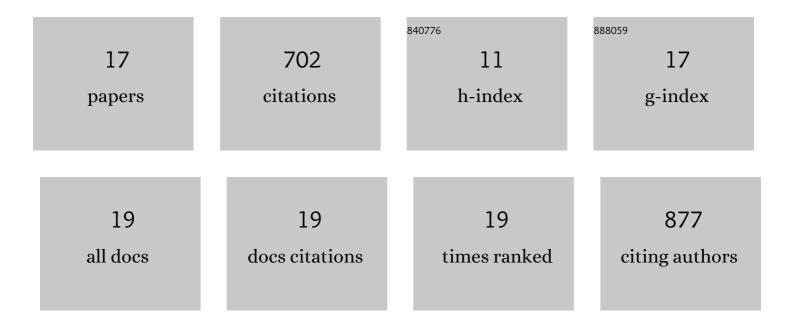
Matthew Ferguson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Kinetic competition during the transcription cycle results in stochastic RNA processing. ELife, 2014, 3, .	6.0	177
2	Live ell imaging reveals the interplay between transcription factors, nucleosomes, and bursting. EMBO Journal, 2019, 38, .	7.8	155
3	Transcriptional Bursting and Co-bursting Regulation by Steroid Hormone Release Pattern and Transcription Factor Mobility. Molecular Cell, 2019, 75, 1161-1177.e11.	9.7	86
4	Reconciling molecular regulatory mechanisms with noise patterns of bacterial metabolic promoters in induced and repressed states. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 155-160.	7.1	71
5	Estrogen Receptor Interactions and Dynamics Monitored in Live Cells by Fluorescence Cross-Correlation Spectroscopy. Biochemistry, 2010, 49, 772-781.	2.5	36
6	Conformation of a Clathrin Triskelion in Solution. Biochemistry, 2006, 45, 5916-5922.	2.5	28
7	Measuring Transcription Dynamics in Living Cells Using Fluctuation Analysis. Methods in Molecular Biology, 2013, 1042, 47-60.	0.9	25
8	Ribonucleoprotein purification and characterization using RNA Mango. Rna, 2017, 23, 1592-1599.	3.5	24
9	Absolute quantification of gene expression in individual bacterial cells using two-photon fluctuation microscopy. Analytical Biochemistry, 2011, 419, 250-259.	2.4	22
10	Clathrin Triskelia Show Evidence of Molecular Flexibility. Biophysical Journal, 2008, 95, 1945-1955.	0.5	20
11	Physical basis of the inducer-dependent cooperativity of the Central glycolytic genes Repressor/DNA complex. Nucleic Acids Research, 2010, 38, 5944-5957.	14.5	15
12	Nuclear envelope mechanobiology: linking the nuclear structure and function. Nucleus, 2021, 12, 90-114.	2.2	14
13	Stoichiometry of scaffold complexes in living neurons - DLC2 as a dimerization engine for GKAP. Journal of Cell Science, 2014, 127, 3451-62.	2.0	9
14	Dynamics of a gravitational billiard with a hyperbolic lower boundary. Chaos, 1999, 9, 841-848.	2.5	7
15	Actin Polymerization in a Thermal Gradient. Macromolecular Symposia, 2005, 227, 231-242.	0.7	3
16	Data storage in cellular DNA: contextualizing diverse encoding schemes. Evolutionary Intelligence, 2021, 14, 331-343.	3.6	2
17	Deep Time Series Neural Networks and Fluorescence Data Stream Noise Detection. Advances in Intelligent Systems and Computing, 2019, , 18-32.	0.6	2