Vidyasiri Vemulapalli

List of Publications by Year
in descending order

14 papers	958 citations	759233 12 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	1886 citing authors

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