

# Michael Chevalier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10134438/publications.pdf>

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6  
papers

131  
citations

1937685

4  
h-index

2053705

5  
g-index

6  
all docs

6  
docs citations

6  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Analysis of a Proportional-Integral-Derivative Controller with Biological Molecules. Cell Systems, 2019, 9, 338-353.e10.	6.2	67
2	Optogenetic Control Reveals Differential Promoter Interpretation of Transcription Factor Nuclear Translocation Dynamics. Cell Systems, 2020, 11, 336-353.e24.	6.2	37
3	Imaging of kiss-and-run exocytosis of surface receptors in neuronal cultures. Frontiers in Cellular Neuroscience, 2014, 8, 363.	3.7	16
4	The Impact of Different Sources of Fluctuations on Mutual Information in Biochemical Networks. PLoS Computational Biology, 2015, 11, e1004462.	3.2	8
5	Analysis of localized cAMP perturbations within a tissue reveal the effects of a local, dynamic gap junction state on ERK signaling. PLoS Computational Biology, 2022, 18, e1009873.	3.2	3
6	A non-memoryless stochastic simulation algorithm for modeling diffusion-reactions on biological membranes. , 2012, , .		0