

Vidyasiri Vemulapalli

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

958
citations

759233

12
h-index

1058476

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17
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17
docs citations

17
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment of Tyrosine Phosphorylated Peptides for Quantitative Mass Spectrometry Analysis of RTK Signaling Dynamics. <i>Bio-protocol</i> , 2022, 12, e4311.	0.4	1
2	Phosphorylation of SHP2 at Tyr62 Enables Acquired Resistance to SHP2 Allosteric Inhibitors in FLT3-ITD-Driven AML. <i>Cancer Research</i> , 2022, 82, 2141-2155.	0.9	8
3	Time-resolved phosphoproteomics reveals scaffolding and catalysis-responsive patterns of SHP2-dependent signaling. <i>ELife</i> , 2021, 10, .	6.0	17
4	Targeted Degradation of the Oncogenic Phosphatase SHP2. <i>Biochemistry</i> , 2021, 60, 2593-2609.	2.5	21
5	Structural reorganization of SHP2 by oncogenic mutations and implications for oncoprotein resistance to allosteric inhibition. <i>Nature Communications</i> , 2018, 9, 4508.	12.8	106
6	Identification of Rpl29 as a major substrate of the lysine methyltransferase Set7/9. <i>Journal of Biological Chemistry</i> , 2018, 293, 12770-12780.	3.4	24
7	CARM1 methylates MED12 to regulate its RNA-binding ability. <i>Life Science Alliance</i> , 2018, 1, e201800117.	2.8	43
8	Identification of an allosteric benzothiazolopyrimidone inhibitor of the oncogenic protein tyrosine phosphatase SHP2. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6479-6485.	3.0	43
9	Using oriented peptide array libraries to evaluate methylarginine-specific antibodies and arginine methyltransferase substrate motifs. <i>Scientific Reports</i> , 2016, 6, 28718.	3.3	30
10	Adaptor Protein GRB2 Promotes Src Tyrosine Kinase Activation and Podosomal Organization by Protein-tyrosine Phosphatase μ in Osteoclasts. <i>Journal of Biological Chemistry</i> , 2014, 289, 36048-36058.	3.4	28
11	Immunoaffinity Enrichment and Mass Spectrometry Analysis of Protein Methylation. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 372-387.	3.8	405
12	Loss of the major Type I arginine methyltransferase PRMT1 causes substrate scavenging by other PRMTs. <i>Scientific Reports</i> , 2013, 3, 1311.	3.3	173
13	Methods Applied to the Study of Protein Arginine Methylation. <i>Methods in Enzymology</i> , 2012, 512, 71-92.	1.0	26
14	Loss of the Methyl Lysine Effector Protein PHF20 Impacts the Expression of Genes Regulated by the Lysine Acetyltransferase MOF. <i>Journal of Biological Chemistry</i> , 2012, 287, 429-437.	3.4	30