

# Meng Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,196  
citations

361413

20  
h-index

243625

44  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Megakaryocytes maintain homeostatic quiescence and promote post-injury regeneration of hematopoietic stem cells. <i>Nature Medicine</i> , 2014, 20, 1321-1326.	30.7	470
2	Involvement of miR169 in the nitrogen starvation responses in Arabidopsis. <i>New Phytologist</i> , 2011, 190, 906-915.	7.3	317
3	Exosome-Based Cancer Therapy: Implication for Targeting Cancer Stem Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 533.	3.5	160
4	The Dlk1-Gtl2 Locus Preserves LT-HSC Function by Inhibiting the PI3K-mTOR Pathway to Restrict Mitochondrial Metabolism. <i>Cell Stem Cell</i> , 2016, 18, 214-228.	11.1	149
5	Cloning and Characterization of Maize miRNAs Involved in Responses to Nitrogen Deficiency. <i>PLoS ONE</i> , 2012, 7, e29669.	2.5	142
6	N-Cadherin-Expressing Bone and Marrow Stromal Progenitor Cells Maintain Reserve Hematopoietic Stem Cells. <i>Cell Reports</i> , 2019, 26, 652-669.e6.	6.4	106
7	Overcoming Wnt $\beta$ -catenin dependent anticancer therapy resistance in leukaemia stem cells. <i>Nature Cell Biology</i> , 2020, 22, 689-700.	10.3	89
8	Construction of a tumor microenvironment pH-responsive cleavable PEGylated hyaluronic acid nano-drug delivery system for colorectal cancer treatment. <i>Biomaterials Science</i> , 2020, 8, 1885-1896.	5.4	80
9	FGF signaling facilitates postinjury recovery of mouse hematopoietic system. <i>Blood</i> , 2012, 120, 1831-1842.	1.4	69
10	Single-cell analysis of ploidy and the transcriptome reveals functional and spatial divergency in murine megakaryopoiesis. <i>Blood</i> , 2021, 138, 1211-1224.	1.4	59
11	Donor-Acceptor Type Organic Small Molecule Based Solar Energy Absorbing Material for Highly Efficient Water Evaporation and Thermoelectric Power Generation. <i>Advanced Functional Materials</i> , 2021, 31, 2106247.	14.9	46
12	SHP-1 regulates hematopoietic stem cell quiescence by coordinating TGF $\beta$ signaling. <i>Journal of Experimental Medicine</i> , 2018, 215, 1337-1347.	8.5	42
13	Two waves of pro-inflammatory factors are released during the influenza A virus (IAV)-driven pulmonary immunopathogenesis. <i>PLoS Pathogens</i> , 2020, 16, e1008334.	4.7	35
14	Retinoid-Sensitive Epigenetic Regulation of the Hoxb Cluster Maintains Normal Hematopoiesis and Inhibits Leukemogenesis. <i>Cell Stem Cell</i> , 2018, 22, 740-754.e7.	11.1	33
15	ICAM-1 Deficiency in the Bone Marrow Niche Impairs Quiescence and Repopulation of Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 258-273.	4.8	32
16	Effects of nonylphenol induced oxidative stress on apoptosis and autophagy in rat ovarian granulosa cells. <i>Chemosphere</i> , 2020, 261, 127693.	8.2	30
17	High-Throughput and High-Efficient Micro-solid Phase Extraction Based on Sulfonated-Polyaniline/Polyacrylonitrile Nanofiber Mats for Determination of Fluoroquinolones in Animal-Origin Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6892-6901.	5.2	28
18	A Metabolic Reprogramming Amino Acid Polymer as an Immunosurveillance Activator and Leukemia Targeting Drug Carrier for Cell Acute Lymphoblastic Leukemia. <i>Advanced Science</i> , 2022, 9, e2104134.	11.2	27

