

Gaia Gestri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1846752/publications.pdf>

Version: 2024-02-01

18
papers

1,511
citations

567281

15
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

2010
citing authors

#	ARTICLE	IF	CITATIONS
1	Specification of the vertebrate eye by a network of eye field transcription factors. <i>Development (Cambridge)</i> , 2003, 130, 5155-5167.	2.5	471
2	The visual system of zebrafish and its use to model human ocular Diseases. <i>Developmental Neurobiology</i> , 2012, 72, 302-327.	3.0	156
3	A simple and effective F0 knockout method for rapid screening of behaviour and other complex phenotypes. <i>ELife</i> , 2021, 10, .	6.0	131
4	Yap and Taz regulate retinal pigment epithelial cell fate. <i>Development (Cambridge)</i> , 2015, 142, 3021-32.	2.5	123
5	Retinoic acid receptor signaling regulates choroid fissure closure through independent mechanisms in the ventral optic cup and periocular mesenchyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8698-8703.	7.1	99
6	NRP1 Regulates CDC42 Activation to Promote Filopodia Formation in Endothelial Tip Cells. <i>Cell Reports</i> , 2015, 11, 1577-1590.	6.4	88
7	Reduced TFAP2A function causes variable optic fissure closure and retinal defects and sensitizes eye development to mutations in other morphogenetic regulators. <i>Human Genetics</i> , 2009, 126, 791-803.	3.8	80
8	Tcf7l2 Is Required for Left-Right Asymmetric Differentiation of Habenular Neurons. <i>Current Biology</i> , 2014, 24, 2217-2227.	3.9	52
9	Cdon acts as a Hedgehog decoy receptor during proximal-distal patterning of the optic vesicle. <i>Nature Communications</i> , 2014, 5, 4272.	12.8	52
10	Opposing Shh and Fgf signals initiate nasotemporal patterning of the retina. <i>Development (Cambridge)</i> , 2015, 142, 3933-42.	2.5	46
11	Neuropilin-1 Controls Endothelial Homeostasis by Regulating Mitochondrial Function and Iron-Dependent Oxidative Stress. <i>IScience</i> , 2019, 11, 205-223.	4.1	46
12	Watching eyes take shape. <i>Current Opinion in Genetics and Development</i> , 2015, 32, 73-79.	3.3	43
13	Cell Behaviors during Closure of the Choroid Fissure in the Developing Eye. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 42.	3.7	43
14	Antagonism between Gdf6a and retinoic acid pathways controls timing of retinal neurogenesis and growth of the eye in zebrafish. <i>Development (Cambridge)</i> , 2016, 143, 1087-98.	2.5	26
15	Compensatory growth renders Tcf7l1a dispensable for eye formation despite its requirement in eye field specification. <i>ELife</i> , 2019, 8, .	6.0	21
16	A versatile, automated and high-throughput drug screening platform for zebrafish embryos. <i>Biology Open</i> , 2021, 10, .	1.2	18
17	Abrogation of Stem Loop Binding Protein (Slbp) function leads to a failure of cells to transition from proliferation to differentiation, retinal coloboma and midline axon guidance deficits. <i>PLoS ONE</i> , 2019, 14, e0211073.	2.5	9
18	Developmental delay during eye morphogenesis underlies optic cup and neurogenesis defects in <i>mab21l2</i> ^{u517} zebrafish mutants. <i>International Journal of Developmental Biology</i> , 2021, 65, 289-299.	0.6	7