

Roxanne Glazier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3482367/publications.pdf>

Version: 2024-02-01

11
papers

316
citations

1307594

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h-index

1372567

10
g-index

12
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12
docs citations

12
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Live-cell super-resolved PAINT imaging of piconewton cellular traction forces. <i>Nature Methods</i> , 2020, 17, 1018-1024.	19.0	85
2	Supported lipid bilayer platforms to probe cell mechanobiology. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1465-1482.	2.6	70
3	DNA mechanotechnology reveals that integrin receptors apply pN forces in podosomes on fluid substrates. <i>Nature Communications</i> , 2019, 10, 4507.	12.8	69
4	Mechanically Triggered Hybridization Chain Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19974-19981.	13.8	34
5	Site-Selective RNA Splicing Nanozyme: DNAzyme and RtcB Conjugates on a Gold Nanoparticle. <i>ACS Chemical Biology</i> , 2018, 13, 215-224.	3.4	18
6	DNA-Based Microparticle Tension Sensors (1/4TS) for Measuring Cell Mechanics in Non-planar Geometries and for High-Throughput Quantification. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18044-18050.	13.8	13
7	Turn-key mapping of cell receptor force orientation and magnitude using a commercial structured illumination microscope. <i>Nature Communications</i> , 2021, 12, 4693.	12.8	10
8	Spectroscopic Analysis of a Library of DNA Tension Probes for Mapping Cellular Forces at Fluid Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2145-2164.	8.0	8
9	DNA-Based Microparticle Tension Sensors (1/4TS) for Measuring Cell Mechanics in Non-planar Geometries and for High-Throughput Quantification. <i>Angewandte Chemie</i> , 2021, 133, 18192-18198.	2.0	6
10	Mechanically Triggered Hybridization Chain Reaction. <i>Angewandte Chemie</i> , 2021, 133, 20127-20134.	2.0	3
11	Location, Location, Location: EphB4:Ephrin-B2 Signaling Depends on Its Spatial Arrangement. <i>Biophysical Journal</i> , 2018, 115, 754-756.	0.5	0