

# Yuchuan Miao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7468401/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Excitable Signal Transduction Networks in Directed Cell Migration. Annual Review of Cell and Developmental Biology, 2017, 33, 103-125.	4.0	143
2	Altering the threshold of an excitable signal transduction network changes cell migratory modes. Nature Cell Biology, 2017, 19, 329-340.	4.6	121
3	Wave patterns organize cellular protrusions and control cortical dynamics. Molecular Systems Biology, 2019, 15, e8585.	3.2	70
4	The excitable signal transduction networks: movers and shapers of eukaryotic cell migration. International Journal of Developmental Biology, 2019, 63, 407-416.	0.3	39
5	Excitable networks controlling cell migration during development and disease. Seminars in Cell and Developmental Biology, 2020, 100, 133-142.	2.3	33
6	Traveling and standing waves mediate pattern formation in cellular protrusions. Science Advances, 2020, 6, eaay7682.	4.7	24
7	A minimal computational model for three-dimensional cell migration. Journal of the Royal Society Interface, 2019, 16, 20190619.	1.5	23
8	Coupling traction force patterns and actomyosin wave dynamics reveals mechanics of cell motion. Molecular Systems Biology, 2021, 17, e10505.	3.2	10
9	Cortical waves mediate the cellular response to electric fields. ELife, 2022, 11, .	2.8	9