

# Leonardo A Sepúlveda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8905348/publications.pdf>

Version: 2024-02-01

9  
papers

1,035  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	General properties of transcriptional time series in Escherichia coli. Nature Genetics, 2011, 43, 554-560.	21.4	360
2	Measuring mRNA copy number in individual Escherichia coli cells using single-molecule fluorescent in situ hybridization. Nature Protocols, 2013, 8, 1100-1113.	12.0	189
3	Combining protein and mRNA quantification to decipher transcriptional regulation. Nature Methods, 2015, 12, 739-742.	19.0	114
4	Measurement of gene regulation in individual cells reveals rapid switching between promoter states. Science, 2016, 351, 1218-1222.	12.6	113
5	Lysogen stability is determined by the frequency of activity bursts from the fate-determining gene. Molecular Systems Biology, 2010, 6, 440.	7.2	88
6	Single-Virus Tracking Reveals a Spatial Receptor-Dependent Search Mechanism. Biophysical Journal, 2011, 100, 2875-2882.	0.5	64
7	The transcription fidelity factor GreA impedes DNA break repair. Nature, 2017, 550, 214-218.	27.8	60
8	Long time-scale simulations of in vivo diffusion using GPU hardware. , 2009, , .		29
9	The Maternal-to-Zygotic Transition Targets Actin to Promote Robustness during Morphogenesis. PLoS Genetics, 2013, 9, e1003901.	3.5	17