

James T Inman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11264921/publications.pdf>

Version: 2024-02-01

12
papers

431
citations

933447

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanophotonic trapping for precise manipulation of biomolecular arrays. Nature Nanotechnology, 2014, 9, 448-452.	31.5	138
2	Mfd Dynamically Regulates Transcription via a Release and Catch-Up Mechanism. Cell, 2018, 172, 344-357.e15.	28.9	65
3	Synergistic Coordination of Chromatin Torsional Mechanics and Topoisomerase Activity. Cell, 2019, 179, 619-631.e15.	28.9	44
4	T7 replisome directly overcomes DNA damage. Nature Communications, 2015, 6, 10260.	12.8	42
5	Torsional Stiffness of Extended and Plectonemic DNA. Physical Review Letters, 2021, 127, 028101.	7.8	27
6	Electro-optofluidics: achieving dynamic control on-chip. Optics Express, 2012, 20, 22314.	3.4	24
7	DNA Y Structure: A Versatile, Multidimensional Single Molecule Assay. Nano Letters, 2014, 14, 6475-6480.	9.1	24
8	Biocompatible and High Stiffness Nanophotonic Trap Array for Precise and Versatile Manipulation. Nano Letters, 2016, 16, 6661-6667.	9.1	22
9	Helicase promotes replication re-initiation from an RNA transcript. Nature Communications, 2018, 9, 2306.	12.8	18
10	High-Performance Image-Based Measurements of Biological Forces and Interactions in a Dual Optical Trap. ACS Nano, 2018, 12, 11963-11974.	14.6	11
11	Tunable nanophotonic array traps with enhanced force and stability. Optics Express, 2017, 25, 7907.	3.4	8
12	Resonator nanophotonic standing-wave array trap for single-molecule manipulation and measurement. Nature Communications, 2022, 13, 77.	12.8	8