Manuel F Juette

List of Publications by Year
in descending order

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	Endogenous rRNA Sequence Variation Can Regulate Stress Response Gene Expression and Phenotype. Cell Reports, 2018, 25, 236-248.e6.	6.4	85
2	Single-molecule analysis of ligand efficacy in Î²2ARâ€“G-protein activation. Nature, 2017, 547, 68-73.	27.8	265
3	Structures of the orthosomycin antibiotics avilamycin and evernimicin in complex with the bacterial 70S ribosome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7527-7532.	7.1	45
4	Single-molecule imaging of non-equilibrium molecular ensembles on the millisecond timescale. Nature Methods, 2016, 13, 341-344.	19.0	205
5	Distinct tRNA Accommodation Intermediates Observed on the Ribosome with the Antibiotics Hygromycin A and A201A. Molecular Cell, 2015, 58, 832-844.	9.7	79
6	Functional Dynamics within the Human Ribosome Regulate the Rate of Active Protein Synthesis. Molecular Cell, 2015, 60, 475-486.	9.7	56
7	Ultra-stable organic fluorophores for single-molecule research. Chemical Society Reviews, 2014, 43, 1044-1056.	38.1	323
8	Negamycin induces translational stalling and miscoding by binding to the small subunit head domain of the Escherichia coli ribosome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16274-16279.	7.1	36
9	The bright future of single-molecule fluorescence imaging. Current Opinion in Chemical Biology, 2014, 20, 103-111.	6.1	112
10	Adaptive optics enables three-dimensional single particle tracking at the sub-millisecond scale. Applied Physics Letters, 2013, 102, 173702.	3.3	14
11	Quantitative pupil analysis in stimulated emission depletion microscopy using phase retrieval. Optics Letters, 2012, 37, 1805.	3.3	19
12	Three-Dimensional Tracking of Single Fluorescent Particles with Submillisecond Temporal Resolution. Nano Letters, 2010, 10, 4657-4663.	9.1	93
13	Experimental characterization of 3D localization techniques for particle-tracking and super-resolution microscopy. Optics Express, 2009, 17, 8264.	3.4	137
14	3D Localization in Fluorescence Photoactivation Localization Microscopy and Particle Tracking. , 2009, , .		0
15	Three-dimensional subâ€“100 nm resolution fluorescence microscopy of thick samples. Nature Methods, 2008, 5, 527-529.	19.0	753