

Yuan Wang

List of Publications by Year in descending order

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44
papers

1,621
citations

394421

19
h-index

315739

38
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46
all docs

46
docs citations

46
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated single-cell RNA sequencing analysis reveals distinct cellular and transcriptional modules associated with survival in lung cancer. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 9.	17.1	23
2	DNA demethylase ALKBH1 promotes adipogenic differentiation via regulation of HIF-1 signaling. <i>Journal of Biological Chemistry</i> , 2022, 298, 101499.	3.4	14
3	Short-read and long-read full-length transcriptome of mouse neural stem cells across neurodevelopmental stages. <i>Scientific Data</i> , 2022, 9, 69.	5.3	3
4	CHD7 regulates bone-fat balance by suppressing PPAR- β signaling. <i>Nature Communications</i> , 2022, 13, 1989.	12.8	14
5	KMT2C deficiency promotes small cell lung cancer metastasis through DNMT3A-mediated epigenetic reprogramming. <i>Nature Cancer</i> , 2022, 3, 753-767.	13.2	41
6	PtdIns4P restriction by hydrolase SAC1 decides specific fusion of autophagosomes with lysosomes. <i>Autophagy</i> , 2021, 17, 1907-1917.	9.1	22
7	Sequential fate-switches in stem-like cells drive the tumorigenic trajectory from human neural stem cells to malignant glioma. <i>Cell Research</i> , 2021, 31, 684-702.	12.0	41
8	Plasma cells shape the mesenchymal identity of ovarian cancers through transfer of exosome-derived microRNAs. <i>Science Advances</i> , 2021, 7, .	10.3	25
9	Mapping the immune microenvironment for mandibular alveolar bone homeostasis at single-cell resolution. <i>Bone Research</i> , 2021, 9, 17.	11.4	62
10	Human placental mesenchymal stem cells ameliorate liver fibrosis in mice by upregulation of Caveolin1 in hepatic stellate cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 294.	5.5	11
11	Reversing neural circuit and behavior deficit in mice exposed to maternal inflammation by Zika virus. <i>EMBO Reports</i> , 2021, 22, e51978.	4.5	3
12	High-efficiency c-Myc-mediated induction of functional hepatoblasts from the human umbilical cord mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 375.	5.5	4
13	Treatment during a developmental window prevents NF1-associated optic pathway gliomas by targeting Erk-dependent migrating glial progenitors. <i>Developmental Cell</i> , 2021, 56, 2871-2885.e6.	7.0	14
14	A Novel Antitumor Strategy: Simultaneously Inhibiting Angiogenesis and Complement by Targeting VEGFA/PIGF and C3b/C4b. <i>Molecular Therapy - Oncolytics</i> , 2020, 16, 20-29.	4.4	20
15	Murine models of IDH-wild-type glioblastoma exhibit spatial segregation of tumor initiation and manifestation during evolution. <i>Nature Communications</i> , 2020, 11, 3669.	12.8	14
16	Nanomicelle protects the immune activation effects of Paclitaxel and sensitizes tumors to anti-PD-1 Immunotherapy. <i>Theranostics</i> , 2020, 10, 8382-8399.	10.0	42
17	An epigenetic mechanism underlying chromosome 17p deletion-driven tumorigenesis. <i>Cancer Discovery</i> , 2020, 11, CD-20-0336.	9.4	15
18	Alpha-ketoglutarate ameliorates age-related osteoporosis via regulating histone methylations. <i>Nature Communications</i> , 2020, 11, 5596.	12.8	106

