

# Yi Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

5,067  
citations

516710

16  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

9560  
citing authors

#	ARTICLE	IF	CITATIONS
1	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
2	A CRISPR/Cas9 Vector System for Tissue-Specific Gene Disruption in Zebrafish. <i>Developmental Cell</i> , 2015, 32, 756-764.	7.0	325
3	Loci associated with skin pigmentation identified in African populations. <i>Science</i> , 2017, 358, .	12.6	260
4	Hematopoietic gene expression profile in zebrafish kidney marrow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16240-16245.	7.1	132
5	High-throughput cell transplantation establishes that tumor-initiating cells are abundant in zebrafish T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2010, 115, 3296-3303.	1.4	121
6	A defect in the mitochondrial protein Mpv17 underlies the transparent casper zebrafish. <i>Developmental Biology</i> , 2017, 430, 11-17.	2.0	87
7	A network of epigenetic regulators guides developmental haematopoiesis in vivo. <i>Nature Cell Biology</i> , 2013, 15, 1516-1525.	10.3	81
8	A Zebrafish Model of Myelodysplastic Syndrome Produced through <i>tet2</i> Genomic Editing. <i>Molecular and Cellular Biology</i> , 2015, 35, 789-804.	2.3	58
9	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , 2017, 100, 51-63.	6.2	45
10	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9252-9257.	7.1	38
11	RNA helicase DDX21 mediates nucleotide stress responses in neural crest and melanoma cells. <i>Nature Cell Biology</i> , 2020, 22, 372-379.	10.3	37
12	Calmodulin inhibitors improve erythropoiesis in Diamond-Blackfan anemia. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	26
13	Tanshinone I, a new EZH2 inhibitor restricts normal and malignant hematopoiesis through upregulation of <i>MMP9</i> and <i>ABCG2</i> . <i>Theranostics</i> , 2021, 11, 6891-6904.	10.0	25
14	Common variants in signaling transcription-factor-binding sites drive phenotypic variability in red blood cell traits. <i>Nature Genetics</i> , 2020, 52, 1333-1345.	21.4	24
15	The Zon Laboratory Guide to Positional Cloning in Zebrafish. <i>Methods in Cell Biology</i> , 2011, 104, 287-309.	1.1	22
16	JDP2: An oncogenic bZIP transcription factor in T cell acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , 2018, 215, 1929-1945.	8.5	22
17	CHD7 and Runx1 interaction provides a braking mechanism for hematopoietic differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23626-23635.	7.1	18
18	Loss of function <i>tp53</i> mutations do not accelerate the onset of <i>myc</i> -induced T-cell acute lymphoblastic leukaemia in the zebrafish. <i>British Journal of Haematology</i> , 2014, 166, 84-90.	2.5	16

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19	The histone demethylase Jmjd3 regulates zebrafish myeloid development by promoting spi1 expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 106-116.	1.9	12
20	A Network Of Epigenetic Regulators Guide Developmental Hematopoiesis In Vivo. <i>Blood</i> , 2013, 122, 1174-1174.	1.4	5
21	Transcription Factor Induction of Ectopic Vascular Blood Stem Cell Niches In Vivo. <i>Blood</i> , 2019, 134, 525-525.	1.4	5
22	Distinct Signaling Centers Define Stages of Human Erythropoiesis and Harbor Common Variations of Red Blood Cell Traits. <i>Blood</i> , 2017, 130, 773-773.	1.4	0
23	Transcriptional Signaling Centers Govern Human Erythropoiesis and Harbor Genetic Variations of Red Blood Cell Traits. <i>Blood</i> , 2018, 132, 1277-1277.	1.4	0