

JiÅÃ- PeÅjek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/80439/publications.pdf>

Version: 2024-02-01

7
papers

142
citations

1684188

5
h-index

1872680

6
g-index

9
all docs

9
docs citations

9
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergent structures and dynamics of cell colonies by contact inhibition of locomotion. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14621-14626.	7.1	73
2	The Effect of Cortical Elasticity and Active Tension on Cell Adhesion Mechanics. Biophysical Journal, 2019, 116, 930-937.	0.5	31
3	Compaction Dynamics during Progenitor Cell Self-Assembly Reveal Granular Mechanics. Matter, 2020, 2, 1283-1295.	10.0	12
4	Model-Driven Controlled Alteration of Nanopillar Cap Architecture Reveals its Effects on Bactericidal Activity. Microorganisms, 2020, 8, 186.	3.6	9
5	Model study on steady heat capacity in driven stochastic systems. Open Physics, 2012, 10, .	1.7	8
6	Mathematical model suitable for efficient simulation of thin semi-flexible polymers in complex environments. Soft Matter, 2016, 12, 3360-3387.	2.7	5
7	Permissive aggregative group formation favors coexistence between cooperators and defectors in yeast. ISME Journal, 2022, 16, 2305-2312.	9.8	2