

Steven A Redford

List of Publications by Year in descending order

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