

Bekele J Gurmessa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7822810/publications.pdf>

Version: 2024-02-01

7
papers

110
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Actin Deformations Lead to Network Stiffening, Yielding, and Nonuniform Stress Propagation. <i>Biophysical Journal</i> , 2017, 113, 1540-1550.	0.5	27
2	Synergistic Interactions Between DNA and Actin Trigger Emergent Viscoelastic Behavior. <i>Physical Review Letters</i> , 2018, 121, 257801.	7.8	25
3	Entanglement Density Tunes Microscale Nonlinear Response of Entangled Actin. <i>Macromolecules</i> , 2016, 49, 3948-3955.	4.8	23
4	Counterion crossbridges enable robust multiscale elasticity in actin networks. <i>Physical Review Research</i> , 2019, 1, .	3.6	17
5	Triggered disassembly and reassembly of actin networks induces rigidity phase transitions. <i>Soft Matter</i> , 2019, 15, 1335-1344.	2.7	13
6	Microscale Mechanics of Plug-and-Play In Vitro Cytoskeleton Networks. , 0, , .		4
7	Salt-Mediated Stiffening, Destruction, and Resculpting of Actomyosin Network. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	1