

Fengchao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

759
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Hair shaft miniaturization causes stem cell depletion through mechanosensory signals mediated by a Piezo1-calcium-TNF- β axis. <i>Cell Stem Cell</i> , 2022, 29, 70-85.e6.	11.1	33
2	Blockage of MLKL prevents myelin damage in experimental diabetic neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121552119.	7.1	4
3	The ZFP541-KCTD19 complex is essential for pachytene progression by activating meiotic genes during mouse spermatogenesis. <i>Journal of Genetics and Genomics</i> , 2022, 49, 1029-1041.	3.9	4
4	Somatic Genetics Analysis of Sleep in Adult Mice. <i>Journal of Neuroscience</i> , 2022, 42, 5617-5640.	3.6	6
5	IP6-assisted CSN-COP1 competition regulates a CRL4-ETV5 proteolytic checkpoint to safeguard glucose-induced insulin secretion. <i>Nature Communications</i> , 2021, 12, 2461.	12.8	11
6	Sgpl1 deletion elevates S1P levels, contributing to NPR2 inactivity and p21 expression that block germ cell development. <i>Cell Death and Disease</i> , 2021, 12, 574.	6.3	7
7	De novo generation of macrophage from placenta-derived hemogenic endothelium. <i>Developmental Cell</i> , 2021, 56, 2121-2133.e6.	7.0	25
8	Protocols for isolation and characterization of mouse placental hemogenic endothelial cells. <i>STAR Protocols</i> , 2021, 2, 100884.	1.2	1
9	A Vagal-NTS Neural Pathway that Stimulates Feeding. <i>Current Biology</i> , 2020, 30, 3986-3998.e5.	3.9	73
10	E2F1 Regulates Adipocyte Differentiation and Adipogenesis by Activating ICAT. <i>Cells</i> , 2020, 9, 1024.	4.1	11
11	Male fertility in <i>Mus musculus</i> requires the activity of TRYX5 in sperm migration into the oviduct. <i>Journal of Cellular Physiology</i> , 2020, 235, 6058-6072.	4.1	7
12	A novel m6A reader Prrc2a controls oligodendroglial specification and myelination. <i>Cell Research</i> , 2019, 29, 23-41.	12.0	250
13	Mixed Lineage Kinase Domain-like Protein MLKL Breaks Down Myelin following Nerve Injury. <i>Molecular Cell</i> , 2018, 72, 457-468.e5.	9.7	64
14	Hoxc-Dependent Mesenchymal Niche Heterogeneity Drives Regional Hair Follicle Regeneration. <i>Cell Stem Cell</i> , 2018, 23, 487-500.e6.	11.1	49
15	Embryonic attenuated Wnt/ β -catenin signaling defines niche location and long-term stem cell fate in hair follicle. <i>ELife</i> , 2015, 4, e10567.	6.0	57
16	Dynamic Reprogramming of Histone Acetylation and Methylation in the First Cell Cycle of Cloned Mouse Embryos ¹ . <i>Biology of Reproduction</i> , 2007, 77, 1007-1016.	2.7	157