

Steven A Redford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7731449/publications.pdf>

Version: 2024-02-01

7
papers

175
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Catapulting of topological defects through elasticity bands in active nematics. <i>Soft Matter</i> , 2022, 18, 5271-5281.	2.7	5
2	Spatiotemporal control of liquid crystal structure and dynamics through activity patterning. <i>Nature Materials</i> , 2021, 20, 875-882.	27.5	70
3	Machine learning active-nematic hydrodynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	44
4	Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture. <i>Communications Biology</i> , 2021, 4, 1136.	4.4	26
5	Actin filament alignment causes mechanical hysteresis in cross-linked networks. <i>Soft Matter</i> , 2021, 17, 5499-5507.	2.7	16
6	Sulfate adenylyl transferase kinetics and mechanisms of metabolic inhibitors of microbial sulfate respiration. <i>ISME Communications</i> , 2021, 1, .	4.2	0
7	Adaptation of <i>Desulfovibrio alaskensis</i> G20 to perchlorate, a specific inhibitor of sulfate reduction. <i>Environmental Microbiology</i> , 2019, 21, 1395-1406.	3.8	14