

# K P Williams

## List of Publications by Year in descending order

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Version: 2024-02-01

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