

# GÃ¼rol M SÃ¼el

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7573410/publications.pdf>

Version: 2024-02-01

34  
papers

4,738  
citations

279798

23  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

5171  
citing authors



#	ARTICLE	IF	CITATIONS
19	Ion channels enable electrical communication in bacterial communities. <i>Nature</i> , 2015, 527, 59-63.	27.8	527
20	A Synthetic Quorum Sensing System Reveals a Potential Private Benefit for Public Good Production in a Biofilm. <i>PLoS ONE</i> , 2015, 10, e0132948.	2.5	24
21	Inverse Gillespie for inferring stochastic reaction mechanisms from intermittent samples. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12990-12995.	7.1	11
22	Circuit-level input integration in bacterial gene regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7091-7096.	7.1	19
23	Localized cell death focuses mechanical forces during 3D patterning in a biofilm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18891-18896.	7.1	305
24	Identification of F-actin as the Dynamic Hub in a Microbial-Induced GTPase Polarity Circuit. <i>Cell</i> , 2012, 148, 803-815.	28.9	33
25	Temporal competition between differentiation programs determines cell fate choice. <i>Molecular Systems Biology</i> , 2011, 7, 557.	7.2	67
26	Use of Fluorescence Microscopy to Analyze Genetic Circuit Dynamics. <i>Methods in Enzymology</i> , 2011, 497, 275-293.	1.0	15
27	Reversible and Noisy Progression towards a Commitment Point Enables Adaptable and Reliable Cellular Decision-Making. <i>PLoS Computational Biology</i> , 2011, 7, e1002273.	3.2	35
28	Biological role of noise encoded in a genetic network motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13300-13305.	7.1	79
29	Capacity for stochastic self-renewal and differentiation in mammalian spermatogonial stem cells. <i>Journal of Cell Biology</i> , 2009, 187, 513-524.	5.2	29
30	Architecture-Dependent Noise Discriminates Functionally Analogous Differentiation Circuits. <i>Cell</i> , 2009, 139, 512-522.	28.9	242
31	A genetic timer through noise-induced stabilization of an unstable state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15732-15737.	7.1	69
32	Tunability and Noise Dependence in Differentiation Dynamics. <i>Science</i> , 2007, 315, 1716-1719.	12.6	448
33	An excitable gene regulatory circuit induces transient cellular differentiation. <i>Nature</i> , 2006, 440, 545-550.	27.8	740
34	Evolutionarily conserved networks of residues mediate allosteric communication in proteins. <i>Nature Structural Biology</i> , 2003, 10, 59-69.	9.7	734