenic mice. <i>Oncotarget</i> , 2015, 6, 15209-15221.	0.8	22
102	Redressing the interactions between stem cells and immune system in tissue regeneration. <i>Biology Direct</i> , 2021, 16, 18.	1.9	22
103	CUL4B impedes stress-induced cellular senescence by dampening a p53-reactive oxygen species positive feedback loop. <i>Free Radical Biology and Medicine</i> , 2015, 79, 1-13.	1.3	21
104	Mitochondrial superoxide contributes to oxidative stress exacerbated by DNA damage response in RAD51-depleted ovarian cancer cells. <i>Redox Biology</i> , 2020, 36, 101604.	3.9	21
105	CUL4B contributes to cancer stemness by repressing tumor suppressor miR34a in colorectal cancer. <i>Oncogenesis</i> , 2020, 9, 20.	2.1	20
106	CUL4B renders breast cancer cells tamoxifen-resistant via miR-325p/ER α -36 axis. <i>Journal of Pathology</i> , 2021, 254, 185-198.	2.1	20
107	The critical role of T cells in glucocorticoid-induced osteoporosis. <i>Cell Death and Disease</i> , 2021, 12, 45.	2.7	20
108	Reduced Apoptosis and Increased Deletion Mutations at Aprt Locus In vivo in Mice Exposed to Repeated Ionizing Radiation. <i>Cancer Research</i> , 2007, 67, 1910-1917.	0.4	19

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109	X-rays induce distinct patterns of somatic mutation in fetal versus adult hematopoietic cells. <i>DNA Repair</i> , 2007, 6, 1380-1385.	1.3	19
110	Serum withdrawal up-regulates human <i>SIRT1</i> gene expression in a p53-dependent manner. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4176-4184.	1.6	19
111	Automatic classification of acute and chronic myeloid leukemic cells with wide-angle label-free static cytometry. <i>Optics Express</i> , 2017, 25, 29365.	1.7	19
112	Pan-senescence transcriptome analysis identified RRAD as a marker and negative regulator of cellular senescence. <i>Free Radical Biology and Medicine</i> , 2019, 130, 267-277.	1.3	19
113	X-linked intellectual disability gene <i>CUL4B</i> targets <i>Jab1/CSN5</i> for degradation and regulates bone morphogenetic protein signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 595-605.	1.8	18
114	<i>NANOG</i> Has a Role in Mesenchymal Stem Cells' Immunomodulatory Effect. <i>Stem Cells and Development</i> , 2011, 20, 1521-1528.	1.1	17
115	Lack of interferon- β receptor results in a microenvironment favorable for intestinal tumorigenesis. <i>Oncotarget</i> , 0, 7, 42099-42109.	0.8	17
116	Lack of <i>CUL4B</i> leads to increased abundance of GFAP-positive cells that is mediated by <i>PTGDS</i> in mouse brain. <i>Human Molecular Genetics</i> , 2015, 24, 4686-4697.	1.4	16
117	Ionizing radiation is a potent inducer of mitotic recombination in mouse embryonic stem cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 1-6.	0.4	14
118	Identification and Functional Analysis of a <i>SLC33A1</i> : c.339T>G (p.Ser113Arg) Variant in the Original <i>SPG42</i> Family. <i>Human Mutation</i> , 2015, 36, 240-249.	1.1	14
119	Zebrafish <i>cul4a</i> , but not <i>cul4b</i> , modulates cardiac and forelimb development by upregulating <i>tbx5a</i> expression. <i>Human Molecular Genetics</i> , 2015, 24, 853-864.	1.4	14
120	<i>CUL4B</i> negatively regulates Toll-like receptor-triggered proinflammatory responses by repressing <i>Pten</i> transcription. <i>Cellular and Molecular Immunology</i> , 2021, 18, 339-349.	4.8	14
121	S113R mutation in <i>Slc33a1</i> leads to neurodegeneration and augmented BMP signaling in a mouse model. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 53-62.	1.2	13
122	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> , 2019, 95, 302-308.	1.1	13
123	Disrupted mitochondrial homeostasis coupled with mitotic arrest generates antineoplastic oxidative stress. <i>Oncogene</i> , 2022, 41, 427-443.	2.6	11
124	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> , 2007, 143A, 1246-1248.	0.7	10
125	Autophagy Contributes to the Maintenance of Genomic Integrity by Reducing Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	10
126	A novel deletion mutation in <i>CJB1</i> causes X-linked Charcot-Marie-Tooth disease in a Han Chinese family. <i>Muscle and Nerve</i> , 2010, 42, 922-926.	1.0	9

