

# James T Inman

## List of Publications by Citations

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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	Nanophotonic trapping for precise manipulation of biomolecular arrays. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 448-52	28.7	111
11	Mfd Dynamically Regulates Transcription via a Release and Catch-Up Mechanism. <i>Cell</i> , <b>2018</b> , 172, 344-357.e15	36.15	35
10	T7 replisome directly overcomes DNA damage. <i>Nature Communications</i> , <b>2015</b> , 6, 10260	17.4	34
9	Synergistic Coordination of Chromatin Torsional Mechanics and Topoisomerase Activity. <i>Cell</i> , <b>2019</b> , 179, 619-631.e15	56.2	26
8	DNA Y structure: a versatile, multidimensional single molecule assay. <i>Nano Letters</i> , <b>2014</b> , 14, 6475-80	11.5	22
7	Electro-optofluidics: achieving dynamic control on-chip. <i>Optics Express</i> , <b>2012</b> , 20, 22314-26	3.3	19
6	Biocompatible and High Stiffness Nanophotonic Trap Array for Precise and Versatile Manipulation. <i>Nano Letters</i> , <b>2016</b> , 16, 6661-6667	11.5	18
5	Helicase promotes replication re-initiation from an RNA transcript. <i>Nature Communications</i> , <b>2018</b> , 9, 23067.4	16	
4	High-Performance Image-Based Measurements of Biological Forces and Interactions in a Dual Optical Trap. <i>ACS Nano</i> , <b>2018</b> , 12, 11963-11974	16.7	10
3	Tunable nanophotonic array traps with enhanced force and stability. <i>Optics Express</i> , <b>2017</b> , 25, 7907-7918.3,3	6	
2	Torsional Stiffness of Extended and Plectonemic DNA. <i>Physical Review Letters</i> , <b>2021</b> , 127, 028101	7.4	3
1	Resonator nanophotonic standing-wave array trap for single-molecule manipulation and measurement.. <i>Nature Communications</i> , <b>2022</b> , 13, 77	17.4	1