

Melinda Liu Perkins

List of Publications by Year in descending order

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