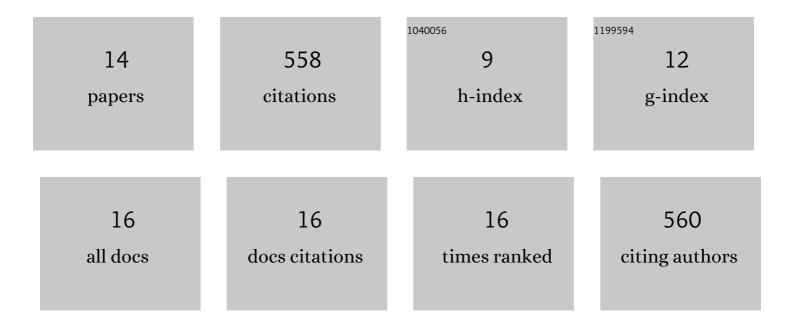
MichaÅ, Komorowski

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5885708/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Phenotypic variability, not noise, accounts for most of the cell-to-cell heterogeneity in IFN-Î ³ and oncostatin M signaling responses. Science Signaling, 2022, 15, eabd9303.	3.6	20
2	Making sense of BMP signaling complexity. Cell Systems, 2022, 13, 349-351.	6.2	2
3	Fractional response analysis reveals logarithmic cytokine responses in cellular populations. Nature Communications, 2021, 12, 4175.	12.8	9
4	Information-theoretic analyses of cellular strategies for achieving high signaling capacity—dynamics, cross-wiring, and heterogeneity of cellular states. Current Opinion in Systems Biology, 2021, 27, 100352.	2.6	7
5	The tyrosine phosphatase SHP2 increases robustness and information transfer within IL-6-induced JAK/STAT signalling. Cell Communication and Signaling, 2021, 19, 94.	6.5	25
6	Information processing in unregulated and autoregulated gene expression. , 2020, , .		10
7	Information-theoretic analysis of multivariate single-cell signaling responses. PLoS Computational Biology, 2019, 15, e1007132.	3.2	36
8	The Limited Information Capacity of Cross-Reactive Sensors Drives the Evolutionary Expansion of Signaling. Cell Systems, 2019, 8, 76-85.e6.	6.2	22
9	An information-theoretic framework for deciphering pleiotropic and noisy biochemical signaling. Nature Communications, 2018, 9, 4591.	12.8	28
10	Clustering reveals limits of parameter identifiability in multi-parameter models of biochemical dynamics. BMC Systems Biology, 2015, 9, 65.	3.0	17
11	Decomposing Noise in Biochemical Signaling Systems Highlights the Role of Protein Degradation. Biophysical Journal, 2013, 104, 1783-1793.	0.5	41
12	Maximizing the Information Content of Experiments in Systems Biology. PLoS Computational Biology, 2013, 9, e1002888.	3.2	142
13	StochSens—matlab package for sensitivity analysis of stochastic chemical systems. Bioinformatics, 2012, 28, 731-733.	4.1	17
14	Sensitivity, robustness, and identifiability in stochastic chemical kinetics models. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8645-8650.	7.1	182