

# Shuyi Nie

## List of Publications by Year in descending order

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20  
papers

997  
citations

687363

13  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Analysis of Directional Neural Crest. <i>Methods in Molecular Biology</i> , 2022, 2438, 517-526.	0.9	0
2	Spatiotemporal development of coexisting wave domains of Rho activity in the cell cortex. <i>Scientific Reports</i> , 2021, 11, 19512.	3.3	4
3	Intrinsic Endocardial Defects Contribute to Hypoplastic Left Heart Syndrome. <i>Cell Stem Cell</i> , 2020, 27, 574-589.e8.	11.1	89
4	Cdc42 Effector Protein 3 Interacts With Cdc42 in Regulating <i>Xenopus</i> Somite Segmentation. <i>Frontiers in Physiology</i> , 2019, 10, 542.	2.8	1
5	Hypoplastic Left Heart Syndrome: A New Paradigm for an Old Disease?. <i>Journal of Cardiovascular Development and Disease</i> , 2019, 6, 10.	1.6	38
6	Specifying neural crest cells: From chromatin to morphogens and factors in between. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e322.	5.9	37
7	Cdc42 regulates the cellular localization of Cdc42ep1 in controlling neural crest cell migration. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 376-387.	3.3	12
8	Cover Image, Volume 7, Issue 5. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e334.	5.9	0
9	MMP14 Regulates Cranial Neural Crest Epithelial to Mesenchymal Transition and Migration. <i>Developmental Dynamics</i> , 2018, 247, 1083-1092.	1.8	32
10	Crestospheres: Long-Term Maintenance of Multipotent, Premigratory Neural Crest Stem Cells. <i>Stem Cell Reports</i> , 2015, 5, 499-507.	4.8	43
11	Dual developmental role of transcriptional regulator Ets1 in <i>Xenopus</i> cardiac neural crest vs. heart mesoderm. <i>Cardiovascular Research</i> , 2015, 106, 67-75.	3.8	28
12	Bioinformatic Analysis of Nematode Migration-Associated Genes Identifies Novel Vertebrate Neural Crest Markers. <i>PLoS ONE</i> , 2014, 9, e103024.	2.5	0
13	Caldesmon regulates actin dynamics to influence cranial neural crest migration in <i>Xenopus</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 3355-3365.	2.1	12
14	Myosin-X is critical for migratory ability of <i>Xenopus</i> cranial neural crest cells. <i>Developmental Biology</i> , 2009, 335, 132-142.	2.0	38
15	Parathyroid hormone signaling through low-density lipoprotein-related protein 6. <i>Genes and Development</i> , 2008, 22, 2968-2979.	5.9	208
16	Endofin acts as a Smad anchor for receptor activation in BMP signaling. <i>Journal of Cell Science</i> , 2007, 120, 1216-1224.	2.0	90
17	Regulation of <i>Xenopus</i> gastrulation by ErbB signaling. <i>Developmental Biology</i> , 2007, 303, 93-107.	2.0	22
18	PI3K and Erk MAPK mediate ErbB signaling in <i>Xenopus</i> gastrulation. <i>Mechanisms of Development</i> , 2007, 124, 657-667.	1.7	25

#	ARTICLE	IF	CITATIONS
19	Regulation of cell cycle progression and gene expression by H2A deubiquitination. Nature, 2007, 449, 1068-1072.	27.8	274
20	Smads oppose Hox transcriptional activities. Experimental Cell Research, 2006, 312, 854-864.	2.6	44