Michelle S Miller

List of Publications by Year
in descending order

17 papers	775 citations	687220 13 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	1160 citing authors

#	Article	IF	Citations
1	Structure of the BAK-activating antibody 7D10 bound to BAK reveals an unexpected role for the Î±1-Î±2 loop in BAK activation. Cell Death and Differentiation, 2022, 29, 1757-1768.	5.0	4
2	Bispecific antibodies targeting mutant RAS neoantigens. Science Immunology, 2021, 6, .	5.6	106
3	Targeting a neoantigen derived from a common TP53 mutation. Science, 2021, 371, .	6.0	194
4	Structure of detergent-activated BAK dimers derived from the inert monomer. Molecular Cell, 2021, 81, 2123-2134.e5.	4.5	26
5	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. Nature Communications, 2021, 12, 5271.	5.8	17
6	An engineered antibody fragment targeting mutant Î²-catenin via major histocompatibility complex I neoantigen presentation. Journal of Biological Chemistry, 2019, 294, 19322-19334.	1.6	15
7	Structural Determinants of Isoform Selectivity in PI3K Inhibitors. Biomolecules, 2019, 9, 82.	1.8	55
8	Getting the Most Out of Your Crystals: Data Collection at the New High-Flux, Microfocus MX Beamlines at NSLS-II. Molecules, 2019, 24, 496.	1.7	13
9	Identification of allosteric binding sites for PI3KÎ± oncogenic mutant specific inhibitor design. Bioorganic and Medicinal Chemistry, 2017, 25, 1481-1486.	1.4	24
10	Rapid PD-L1 detection in tumors with PET using a highly specific peptide. Biochemical and Biophysical Research Communications, 2017, 483, 258-263.	1.0	132
11	Kinetic and structural analyses reveal residues in phosphoinositide 3-kinase Î± that are critical for catalysis and substrate recognition. Journal of Biological Chemistry, 2017, 292, 13541-13550.	1.6	36
12	Development of single and mixed isoform selectivity PI3KÎ´ inhibitors by targeting Asn836 of PI3KÎ´. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4790-4794.	1.0	11
13	Structural basis of nSH2 regulation and lipid binding in PI3KÎ±. Oncotarget, 2014, 5, 5198-5208.	0.8	62
14	Regioselective synthesis of 5- and 6-methoxybenzimidazole-1,3,5-triazines as inhibitors of phosphoinositide 3-kinase. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 802-805.	1.0	13
15	Pyridinylquinazolines Selectively Inhibit Human Methionine Aminopeptidase-1 in Cells. Journal of Medicinal Chemistry, 2013, 56, 3996-4016.	2.9	16
16	<scp>l</scp>-Aminoacyl-triazine Derivatives Are Isoform-Selective PI3KÎ² Inhibitors That Target Nonconserved Asp862 of PI3KÎ². ACS Medicinal Chemistry Letters, 2013, 4, 206-210.	1.3	27
17	Mechanisms of PI3KÎ²-Selective Inhibition Revealed by Reciprocal Mutagenesis. ACS Chemical Biology, 2013, 8, 679-683.	1.6	19