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127	Prenatal diagnosis of autosomal dominant hereditary spastic paraplegia (<i>SPG42</i>) caused by <i>SLC33A1</i> mutation in a Chinese kindred. <i>Prenatal Diagnosis</i> , 2010, 30, 485-486.	1.1	8
128	HSD11B1 is upregulated synergistically by IFN γ and TNF α and mediates TSG-6 expression in human UC-MSCs. <i>Cell Death Discovery</i> , 2020, 6, 24.	2.0	8
129	Blastocyst-Inspired Hydrogels to Maintain Undifferentiation of Mouse Embryonic Stem Cells. <i>ACS Nano</i> , 2021, 15, 14162-14173.	7.3	8
130	Cullin 4b-RING ubiquitin ligase targets IRGM1 to regulate Wnt signaling and intestinal homeostasis. <i>Cell Death and Differentiation</i> , 2022, 29, 1673-1688.	5.0	8
131	RAD51 is essential for spermatogenesis and male fertility in mice. <i>Cell Death Discovery</i> , 2022, 8, 118.	2.0	8
132	Cul4a promotes zebrafish primitive erythropoiesis via upregulating scl and gata1 expression. <i>Cell Death and Disease</i> , 2019, 10, 388.	2.7	7
133	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> , 2008, 642, 74-79.	0.4	6
134	Small scale genetic alterations contribute to increased mutability at the X-linked Hprt locus in vivo in Blm hypomorphic mice. <i>DNA Repair</i> , 2010, 9, 551-557.	1.3	5
135	Karyotypes and X chromosome inactivation in segregants of a murine X-autosome translocation, T(X;4)37H. <i>Japanese Journal of Genetics</i> , 1991, 66, 433-447.	1.0	4
136	CUL4B facilitates HBV replication by promoting HBx stabilization. <i>Cancer Biology and Medicine</i> , 2021, 18, 0-0.	1.4	4
137	Neutrophils in the tumor microenvironment and their functional modulation by mesenchymal stromal cells. <i>Cellular Immunology</i> , 2022, 379, 104576.	1.4	4
138	RECQL4 regulates DNA damage response and redox homeostasis in esophageal cancer. <i>Cancer Biology and Medicine</i> , 2021, 18, 120-138.	1.4	3
139	Heterogeneity of tyrosine-based melanin anabolism regulates pulmonary and cerebral organotropic colonization microenvironment of melanoma cells. <i>Theranostics</i> , 2022, 12, 2063-2079.	4.6	3
140	Autophagic Flux Unleashes GATA4-NF κ B Axis to Promote Antioxidant Defense-Dependent Survival of Colorectal Cancer Cells under Chronic Acidosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	3
141	Mutagenesis in vivo in T cells of p21-deficient mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 670, 103-106.	0.4	2
142	A human cell-based reporter detects microhomology-mediated end joining. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 731, 140-144.	0.4	2
143	A New Formula of Voids in the Mineral Aggregate (VMA) of Hot Mix Asphalt (HMA) and its Application. <i>Advanced Materials Research</i> , 2010, 150-151, 1158-1162.	0.3	1
144	Other transgenic mutation assays: APRT: A versatile in vivo resident reporter of local mutation and loss of heterozygosity. <i>Environmental and Molecular Mutagenesis</i> , 1996, 28, 471-482.	0.9	1

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145	Age Dependent Effect on Cellular Phenotype with Loss of Prdx1. Free Radical Biology and Medicine, 2010, 49, S83-S84.	1.3	0
146	Development of wide-angle 2D light scattering static cytometry. , 2016, , .		0
147	Automatic characterization of leukemic cells with 2D light scattering static cytometry. , 2017, , .		0
148	Fibrotic liver microenvironment promotes Dll4 and SDF-1-dependent T-cell lineage development. Cell Death and Disease, 2019, 10, 440.	2.7	0
149	Cullin 4b Complex Targets IRGM1 to Regulate Intestinal Stem Cell Stemness and Niche. SSRN Electronic Journal, 0, , .	0.4	0
150	Label-free analysis of senescent cells by light sheet microfluidic cytometry with a disposable hydrodynamic focusing unit. , 2019, , .		0