

Vincent Cura

List of Publications by Year in descending order

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papers

906
citations

687363

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1524
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#	ARTICLE	IF	CITATIONS
1	Insect Cells-Baculovirus System for the Production of Difficult to Express Proteins: From Expression Screening for Soluble Constructs to Protein Quality Control. <i>Methods in Molecular Biology</i> , 2022, 2406, 281-317.	0.9	3
2	Turning Nonselective Inhibitors of Type I Protein Arginine Methyltransferases into Potent and Selective Inhibitors of Protein Arginine Methyltransferase 4 through a Deconstruction–Reconstruction and Fragment-Growing Approach. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 11574-11606.	6.4	15
3	A Direct Assay for Measuring the Activity and Inhibition of Coactivator-Associated Arginine Methyltransferase 1. <i>Biochemistry</i> , 2022, 61, 1055-1063.	2.5	1
4	Structural studies provide new insights into the role of lysine acetylation on substrate recognition by CARM1 and inform the design of potent peptidomimetic inhibitors. <i>ChemBioChem</i> , 2021, 22, 3469-3476.	2.6	3
5	Structure, Activity and Function of the PRMT2 Protein Arginine Methyltransferase. <i>Life</i> , 2021, 11, 1263.	2.4	21
6	Hijacking DNA methyltransferase transition state analogues to produce chemical scaffolds for PRMT inhibitors. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170072.	4.0	24
7	Structural studies of protein arginine methyltransferase 2 reveal its interactions with potential substrates and inhibitors. <i>FEBS Journal</i> , 2017, 284, 77-96.	4.7	25
8	TCTP contains a BH3-like domain, which instead of inhibiting, activates Bcl-xL. <i>Scientific Reports</i> , 2016, 6, 19725.	3.3	39
9	Functional insights from high resolution structures of mouse protein arginine methyltransferase 6. <i>Journal of Structural Biology</i> , 2015, 191, 175-183.	2.8	23
10	Structural insight into arginine methylation by the mouse protein arginine methyltransferase 7: a zinc finger freezes the mimic of the dimeric state into a single active site. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2401-2412.	2.5	32
11	Cloning, expression, purification and preliminary X-ray crystallographic analysis of mouse protein arginine methyltransferase 7. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 80-86.	0.8	8
12	Structural Basis for Hijacking of Cellular LxxLL Motifs by Papillomavirus E6 Oncoproteins. <i>Science</i> , 2013, 339, 694-698.	12.6	167
13	Structural Basis for the Inhibition of Histone Deacetylase 8 (HDAC8), a Key Epigenetic Player in the Blood Fluke <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003645.	4.7	136
14	Structural basis for a molecular allosteric control mechanism of cofactor binding to nuclear receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E588-94.	7.1	77
15	Identification of Small-Molecule Enhancers of Arginine Methylation Catalyzed by Coactivator-Associated Arginine Methyltransferase 1. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9875-9890.	6.4	22
16	Acyl derivatives of p-aminosulfonamides and dapsone as new inhibitors of the arginine methyltransferase hPRMT1. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3717-3731.	3.0	85
17	Structure determination of the minimal complex between Tfb5 and Tfb2, two subunits of the yeast transcription/DNA-repair factor TFIIF: a retrospective study. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 745-755.	2.5	4
18	The structure of an lws1/Spt6 complex reveals an interaction domain conserved in TFIIS, Elongin A and Med26. <i>EMBO Journal</i> , 2010, 29, 3979-3991.	7.8	58

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19	Cleaved thioredoxin fusion protein enables the crystallization of poorly soluble ERÎ± in complex with synthetic ligands. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 54-57.	0.7	7
20	Expression, purification, crystallization and preliminary crystallographic study of isolated modules of the mouse coactivator-associated arginine methyltransferase 1. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 330-333.	0.7	9
21	Functional insights from structures of coactivator-associated arginine methyltransferase 1 domains. EMBO Journal, 2007, 26, 4391-4401.	7.8	131
22	Crystallization and preliminary X-ray crystallographic study of the wild type and two mutants of the CP1 hydrolytic domain from Aquifex aeolicus leucyl-tRNA synthetase. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 899-901.	0.7	0
23	Sequence analysis and modular organization of threonyl-tRNA synthetase from Thermus thermophilus and its interrelation with threonyl-tRNA synthetases of other origins. FEBS Journal, 2000, 267, 379-393.	0.2	4
24	Crystallisation of the Glycyl-tRNA Synthetase from Thermus thermophilus and Initial Crystallographic Data. Journal of Molecular Biology, 1994, 241, 732-735.	4.2	12