

Matthew J Comstock

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

489
citations

1163117
8
h-index

1588992
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g-index

8
all docs

8
docs citations

8
times ranked

595
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high-resolution optical trap with single-fluorophore sensitivity. <i>Nature Methods</i> , 2011, 8, 335-340.	19.0	176
2	Direct observation of structure-function relationship in a nucleic acid-processing enzyme. <i>Science</i> , 2015, 348, 352-354.	12.6	161
3	Observation of processive telomerase catalysis using high-resolution optical tweezers. <i>Nature Chemical Biology</i> , 2020, 16, 801-809.	8.0	39
4	High-Resolution "Fleezers" Dual-Trap Optical Tweezers Combined with Single-Molecule Fluorescence Detection. <i>Methods in Molecular Biology</i> , 2017, 1486, 183-256.	0.9	37
5	Single molecule force spectroscopy at high data acquisition: A Bayesian nonparametric analysis. <i>Journal of Chemical Physics</i> , 2018, 148, 123320.	3.0	35
6	The RNA helicase Mtr4p is a duplex-sensing translocase. <i>Nature Chemical Biology</i> , 2017, 13, 99-104.	8.0	23
7	Combined Force Ramp and Equilibrium High-Resolution Investigations Reveal Multipath Heterogeneous Unfolding of Protein G. <i>Journal of Physical Chemistry B</i> , 2018, 122, 11155-11165.	2.6	9
8	Combined High-Resolution Optical Tweezers and Multicolor Single-Molecule Fluorescence with an Automated Single-Molecule Assembly Line. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9612-9620.	2.5	9