

Jonathan Garamella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5126488/publications.pdf>

Version: 2024-02-01

10
papers

539
citations

1163117

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h-index

1372567

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13
all docs

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docs citations

13
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	The All <i>E. coli</i> TX-TL Toolbox 2.0: A Platform for Cell-Free Synthetic Biology. ACS Synthetic Biology, 2016, 5, 344-355.	3.8	359
2	An Adaptive Synthetic Cell Based on Mechanosensing, Biosensing, and Inducible Gene Circuits. ACS Synthetic Biology, 2019, 8, 1913-1920.	3.8	53
3	Anomalous and heterogeneous DNA transport in biomimetic cytoskeleton networks. Soft Matter, 2020, 16, 6344-6353.	2.7	24
4	Filament Rigidity Vies with Mesh Size in Determining Anomalous Diffusion in Cytoskeleton. Biomacromolecules, 2019, 20, 4380-4388.	5.4	22
5	Topology-dependent anomalous dynamics of ring and linear DNA are sensitive to cytoskeleton crosslinking. Science Advances, 2019, 5, eaay5912.	10.3	18
6	Topological tuning of DNA mobility in entangled solutions of supercoiled plasmids. Science Advances, 2021, 7, .	10.3	18
7	TXTL-based approach to synthetic cells. Methods in Enzymology, 2019, 617, 217-239.	1.0	17
8	Engineering DNA nanotubes for resilience in an <i>E. coli</i> TXTL system. Synthetic Biology, 2018, 3, ysy001.	2.2	11
9	Subtle changes in crosslinking drive diverse anomalous transport characteristics in actin microtubule networks. Soft Matter, 2021, 17, 4375-4385.	2.7	8
10	DNA Conformation Dictates Strength and Flocculation in DNA Microtubule Composites. ACS Macro Letters, 2021, 10, 1540-1548.	4.8	8