William R Taylor

List of Publications by Year
in descending order

29 papers	3,165 citations	567281 15 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	4145 citing authors

#	Article	IF	Citations
1	C9ORF78 partially localizes to centromeres and plays a role in chromosome segregation. Experimental Cell Research, 2022, , 113063.	2.6	0
2	Pharmacophore optimization of imidazole chalcones to modulate microtubule dynamics. Bioorganic Chemistry, 2022, 122, 105700.	4.1	3
3	A new class of cytotoxic agents targets tubulin and disrupts microtubule dynamics. Bioorganic Chemistry, 2021, 116, 105297.	4.1	6
4	Tumor suppressor p53 promotes ferroptosis in oxidative stress conditions independent of modulation of ferroptosis by p21, CDKs, RB, and E2F. Journal of Biological Chemistry, 2021, 297, 101365.	3.4	31
5	Identification and initial characterization of a potent inhibitor of ferroptosis. Journal of Cellular Biochemistry, 2021, 122, 413-424.	2.6	10
6	In Search of Selectivity: Design, Synthesis, and Biological Evaluation of New Classes of HDAC Inhibitors. Proceedings (mdpi), 2019, 22, 63.	0.2	0
7	Small-Molecule Ferroptotic Agents with Potential to Selectively Target Cancer Stem Cells. Scientific Reports, 2019, 9, 5926.	3.3	46
8	Small-molecule anticancer agents kill cancer cells by harnessing reactive oxygen species in an iron-dependent manner. Organic and Biomolecular Chemistry, 2018, 16, 1465-1479.	2.8	10
9	A Bioactive Resveratrol Trimer from the Stem Bark of the Sri Lankan Endemic Plant Vateria copallifera. Journal of Natural Products, 2018, 81, 1693-1700.	3.0	7
10	Mutations in BOREALIN cause thyroid dysgenesis. Human Molecular Genetics, 2017, 26, ddw419.	2.9	37
11	Bioactivities of n-hexane fraction of Vateria copallifera and GCâ€“MS analysis of its phytoconstituents. Industrial Crops and Products, 2017, 97, 87-92.	5.2	6
12	Multiple Levels of Regulation of Sororin by Cdk1 and Aurora B. Journal of Cellular Biochemistry, 2016, 117, 351-360.	2.6	25
13	Borealin dimerization mediates optimal CPC checkpoint function by enhancing localization to centromeres and kinetochores. Nature Communications, 2015, 6, 6775.	12.8	56
14	Monopolar Spindle 1 (MPS1) Kinase Promotes Production of Closed MAD2 (C-MAD2) Conformer and Assembly of the Mitotic Checkpoint Complex. Journal of Biological Chemistry, 2013, 288, 35149-35158.	3.4	50
15	Effects of phosphatase and proteasome inhibitors on Borealin phosphorylation and degradation. Journal of Biochemistry, 2012, 151, 361-369.	1.7	10
16	Regulation of sororin by Cdk1-mediated phosphorylation. Journal of Cell Science, 2011, 124, 2976-2987.	2.0	58
17	Regulation of borealin by phosphorylation at serine 219. Journal of Cellular Biochemistry, 2010, 111, 1291-1298.	2.6	13
18	Targeting the Cell Cycle to Kill Cancer Cells. , 2009, , 429-453.		2

#	Article	IF	Citations
19	Length of mitotic arrest induced by microtubule-stabilizing drugs determines cell death after mitotic exit. Molecular Cancer Therapeutics, 2009, 8, 1646-1654.	4.1	73
20	Investigating the role of Aurora kinases in RAS signaling. Journal of Cellular Biochemistry, 2009, 106, 33-41.	2.6	7
21	Analysis of mitotic phosphorylation of borealin. BMC Cell Biology, 2007, 8, 5.	3.0	12
22	Borealin is repressed in response to p53/Rb signaling. Cell Biology International, 2007, 31, 1470-1481.	3.0	16
23	Control of the G₂/M Transition. Molecular Biotechnology, 2006, 32, 227-248.	2.4	238
24	p130/p107/p105Rb-dependent transcriptional repression during DNA-damage-induced cell-cycle exit at G2. Journal of Cell Science, 2005, 118, 1821-1832.	2.0	85
25	G2 arrest in response to topoisomerase II inhibitors: the role of p53. Cancer Research, 2003, 63, 4074-81.	0.9	90
26	Regulation of the G2/M transition by p53. Oncogene, 2001, 20, 1803-1815.	5.9	1,366
27	p130/E2F4 Binds to and Represses the cdc2 Promoter in Response to p53. Journal of Biological Chemistry, 2001, 276, 1998-2006.	3.4	90
28	Mechanisms of G2 Arrest in Response to Overexpression of p53. Molecular Biology of the Cell, 1999, 10, 3607-3622.	2.1	169
29	The p53 Network. Journal of Biological Chemistry, 1998, 273, 1-4.	3.4	649