

# Bing He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6493657/publications.pdf>

Version: 2024-02-01

11  
papers

505  
citations

1478505

6  
h-index

1588992

8  
g-index

16  
all docs

16  
docs citations

16  
times ranked

670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apical constriction drives tissue-scale hydrodynamic flow to mediate cell elongation. <i>Nature</i> , 2014, 508, 392-396.	27.8	202
2	Volume conservation principle involved in cell lengthening and nucleus movement during tissue morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19298-19303.	7.1	127
3	Passive Mechanical Forces Control Cell-Shape Change during <i>Drosophila</i> Ventral Furrow Formation. <i>Biophysical Journal</i> , 2014, 107, 998-1010.	0.5	94
4	Flow-dependent myosin recruitment during <i>Drosophila</i> cellularization requires zygotic <i>dunk</i> activity. <i>Development (Cambridge)</i> , 2016, 143, 2417-30.	2.5	29
5	Mapping the pericentric heterochromatin by comparative genomic hybridization analysis and chromosome deletions in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2012, 22, 2507-2519.	5.5	24
6	Optogenetic inhibition of actomyosin reveals mechanical bistability of the mesoderm epithelium during <i>Drosophila</i> mesoderm invagination. <i>ELife</i> , 2022, 11, .	6.0	15
7	The cell polarity determinant <i>Dlg1</i> facilitates epithelial invagination by promoting tissue-scale mechanical coordination. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	4
8	Evidence for a Role of the Lateral Ectoderm in <i>Drosophila</i> Mesoderm Invagination. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 867438.	3.7	4
9	Actomyosin activity-dependent apical targeting of Rab11 vesicles reinforces apical constriction. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	2
10	Flow-dependent myosin recruitment during <i>Drosophila</i> cellularization requires zygotic <i>dunk</i> activity. <i>Journal of Cell Science</i> , 2016, 129, e1.1-e1.1.	2.0	0
11	Toll-Dorsal signaling regulates the spatiotemporal dynamics of yolk granule tubulation during <i>Drosophila</i> cleavage. <i>Developmental Biology</i> , 2022, 481, 64-74.	2.0	0