Thomas Joseph

List of Publications by Year
in descending order

19	882	623734 14	839539 18
papers	citations	h-index	g-index

19	19	19	1295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stapled Peptides with Improved Potency and Specificity That Activate p53. ACS Chemical Biology, 2013, 8, 506-512.	3.4	193
2	Functionalised staple linkages for modulating the cellular activity of stapled peptides. Chemical Science, 2014, 5, 1804-1809.	7.4	165
3	Molecular Rotors As Conditionally Fluorescent Labels for Rapid Detection of Biomolecular Interactions. Journal of the American Chemical Society, 2014, 136, 6159-6162.	13.7	93
4	Differential binding of p53 and nutlin to MDM2 and MDMX: Computational studies. Cell Cycle, 2010, 9, 1167-1181.	2.6	81
5	Stapled peptides in the p53 pathway: Computer simulations reveal novel interactions of the staples with the target protein. Cell Cycle, 2010, 9, 4560-4568.	2.6	47
6	Benzene Probes in Molecular Dynamics Simulations Reveal Novel Binding Sites for Ligand Design. Journal of Physical Chemistry Letters, 2016, 7, 3452-3457.	4.6	45
7	On the interaction mechanisms of a p53 peptide and nutlin with the MDM2 and MDMX proteins: A Brownian dynamics study. Cell Cycle, 2013, 12, 394-404.	2.6	38
8	The p53â€“Mdm2 interaction and the E3 ligase activity of Mdm2/Mdm4 are conserved from lampreys to humans. Genes and Development, 2016, 30, 281-292.	5.9	34
9	Structure of a Stapled Peptide Antagonist Bound to Nutlin-Resistant Mdm2. PLoS ONE, 2014, 9, e104914.	2.5	33
10	In Vitro Selection of Mutant HDM2 Resistant to Nutlin Inhibition. PLoS ONE, 2013, 8, e62564.	2.5	27
11	Inhibition of Nutlin-Resistant HDM2 Mutants by Stapled Peptides. PLoS ONE, 2013, 8, e81068.	2.5	27
12	Stabilizing the eIF4G1 Î±-Helix Increases Its Binding Affinity with eIF4E: Implications for Peptidomimetic Design Strategies. Journal of Molecular Biology, 2011, 405, 736-753.	4.2	20
13	Growth Inhibition of Pathogenic Bacteria by Sulfonylurea Herbicides. Antimicrobial Agents and Chemotherapy, 2013, 57, 1513-1517.	3.2	17
14	N1-Benzyl substituted cambinol analogues as isozyme selective inhibitors of the sirtuin family of protein deacetylases. MedChemComm, 2011, 2, 611.	3.4	16
15	Mechanism of Stapled Peptide Binding to MDM2: Possible Consequences for Peptide Design. Journal of Chemical Theory and Computation, 2014, 10, 1753-1761.	5.3	15
16	Small Molecules Targeting the Inactive Form of the Mnk1/2 Kinases. ACS Omega, 2017, 2, 7881-7891.	3.5	13
17	Water-Bridge Mediates Recognition of mRNA Cap in eIF4E. Structure, 2017, 25, 188-194.	3.3	10
18	Role of the N-terminal lid in regulating the interaction of phosphorylated MDMX with p53. Oncotarget, 2017, 8, 112825-112840.	1.8	8

#	Article	IF	Citations
19	Abstract 3097: Structural and biophysical characterization of anti-apoptotic protein Bcl-2 and GTPase Rac1 interaction. , 2016, , .		0