

Manuel F Juette

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,222
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional sub-100 nm resolution fluorescence microscopy of thick samples. <i>Nature Methods</i> , 2008, 5, 527-529.	19.0	753
2	Ultra-stable organic fluorophores for single-molecule research. <i>Chemical Society Reviews</i> , 2014, 43, 1044-1056.	38.1	323
3	Single-molecule analysis of ligand efficacy in β 2AR G-protein activation. <i>Nature</i> , 2017, 547, 68-73.	27.8	265
4	Single-molecule imaging of non-equilibrium molecular ensembles on the millisecond timescale. <i>Nature Methods</i> , 2016, 13, 341-344.	19.0	205
5	Experimental characterization of 3D localization techniques for particle-tracking and super-resolution microscopy. <i>Optics Express</i> , 2009, 17, 8264.	3.4	137
6	The bright future of single-molecule fluorescence imaging. <i>Current Opinion in Chemical Biology</i> , 2014, 20, 103-111.	6.1	112
7	Three-Dimensional Tracking of Single Fluorescent Particles with Submillisecond Temporal Resolution. <i>Nano Letters</i> , 2010, 10, 4657-4663.	9.1	93
8	Endogenous rRNA Sequence Variation Can Regulate Stress Response Gene Expression and Phenotype. <i>Cell Reports</i> , 2018, 25, 236-248.e6.	6.4	85
9	Distinct tRNA Accommodation Intermediates Observed on the Ribosome with the Antibiotics Hygromycin A and A201A. <i>Molecular Cell</i> , 2015, 58, 832-844.	9.7	79
10	Functional Dynamics within the Human Ribosome Regulate the Rate of Active Protein Synthesis. <i>Molecular Cell</i> , 2015, 60, 475-486.	9.7	56
11	Structures of the orthosomycin antibiotics avilamycin and evernimicin in complex with the bacterial 70S ribosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7527-7532.	7.1	45
12	Negamycin induces translational stalling and miscoding by binding to the small subunit head domain of the <i>Escherichia coli</i> ribosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16274-16279.	7.1	36
13	Quantitative pupil analysis in stimulated emission depletion microscopy using phase retrieval. <i>Optics Letters</i> , 2012, 37, 1805.	3.3	19
14	Adaptive optics enables three-dimensional single particle tracking at the sub-millisecond scale. <i>Applied Physics Letters</i> , 2013, 102, 173702.	3.3	14
15	3D Localization in Fluorescence Photoactivation Localization Microscopy and Particle Tracking. , 2009, , .		0