

Michal Bista

List of Publications by Year in descending order

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16
papers

2,805
citations

471061

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h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

5701
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifect: a versatile marker to visualize F-actin. <i>Nature Methods</i> , 2008, 5, 605-607.	9.0	1,928
2	Robust Generation of Lead Compounds for Protein-Protein Interactions by Computational and MCR Chemistry: p53/Hdm2 Antagonists. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5352-5356.	7.2	136
3	Potent and Selective Inhibitors of MTH1 Probe Its Role in Cancer Cell Survival. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2346-2361.	2.9	121
4	Enabling Large-Scale Design, Synthesis and Validation of Small Molecule Protein-Protein Antagonists. <i>PLoS ONE</i> , 2012, 7, e32839.	1.1	90
5	1,4-Thienodiazepine-2,5-diones via MCR (I): Synthesis, Virtual Space and p53-Mdm2 Activity. <i>Chemical Biology and Drug Design</i> , 2010, 76, 116-129.	1.5	63
6	Transient Protein States in Designing Inhibitors of the MDM2-p53 Interaction. <i>Structure</i> , 2013, 21, 2143-2151.	1.6	57
7	Mapping the sugar dependency for rational generation of a DNA-RNA hybrid-guided Cas9 endonuclease. <i>Nature Communications</i> , 2017, 8, 1610.	5.8	52
8	CRISPR GUARD protects off-target sites from Cas9 nuclease activity using short guide RNAs. <i>Nature Communications</i> , 2020, 11, 4132.	5.8	51
9	On the Mechanism of Action of SJ-172550 in Inhibiting the Interaction of MDM4 and p53. <i>PLoS ONE</i> , 2012, 7, e37518.	1.1	49
10	MDMX contains an autoinhibitory sequence element. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17814-17819.	3.3	44
11	Enzymatic Activity of the <i>Staphylococcus aureus</i> SplB Serine Protease is Induced by Substrates Containing the Sequence Trp-Glu-Leu-Gln. <i>Journal of Molecular Biology</i> , 2008, 379, 343-356.	2.0	43
12	Structural and functional characterization of SplA, an exclusively specific protease of <i>Staphylococcus aureus</i> . <i>Biochemical Journal</i> , 2009, 419, 555-564.	1.7	38
13	Domain-domain interactions in full-length p53 and a specific DNA complex probed by methyl NMR spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15752-15756.	3.3	36
14	Robust NMR Screening for Lead Compounds Using Tryptophan-Containing Proteins. <i>Journal of the American Chemical Society</i> , 2009, 131, 7500-7501.	6.6	32
15	MTH1 Substrate Recognition: An Example of Specific Promiscuity. <i>PLoS ONE</i> , 2016, 11, e0151154.	1.1	24
16	Quantifying the relationship between inhibition of VEGF receptor 2, drug-induced blood pressure elevation and hypertension. <i>British Journal of Pharmacology</i> , 2018, 175, 618-630.	2.7	18