

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