

Liyun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10495476/publications.pdf>

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	Phenylthiourea Specifically Reduces Zebrafish Eye Size. PLoS ONE, 2012, 7, e40132.	2.5	71
2	Mesenchymal stem cells for treating ocular surface diseases. BMC Ophthalmology, 2015, 15, 155.	1.4	52
3	ARQiv-HTS, a versatile whole-organism screening platform enabling in vivo drug discovery at high-throughput rates. Nature Protocols, 2016, 11, 2432-2453.	12.0	50
4	NTR 2.0: a rationally engineered prodrug-converting enzyme with substantially enhanced efficacy for targeted cell ablation. Nature Methods, 2022, 19, 205-215.	19.0	29
5	A Naturally-Derived Compound Schisandrin B Enhanced Light Sensation in the pde6c Zebrafish Model of Retinal Degeneration. PLoS ONE, 2016, 11, e0149663.	2.5	27
6	The Role of egr1 in Early Zebrafish Retinogenesis. PLoS ONE, 2013, 8, e56108.	2.5	26
7	Cellular Expression of Smarca4 (Brg1)-regulated Genes in Zebrafish Retinas. BMC Developmental Biology, 2011, 11, 45.	2.1	23
8	Expression profiling of the retina of pde6c, a zebrafish model of retinal degeneration. Scientific Data, 2017, 4, 170182.	5.3	21
9	Multiplexed CRISPR/Cas9 Targeting of Genes Implicated in Retinal Regeneration and Degeneration. Frontiers in Cell and Developmental Biology, 2018, 6, 88.	3.7	19
10	Large-scale phenotypic drug screen identifies neuroprotectants in zebrafish and mouse models of retinitis pigmentosa. ELife, 2021, 10, .	6.0	15
11	Drug screening with zebrafish visual behavior identifies carvedilol as a potential treatment for an autosomal dominant form of retinitis pigmentosa. Scientific Reports, 2021, 11, 11432.	3.3	13
12	Drug Screening to Treat Early-Onset Eye Diseases. Asia-Pacific Journal of Ophthalmology, 2012, 1, 374-383.	2.5	9
13	Perturbed meibomian gland and tarsal plate morphogenesis by excess TGFβ± in eyelid stroma. Developmental Biology, 2015, 406, 147-157.	2.0	9
14	Microdissection of Zebrafish Embryonic Eye Tissues. Journal of Visualized Experiments, 2010, , .	0.3	7
15	Expression profiling of the RPE in zebrafish smarca4 mutant revealed altered signals that potentially affect RPE and retinal differentiation. Molecular Vision, 2014, 20, 56-72.	1.1	3
16	<i>p35</i> promotes the differentiation of amacrine cell subtype in the zebrafish retina under the regulation of <i>egr1</i>. Developmental Dynamics, 2014, 243, 315-323.	1.8	2