

# Melinda Liu Perkins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1360074/publications.pdf>

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7  
papers

50  
citations

2258059

3  
h-index

2053705

5  
g-index

9  
all docs

9  
docs citations

9  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic synthesis to explore animal evolution and development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	5
2	Implications of diffusion and time-varying morphogen gradients for the dynamic positioning and precision of bistable gene expression boundaries. <i>PLoS Computational Biology</i> , 2021, 17, e1008589.	3.2	3
3	Cell-in-the-loop pattern formation with optogenetically emulated cell-to-cell signaling. <i>Nature Communications</i> , 2020, 11, 1355.	12.8	32
4	A Spatial Filtering Approach to Biological Patterning. <i>SIAM Journal on Applied Dynamical Systems</i> , 2019, 18, 1694-1721.	1.6	0
5	Designing Spatially Distributed Gene Regulatory Networks To Elicit Contrasting Patterns. <i>ACS Synthetic Biology</i> , 2019, 8, 119-126.	3.8	6
6	Discrete Spatial Filtering by Networks of Cells Facilitates Biological Pattern Formation. , 2018, , .		0
7	Frequency shifting reduces but does not eliminate acoustic interference between echolocating bats: A theoretical analysis. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 2133-2142.	1.1	2