

# Yuan Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/653/publications.pdf>

Version: 2024-02-01

44  
papers

1,621  
citations

394421

19  
h-index

315739

38  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mettl3-mediated m6A RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , 2018, 9, 4772.	12.8	265
2	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
3	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
4	Alpha-ketoglutarate ameliorates age-related osteoporosis via regulating histone methylations. <i>Nature Communications</i> , 2020, 11, 5596.	12.8	106
5	Mapping the immune microenvironment for mandibular alveolar bone homeostasis at single-cell resolution. <i>Bone Research</i> , 2021, 9, 17.	11.4	62
6	Ubiquitin-specific protease <sc>USP</sc> 34 controls osteogenic differentiation and bone formation by regulating <sc>BMP</sc> 2 signaling. <i>EMBO Journal</i> , 2018, 37, .	7.8	61
7	<sc>IL</sc>35 recombinant protein reverses inflammatory bowel disease and psoriasis through regulation of inflammatory cytokines and immune cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1014-1025.	3.6	54
8	Histone Modifications in Aging: The Underlying Mechanisms and Implications. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 125-135.	1.3	48
9	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
10	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
11	KMT2C deficiency promotes small cell lung cancer metastasis through DNMT3A-mediated epigenetic reprogramming. <i>Nature Cancer</i> , 2022, 3, 753-767.	13.2	41
12	Growth differentiation factor 11 inhibits adipogenic differentiation by activating TGFβ/Smad signalling pathway. <i>Cell Proliferation</i> , 2019, 52, e12631.	5.3	34
13	Targeted demethylation of the SARI promotor impairs colon tumour growth. <i>Cancer Letters</i> , 2019, 448, 132-143.	7.2	31
14	METTL3-Mediated m6A mRNA Methylation Modulates Tooth Root Formation by Affecting NFIC Translation. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 412-423.	2.8	30
15	A reignited debate over the cell(s) of origin for glioblastoma and its clinical implications. <i>Frontiers of Medicine</i> , 2019, 13, 531-539.	3.4	26
16	Structural and mechanistic insights into secretagogin-mediated exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6559-6570.	7.1	25
17	Plasma cells shape the mesenchymal identity of ovarian cancers through transfer of exosome-derived microRNAs. <i>Science Advances</i> , 2021, 7, .	10.3	25
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	PtdIns4P restriction by hydrolase SAC1 decides specific fusion of autophagosomes with lysosomes. <i>Autophagy</i> , 2021, 17, 1907-1917.	9.1	22
22	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
23	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
24	TFAP2C facilitates somatic cell reprogramming by inhibiting c-Myc-dependent apoptosis and promoting mesenchymal-to-epithelial transition. <i>Cell Death and Disease</i> , 2020, 11, 482.	6.3	20
25	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
26	Follistatin-like protein 5 inhibits hepatocellular carcinoma progression by inducing caspase-dependent apoptosis and regulating Bcl-2 family proteins. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 6190-6201.	3.6	17
27	Functional Nanoparticles Activate a Decellularized Liver Scaffold for Blood Detoxification. <i>Small</i> , 2016, 12, 2067-2076.	10.0	15
28	An epigenetic mechanism underlying chromosome 17p deletion-driven tumorigenesis. <i>Cancer Discovery</i> , 2020, 11, CD-20-0336.	9.4	15
29	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
30	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
31	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
32	DNA demethylase ALKBH1 promotes adipogenic differentiation via regulation of HIF-1 signaling. <i>Journal of Biological Chemistry</i> , 2022, 298, 101499.	3.4	14
33	CHD7 regulates bone-fat balance by suppressing PPAR- $\beta$ signaling. <i>Nature Communications</i> , 2022, 13, 1989.	12.8	14
34	Conversion of human adipose-derived stem cells into functional and expandable endothelial-like cells for cell-based therapies. <i>Stem Cell Research and Therapy</i> , 2018, 9, 350.	5.5	13
35	Comparative analysis of the oral microbiota between iron-deficiency anaemia (IDA) patients and healthy individuals by high-throughput sequencing. <i>BMC Oral Health</i> , 2019, 19, 255.	2.3	13
36	Early Screening for Aortic Dissection With Point-of-Care Ultrasound by Emergency Physicians. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 1309-1315.	1.7	13

#	ARTICLE	IF	CITATIONS
37	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
38	AFF1 inhibits adipogenic differentiation via targeting TGM2 transcription. <i>Cell Proliferation</i> , 2020, 53, e12831.	5.3	11
39	Recombinant growth differentiation factor 11 impairs fracture healing through inhibiting chondrocyte differentiation. <i>Annals of the New York Academy of Sciences</i> , 2019, 1440, 54-66.	3.8	8
40	Hypomethylation of GDNF family receptor alpha 1 promotes epithelial-mesenchymal transition and predicts metastasis of colorectal cancer. <i>PLoS Genetics</i> , 2020, 16, e1009159.	3.5	8
41	Ubiquitin-specific protease USP 34 controls osteogenic differentiation and bone formation by regulating BMP 2 signaling. <i>EMBO Journal</i> , 2020, 39, e105578.	7.8	6
42	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
43	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
44	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