

Bruce J Mayer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

545
citations

1040056

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1372567

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12
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docs citations

12
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Src homology 2 domains enhance tyrosine phosphorylation in vivo by protecting binding sites in their target proteins from dephosphorylation. <i>Journal of Biological Chemistry</i> , 2018, 293, 623-637.	3.4	23
2	Protein Clusters in Phosphotyrosine Signal Transduction. <i>Journal of Molecular Biology</i> , 2018, 430, 4547-4556.	4.2	32
3	What Have We Learned from SH2 Domains?. <i>Methods in Molecular Biology</i> , 2017, 1555, 37-43.	0.9	8
4	Integration of linear and dendritic actin nucleation in Nck-induced actin comets. <i>Molecular Biology of the Cell</i> , 2016, 27, 247-259.	2.1	19
5	Time-resolved multimodal analysis of Src Homology 2 (SH2) domain binding in signaling by receptor tyrosine kinases. <i>ELife</i> , 2016, 5, e11835.	6.0	20
6	The discovery of modular binding domains: building blocks of cell signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 691-698.	37.0	79
7	The SH2 Domain Interaction Landscape. <i>Cell Reports</i> , 2013, 3, 1293-1305.	6.4	110
8	Fast rebinding increases dwell time of Src homology 2 (SH2)-containing proteins near the plasma membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14024-14029.	7.1	58
9	Characterizing Tyrosine Phosphorylation Signaling in Lung Cancer Using SH2 Profiling. <i>PLoS ONE</i> , 2010, 5, e13470.	2.5	33
10	High-Throughput Phosphotyrosine Profiling Using SH2 Domains. <i>Molecular Cell</i> , 2007, 26, 899-915.	9.7	163