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19	Regulation of hematopoietic stem cells in the niche. <i>Science China Life Sciences</i> , 2015, 58, 1209-1215.	4.9	25
20	Design, synthesis and biological evaluation of novel 4-phenoxy-6,7-disubstituted quinolines possessing (thio)semicarbazones as c-Met kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1331-1345.	3.0	25
21	Prostate Cancer Stem Cells and Nanotechnology: A Focus on Wnt Signaling. <i>Frontiers in Pharmacology</i> , 2017, 8, 153.	3.5	23
22	Dissecting the bone marrow HSC niches. <i>Cell Research</i> , 2016, 26, 975-976.	12.0	22
23	Convolutional Neural Network-Based Terahertz Spectral Classification of Liquid Contraband for Security Inspection. <i>IEEE Sensors Journal</i> , 2021, 21, 18955-18963.	4.7	19
24	Yap-lin28a axis targets let7-Wnt pathway to restore progenitors for initiating regeneration. <i>ELife</i> , 2020, 9, .	6.0	19
25	A general method for the synthesis of various rattle-type microspheres and their diverse applications. <i>RSC Advances</i> , 2013, 3, 18506.	3.6	12
26	Evaluation of toxicokinetics of nonylphenol in the adult female Sprague-Dawley rats using a physiologically based toxicokinetic model. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 105, 42-50.	2.7	12
27	A lysosome-targeted dextran-doxorubicin nanodrug overcomes doxorubicin-induced chemoresistance of myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2021, 14, 189.	17.0	12
28	Î2-Catenin and Associated Proteins Regulate Lineage Differentiation in Ground State Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2020, 15, 662-676.	4.8	11
29	Discovery of a novel class anti-proliferative agents and potential inhibitors of EGFR tyrosine kinases based on 4-anilinotetrahydropyrido[4,3-d]pyrimidine scaffold: Design, synthesis and biological evaluations. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4591-4607.	3.0	10
30	Protective Effects of Moderate Ca Supplementation against Cd-Induced Bone Damage under Different Population-Relevant Doses in Young Female Rats. <i>Nutrients</i> , 2019, 11, 849.	4.1	10
31	ANP32B-mediated repression of p53 contributes to maintenance of normal and CML stem cells. <i>Blood</i> , 2021, 138, 2485-2498.	1.4	9
32	The RIG-I-NRF2 axis regulates the mesenchymal stromal niche for bone marrow transplantation. <i>Blood</i> , 2022, 139, 3204-3221.	1.4	9
33	Effects of sodium sulfate as electrolyte additive on electrochemical performance of lead electrode. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 374-378.	2.6	8
34	Osteoblast ablation burns out functional stem cells. <i>Blood</i> , 2015, 125, 2590-2591.	1.4	8
35	Retinoic Acid Inhibits Tumor-Associated Mesenchymal Stromal Cell Transformation in Melanoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 658757.	3.7	8
36	Single-Cell Atlas Reveals Fatty Acid Metabolites Regulate the Functional Heterogeneity of Mesenchymal Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653308.	3.7	7

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37	Isoform-specific involvement of Brpf1 in expansion of adult hematopoietic stem and progenitor cells. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 359-371.	3.3	6
38	Parameter-dependent sliding mode control for Markovian jump systems within finite-time interval: handling randomly occurring actuator faults. <i>International Journal of Systems Science</i> , 2021, 52, 2988-3000.	5.5	6
39	A self-assembled leucine polymer sensitizes leukemic stem cells to chemotherapy by inhibiting autophagy in acute myeloid leukemia. <i>Haematologica</i> , 2022, 107, 2344-2355.	3.5	6
40	An efficient and high-yielding protocol for the production of Regorafenib via a new synthetic strategy. <i>Research on Chemical Intermediates</i> , 2016, 42, 3209-3218.	2.7	5
41	Detecting Small Scale Pedestrians and Anthropomorphic Negative Samples Based on Light-Field Imaging. <i>IEEE Access</i> , 2020, 8, 105082-105093.	4.2	4
42	Characteristics of extracellular organic matters and the formation potential of disinfection by-products during the growth phases of <i>M. aeruginosa</i> and <i>Synedra</i> sp.. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14509-14521.	5.3	3
43	Chemoresistant Leukemia-Initiating Cell Expansion Is Inhibited By Targeting Oncogenic Self-Renewal. <i>Blood</i> , 2015, 126, 1860-1860.	1.4	2
44	Light-field imaging for distinguishing fake pedestrians using convolutional neural networks. <i>International Journal of Advanced Robotic Systems</i> , 2021, 18, 172988142098740.	2.1	1
45	The hematopoietic stem cell niche. , 0, , 80-88.		0
46	Metabolic Activity Distinguish Reserve and Primed HSCs. <i>Blood</i> , 2014, 124, 2898-2898.	1.4	0
47	In Situ Hematopoietic Stem Cell Imaging. <i>Methods in Molecular Biology</i> , 2021, 2185, 373-382.	0.9	0
48	Title is missing!. , 2020, 16, e1008334.		0
49	Title is missing!. , 2020, 16, e1008334.		0
50	Title is missing!. , 2020, 16, e1008334.		0
51	Title is missing!. , 2020, 16, e1008334.		0
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55	Title is missing!. , 2020, 16, e1008334.		0