K P Williams

List of Publications by Year
in descending order

12 papers	132 citations	1478280 6 h-index	1281743 11 g-index
12 all docs	12 docs citations	12 times ranked	216 citing authors

#	Article	IF	Citations
1	Identification of a DYRK1A-mediated phosphorylation site within the nuclear localization sequence of the hedgehog transcription factor GLI1. Biochemical and Biophysical Research Communications, 2017, 491, 767-772.	1.0	34
2	Quantitative high-throughput efficacy profiling of approved oncology drugs in inflammatory breast cancer models of acquired drug resistance and re-sensitization. Cancer Letters, 2013, 337, 77-89.	3.2	25
3	Pharmacological targeting of GLI1 inhibits proliferation, tumor emboli formation and inÂvivo tumor growth of inflammatory breast cancer cells. Cancer Letters, 2017, 411, 136-149.	3.2	21
4	Identification of harmine and Î²-carboline analogs from a high-throughput screen of an approved drug collection; profiling as differential inhibitors of DYRK1A and monoamine oxidase A and for in vitro and in vivo anti-cancer studies. European Journal of Pharmaceutical Sciences, 2021, 162, 105821.	1.9	18
5	Recombinant human sperm-specific glyceraldehyde-3-phosphate dehydrogenase (GAPDHS) is expressed at high yield as an active homotetramer in baculovirus-infected insect cells. Protein Expression and Purification, 2011, 75, 104-113.	0.6	10
6	Pharmacological activation of the Sonic hedgehog pathway with a Smoothened small molecule agonist ameliorates the severity of alcoholâ€induced morphological and behavioral birth defects in a zebrafish model of fetal alcohol spectrum disorder. Journal of Neuroscience Research, 2022, 100, 1585-1601.	1.3	7
7	Design and characterization of a photo-activatable hedgehog probe that mimics the natural lipidated form. Archives of Biochemistry and Biophysics, 2015, 567, 66-74.	1.4	5
8	Discovery of small molecule inhibitors for the C.Âelegans caspase CED-3 by high-throughput screening. Biochemical and Biophysical Research Communications, 2017, 491, 773-779.	1.0	4
9	Optimization and validation of a DYRK1A TR-FRET assay for high-throughput screening. MethodsX, 2021, 8, 101383.	0.7	4
10	Data on peptides identified by mass spectrometry analysis of in vitro DYRK1A-mediated phosphorylation sites on GLI1. Data in Brief, 2017, 15, 577-583.	0.5	3
11	Data supporting a pilot high-throughput screen of a drug library for identification of DYRK1A inhibitors and high-content imaging analysis of identified harmine analogs. Data in Brief, 2021, 37, 107189.	0.5	1
12	Development and validation of a hedgehog heparin-binding assay for high-throughput screening. MethodsX, 2021, 8, 101207.	0.7	0