

James T Inman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

301
citations

9
h-index

13
g-index

13
ext. papers

374
ext. citations

20
avg, IF

3.02
L-index

#	Paper	IF	Citations
12	Resonator nanophotonic standing-wave array trap for single-molecule manipulation and measurement.. <i>Nature Communications</i> , 2022 , 13, 77	17.4	1
11	Torsional Stiffness of Extended and Plectonemic DNA. <i>Physical Review Letters</i> , 2021 , 127, 028101	7.4	3
10	Synergistic Coordination of Chromatin Torsional Mechanics and Topoisomerase Activity. <i>Cell</i> , 2019 , 179, 619-631.e15	56.2	26
9	Helicase promotes replication re-initiation from an RNA transcript. <i>Nature Communications</i> , 2018 , 9, 23067.4	16	
8	Mfd Dynamically Regulates Transcription via a Release and Catch-Up Mechanism. <i>Cell</i> , 2018 , 172, 344-357.e15	36.15	35
7	High-Performance Image-Based Measurements of Biological Forces and Interactions in a Dual Optical Trap. <i>ACS Nano</i> , 2018 , 12, 11963-11974	16.7	10
6	Tunable nanophotonic array traps with enhanced force and stability. <i>Optics Express</i> , 2017 , 25, 7907-7918	3.3	6
5	Biocompatible and High Stiffness Nanophotonic Trap Array for Precise and Versatile Manipulation. <i>Nano Letters</i> , 2016 , 16, 6661-6667	11.5	18
4	T7 replisome directly overcomes DNA damage. <i>Nature Communications</i> , 2015 , 6, 10260	17.4	34
3	Nanophotonic trapping for precise manipulation of biomolecular arrays. <i>Nature Nanotechnology</i> , 2014 , 9, 448-52	28.7	111
2	DNA Y structure: a versatile, multidimensional single molecule assay. <i>Nano Letters</i> , 2014 , 14, 6475-80	11.5	22
1	Electro-optofluidics: achieving dynamic control on-chip. <i>Optics Express</i> , 2012 , 20, 22314-26	3.3	19