

# Huaqing Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

877  
citations

623734

14  
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752698

20  
g-index

24  
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24  
docs citations

24  
times ranked

1091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Functional Analyses of Hub MicroRNAs in An Integrated Gene Regulatory Network of Arabidopsis. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 747-764.	6.9	10
2	Gradients of PI(4,5)P2 and PI(3,5)P2 Jointly Participate in Shaping the Back State of Dictyostelium Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 835185.	3.7	3
3	Oligopeptide transporter Slc15A modulates macropinocytosis in <i>Dictyostelium</i> by maintaining intracellular nutrient status. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	5
4	The PripA-TbcrA complex-centered Rab GAP cascade facilitates macropinosome maturation in Dictyostelium. <i>Nature Communications</i> , 2022, 13, 1787.	12.8	13
5	MicroRNA775 regulates intrinsic leaf size and reduces cell wall pectin levels by targeting a galactosyltransferase gene in Arabidopsis. <i>Plant Cell</i> , 2021, 33, 581-602.	6.6	22
6	Leep1 interacts with PIP3 and the Scar/WAVE complex to regulate cell migration and macropinocytosis. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	21
7	An Excitable Ras/PI3K/ERK Signaling Network Controls Migration and Oncogenic Transformation in Epithelial Cells. <i>Developmental Cell</i> , 2020, 54, 608-623.e5.	7.0	62
8	Laccase3-based extracellular domain provides possible positional information for directing Casparian strip formation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15400-15402.	7.1	24
9	Statin-induced GGPP depletion blocks macropinocytosis and starves cells with oncogenic defects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4158-4168.	7.1	39
10	Pitavastatin Selectively Kills PTEN Knock Out Cells and Cancer Organoids in Mouse Model via the Mevalonate Pathway. <i>FASEB Journal</i> , 2019, 33, 782.14.	0.5	0
11	Insight from the maximal activation of the signal transduction excitable network in <i>Dictyostelium discoideum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3722-E3730.	7.1	16
12	Altering the threshold of an excitable signal transduction network changes cell migratory modes. <i>Nature Cell Biology</i> , 2017, 19, 329-340.	10.3	121
13	The novel RacE-binding protein GflB sharpens Ras activity at the leading edge of migrating cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 1596-1605.	2.1	13
14	Auxilin facilitates membrane traffic in the early secretory pathway. <i>Molecular Biology of the Cell</i> , 2016, 27, 127-136.	2.1	19
15	A large-scale screen reveals genes that mediate electrotaxis in <i>Dictyostelium discoideum</i> . <i>Science Signaling</i> , 2015, 8, ra50.	3.6	39
16	The GATA transcription factor GtaC regulates early developmental gene expression dynamics in Dictyostelium. <i>Nature Communications</i> , 2015, 6, 7551.	12.8	20
17	MicroRNA408 Is Critical for the <i>HY5-SPL7</i> Gene Network That Mediates the Coordinated Response to Light and Copper Å. <i>Plant Cell</i> , 2015, 26, 4933-4953.	6.6	164
18	Nucleocytoplasmic Shuttling of a GATA Transcription Factor Functions as a Development Timer. <i>Science</i> , 2014, 343, 1249531.	12.6	66

#	ARTICLE	IF	CITATIONS
19	Moving in the right direction: How eukaryotic cells migrate along chemical gradients. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 834-841.	5.0	69
20	Analysis of Chemotaxis in <i>Dictyostelium</i> . <i>Methods in Molecular Biology</i> , 2011, 757, 451-468.	0.9	28
21	Ras-mediated activation of the TORC2- $\text{PKB}$ pathway is critical for chemotaxis. <i>Journal of Cell Biology</i> , 2010, 190, 233-245.	5.2	118