

Byron Delabarre

List of Publications by Year in descending order

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14
papers

2,322
citations

623734

14
h-index

1058476

14
g-index

14
all docs

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docs citations

14
times ranked

3708
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Inhibition of Mutant IDH2 in Leukemia Cells Induces Cellular Differentiation. <i>Science</i> , 2013, 340, 622-626.	12.6	721
2	Complete structure of p97/valosin-containing protein reveals communication between nucleotide domains. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 856-863.	8.2	347
3	Conformational changes of the multifunction p97 AAA ATPase during its ATPase cycle. <i>Nature Structural Biology</i> , 2002, 9, 950-957.	9.7	189
4	Central Pore Residues Mediate the p97/VCP Activity Required for ERAD. <i>Molecular Cell</i> , 2006, 22, 451-462.	9.7	188
5	Nucleotide Dependent Motion and Mechanism of Action of p97/VCP. <i>Journal of Molecular Biology</i> , 2005, 347, 437-452.	4.2	156
6	Small Molecule Activation of PKM2 in Cancer Cells Induces Serine Auxotrophy. <i>Chemistry and Biology</i> , 2012, 19, 1187-1198.	6.0	149
7	Full-Length Human Glutaminase in Complex with an Allosteric Inhibitor. <i>Biochemistry</i> , 2011, 50, 10764-10770.	2.5	131
8	AG-348 enhances pyruvate kinase activity in red blood cells from patients with pyruvate kinase deficiency. <i>Blood</i> , 2017, 130, 1347-1356.	1.4	88
9	Biochemical, Cellular, and Biophysical Characterization of a Potent Inhibitor of Mutant Isocitrate Dehydrogenase IDH1. <i>Journal of Biological Chemistry</i> , 2014, 289, 13717-13725.	3.4	78
10	NSF and p97/VCP: similar at first, different at last. <i>FEBS Letters</i> , 2003, 555, 126-133.	2.8	77
11	Considerations for the refinement of low-resolution crystal structures. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 923-932.	2.5	67
12	X-ray structure determination at low resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009, 65, 128-133.	2.5	54
13	Action at a Distance: Allostery and the Development of Drugs to Target Cancer Cell Metabolism. <i>Chemistry and Biology</i> , 2014, 21, 1143-1161.	6.0	39
14	Mesenchymal Phenotype Predisposes Lung Cancer Cells to Impaired Proliferation and Redox Stress in Response to Glutaminase Inhibition. <i>PLoS ONE</i> , 2014, 9, e115144.	2.5	38