Marcelo Behar

List of Publications by Citations

17 papers	1,045 citations	15 h-index	17 g-index
17 ext. papers	1,213 ext. citations	11.3 avg, IF	4.14 L-index

#	Paper	IF	Citations
17	Understanding the temporal codes of intra-cellular signals. *Current Opinion in Genetics and Development*, **2010**, 20, 684-93	4.9	125
16	The dynamics of signaling as a pharmacological target. *Cell*, **2013**, 155, 448-61	56.2	106
15	Regulation of cell signaling dynamics by the protein kinase-scaffold Ste5. *Molecular Cell*, **2008**, 30, 649-56	17.6	98
14	Lessons from mathematically modeling the NF-B pathway. *Immunological Reviews*, **2012**, 246, 221-38	11.3	97
13	Mathematical and computational analysis of adaptation via feedback inhibition in signal transduction pathways. *Biophysical Journal*, **2007**, 93, 806-21	2.9	90
12	A systems-biology analysis of feedback inhibition in the Sho1 osmotic-stress-response pathway. *Current Biology*, **2007**, 17, 659-67	6.3	84
11	Analysis of the RelA:CBP/p300 interaction reveals its involvement in NF-B-driven transcription. *PLoS Biology*, **2013**, 11, e1001647	9.7	81
10	Positive feedback within a kinase signaling complex functions as a switch mechanism for NF-B activation. *Science*, **2014**, 344, 760-4	33.3	75
9	NEMO ensures signaling specificity of the pleiotropic IKKby directing its kinase activity toward IB*Molecular Cell*, **2012**, 47, 111-21	17.6	63
8	Kinetic insulation as an effective mechanism for achieving pathway specificity in intracellular signaling networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 16146-51	11.5	62
7	Dose-to-duration encoding and signaling beyond saturation in intracellular signaling networks. *PLoS Computational Biology*, **2008**, 4, e1000197	5	45
6	Yeast dynamically modify their environment to achieve better mating efficiency. *Science Signaling*, **2011**, 4, ra54	8.8	39
5	Anatomy of a negative feedback loop: the case of IB*Journal of the Royal Society Interface*, **2015**, 12, 0262	4.1	21
4	Tunable signal processing through a kinase control cycle: the IKK signaling node. *Biophysical Journal* , **2013**, 105, 231-41	2.9	20
3	Oscillation dynamics underlie functional switching of NF-B for B-cell activation. *Npj Systems Biology and Applications*, **2016**, 2, 16024	5	19
2	Entropic Control of Receptor Recycling Using Engineered Ligands. *Biophysical Journal*, **2018**, 114, 1377-1388	2.9	15
1	Topology, dynamics, and heterogeneity in immune signaling. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, **2015**, 7, 285-300	6.6	5