

Liyun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

387
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	NTR 2.0: a rationally engineered prodrug-converting enzyme with substantially enhanced efficacy for targeted cell ablation. <i>Nature Methods</i> , 2022, 19, 205-215.	19.0	29
2	Drug screening with zebrafish visual behavior identifies carvedilol as a potential treatment for an autosomal dominant form of retinitis pigmentosa. <i>Scientific Reports</i> , 2021, 11, 11432.	3.3	13
3	Large-scale phenotypic drug screen identifies neuroprotectants in zebrafish and mouse models of retinitis pigmentosa. <i>ELife</i> , 2021, 10, .	6.0	15
4	Multiplexed CRISPR/Cas9 Targeting of Genes Implicated in Retinal Regeneration and Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 88.	3.7	19
5	Expression profiling of the retina of <i>pde6c</i> , a zebrafish model of retinal degeneration. <i>Scientific Data</i> , 2017, 4, 170182.	5.3	21
6	A Naturally-Derived Compound Schisandrin B Enhanced Light Sensation in the <i>pde6c</i> Zebrafish Model of Retinal Degeneration. <i>PLoS ONE</i> , 2016, 11, e0149663.	2.5	27
7	ARQiv-HTS, a versatile whole-organism screening platform enabling in vivo drug discovery at high-throughput rates. <i>Nature Protocols</i> , 2016, 11, 2432-2453.	12.0	50
8	Mesenchymal stem cells for treating ocular surface diseases. <i>BMC Ophthalmology</i> , 2015, 15, 155.	1.4	52
9	Perturbed meibomian gland and tarsal plate morphogenesis by excess TGF β in eyelid stroma. <i>Developmental Biology</i> , 2015, 406, 147-157.	2.0	9
10	<i>p35</i> promotes the differentiation of amacrine cell subtype in the zebrafish retina under the regulation of <i>egr1</i> . <i>Developmental Dynamics</i> , 2014, 243, 315-323.	1.8	2
11	Expression profiling of the RPE in zebrafish <i>smarca4</i> mutant revealed altered signals that potentially affect RPE and retinal differentiation. <i>Molecular Vision</i> , 2014, 20, 56-72.	1.1	3
12	The Role of <i>egr1</i> in Early Zebrafish Retinogenesis. <i>PLoS ONE</i> , 2013, 8, e56108.	2.5	26
13	Drug Screening to Treat Early-Onset Eye Diseases. <i>Asia-Pacific Journal of Ophthalmology</i> , 2012, 1, 374-383.	2.5	9
14	Phenylthiourea Specifically Reduces Zebrafish Eye Size. <i>PLoS ONE</i> , 2012, 7, e40132.	2.5	71
15	Cellular Expression of <i>Smrc4</i> (<i>Brg1</i>)-regulated Genes in Zebrafish Retinas. <i>BMC Developmental Biology</i> , 2011, 11, 45.	2.1	23
16	Microdissection of Zebrafish Embryonic Eye Tissues. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	7