

Peng Huang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,186
citations

516710

16
h-index

677142

22
g-index

29
all docs

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docs citations

29
times ranked

4049
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Mutagenesis by Cas9 Protein-Mediated Oligonucleotide Insertion and Large-Scale Assessment of Single-Guide RNAs. <i>PLoS ONE</i> , 2014, 9, e98186.	2.5	794
2	Chromosomal deletions and inversions mediated by TALENs and CRISPR/Cas in zebrafish. <i>Nucleic Acids Research</i> , 2013, 41, e141-e141.	14.5	369
3	Dampened Hedgehog signaling but normal Wnt signaling in zebrafish without cilia. <i>Development (Cambridge)</i> , 2009, 136, 3089-3098.	2.5	187
4	Specified Neural Progenitors Sort to Form Sharp Domains after Noisy Shh Signaling. <i>Cell</i> , 2013, 153, 550-561.	28.9	147
5	Fgf-Dependent Etv4/5 Activity Is Required for Posterior Restriction of Sonic hedgehog and Promoting Outgrowth of the Vertebrate Limb. <i>Developmental Cell</i> , 2009, 16, 600-606.	7.0	123
6	Attenuation of Notch and Hedgehog Signaling Is Required for Fate Specification in the Spinal Cord. <i>PLoS Genetics</i> , 2012, 8, e1002762.	3.5	76
7	UNC-71, a disintegrin and metalloprotease (ADAM) protein, regulates motor axon guidance and sex myoblast migration in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2003, 130, 3147-3161.	2.5	63
8	FGF signaling in flies and worms: More and more relevant to vertebrate biology. <i>Cytokine and Growth Factor Reviews</i> , 2005, 16, 151-158.	7.2	62
9	The role of hair cells, cilia and ciliary motility in otolith formation in the zebrafish otic vesicle. <i>Development (Cambridge)</i> , 2012, 139, 1777-1787.	2.5	59
10	Dual function of perivascular fibroblasts in vascular stabilization in zebrafish. <i>PLoS Genetics</i> , 2020, 16, e1008800.	3.5	51
11	FGF signaling functions in the hypodermis to regulate fluid balance in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2004, 131, 2595-2604.	2.5	45
12	Stereotypic generation of axial tenocytes from bipartite sclerotome domains in zebrafish. <i>PLoS Genetics</i> , 2018, 14, e1007775.	3.5	34
13	Disrupting the adult globin promoter alleviates promoter competition and reactivates fetal globin gene expression. <i>Blood</i> , 2022, 139, 2107-2118.	1.4	32
14	The PCP protein Vangl2 regulates migration of hindbrain motor neurons by acting in floor plate cells, and independently of cilia function. <i>Developmental Biology</i> , 2013, 382, 400-412.	2.0	25
15	Different isoforms of the <i>C. elegans</i> FGF receptor are required for attraction and repulsion of the migrating sex myoblasts. <i>Developmental Biology</i> , 2008, 318, 268-275.	2.0	24
16	<i>miR-219</i> regulates neural progenitors by dampening apical Par protein-dependent Hedgehog signaling. <i>Development (Cambridge)</i> , 2016, 143, 2292-304.	2.5	23
17	Single cell dynamics of embryonic muscle progenitor cells in zebrafish. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	15
18	Notch signalling maintains Hedgehog responsiveness via a Gli-dependent mechanism during spinal cord patterning in zebrafish. <i>ELife</i> , 2019, 8, .	6.0	14

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19	Restrictions on the Importation of Zebrafish into Canada Associated with Spring Viremia of Carp Virus. <i>Zebrafish</i> , 2016, 13, S-153-S-163.	1.1	13
20	Complex crosstalk of Notch and Hedgehog signalling during the development of the central nervous system. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 635-644.	5.4	10
21	Elastin Shapes Small Molecule Distribution in Lymph Node Conduits. <i>Journal of Immunology</i> , 2018, 200, 3142-3150.	0.8	7
22	Temporal cell fate determination in the spinal cord is mediated by the duration of Notch signalling. <i>Developmental Biology</i> , 2022, 489, 1-13.	2.0	7