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19	Structural and mechanistic insights into secretagoin-mediated exocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6559-6570.	7.1	25
20	TFAP2C facilitates somatic cell reprogramming by inhibiting c-Myc-dependent apoptosis and promoting mesenchymal-to-epithelial transition. Cell Death and Disease, 2020, 11, 482.	6.3	20
21	Early Screening for Aortic Dissection With Point-of-Care Ultrasound by Emergency Physicians. Journal of Ultrasound in Medicine, 2020, 39, 1309-1315.	1.7	13
22	METTL3-Mediated m6A mRNA Methylation Modulates Tooth Root Formation by Affecting NFIC Translation. Journal of Bone and Mineral Research, 2020, 36, 412-423.	2.8	30
23	AFF1 inhibits adipogenic differentiation via targeting TGM2 transcription. Cell Proliferation, 2020, 53, e12831.	5.3	11
24	Hypomethylation of GDNF family receptor alpha 1 promotes epithelial-mesenchymal transition and predicts metastasis of colorectal cancer. PLoS Genetics, 2020, 16, e1009159.	3.5	8
25	Ubiquitin-specific protease <sc>USP</sc> 34 controls osteogenic differentiation and bone formation by regulating <sc>BMP</sc> 2 signaling. EMBO Journal, 2020, 39, e105578.	7.8	6
26	A reignited debate over the cell(s) of origin for glioblastoma and its clinical implications. Frontiers of Medicine, 2019, 13, 531-539.	3.4	26
27	Growth differentiation factor 11 inhibits adipogenic differentiation by activating TGF-beta/Smad signalling pathway. Cell Proliferation, 2019, 52, e12631.	5.3	34
28	Targeted demethylation of the SARI promotor impairs colon tumour growth. Cancer Letters, 2019, 448, 132-143.	7.2	31
29	Comparative analysis of the oral microbiota between iron-deficiency anaemia (IDA) patients and healthy individuals by high-throughput sequencing. BMC Oral Health, 2019, 19, 255.	2.3	13
30	Recombinant growth differentiation factor 11 impairs fracture healing through inhibiting chondrocyte differentiation. Annals of the New York Academy of Sciences, 2019, 1440, 54-66.	3.8	8
31	<sc>IL</sc>35 recombinant protein reverses inflammatory bowel disease and psoriasis through regulation of inflammatory cytokines and immune cells. Journal of Cellular and Molecular Medicine, 2018, 22, 1014-1025.	3.6	54
32	Mettl3-mediated m6A RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. Nature Communications, 2018, 9, 4772.	12.8	265
33	Conversion of human adipose-derived stem cells into functional and expandable endothelial-like cells for cell-based therapies. Stem Cell Research and Therapy, 2018, 9, 350.	5.5	13
34	Follistatin-like protein 5 inhibits hepatocellular carcinoma progression by inducing caspase-dependent apoptosis and regulating Bcl-2 family proteins. Journal of Cellular and Molecular Medicine, 2018, 22, 6190-6201.	3.6	17
35	Histone Modifications in Aging: The Underlying Mechanisms and Implications. Current Stem Cell Research and Therapy, 2018, 13, 125-135.	1.3	48
36	Ubiquitin-specific protease <sc>USP</sc> 34 controls osteogenic differentiation and bone formation by regulating <sc>BMP</sc> 2 signaling. EMBO Journal, 2018, 37, .	7.8	61

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37	Opposing Tumor-Promoting and -Suppressive Functions of Rictor/mTORC2 Signaling in Adult Glioma and Pediatric SHH Medulloblastoma. <i>Cell Reports</i> , 2018, 24, 463-478.e5.	6.4	21
38	Effect of FK506 (tacrolimus) therapy on bone healing of titanium implants: a histometric and biomechanical study in mice. <i>European Journal of Oral Sciences</i> , 2017, 125, 28-33.	1.5	17
39	Rapid generation of functional hepatocyte-like cells from human adipose-derived stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 105.	5.5	22
40	Functional Nanoparticles Activate a Decellularized Liver Scaffold for Blood Detoxification. <i>Small</i> , 2016, 12, 2067-2076.	10.0	15
41	Rapid and high-efficiency generation of mature functional hepatocyte-like cells from adipose-derived stem cells by a three-step protocol. <i>Stem Cell Research and Therapy</i> , 2015, 6, 193.	5.5	14
42	Transient inhibition of the ERK pathway prevents cerebellar developmental defects and improves long-term motor functions in murine models of neurofibromatosis type 1. <i>ELife</i> , 2014, 3, .	6.0	23
43	ERK Inhibition Rescues Defects in Fate Specification of Nf1-Deficient Neural Progenitors and Brain Abnormalities. <i>Cell</i> , 2012, 150, 816-830.	28.9	124
44	Expression of Mutant p53 Proteins Implicates a Lineage Relationship between Neural Stem Cells and Malignant Astrocytic Glioma in a Murine Model. <i>Cancer Cell</i> , 2009, 15, 514-526.	16.8	228