William R Taylor

List of Publications by Year
in descending order

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29	3,165	567281	552781
papers	citations	15 h-index	26 g-index

30	30	30	4145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of the G2/M transition by p53. Oncogene, 2001, 20, 1803-1815.	5.9	1,366
2	The p53 Network. Journal of Biological Chemistry, 1998, 273, 1-4.	3.4	649
3	Control of the G₂/M Transition. Molecular Biotechnology, 2006, 32, 227-248.	2.4	238
4	Mechanisms of G2 Arrest in Response to Overexpression of p53. Molecular Biology of the Cell, 1999, 10, 3607-3622.	2.1	169
5	p130/E2F4 Binds to and Represses the cdc2 Promoter in Response to p53. Journal of Biological Chemistry, 2001, 276, 1998-2006.	3.4	90
6	G2 arrest in response to topoisomerase II inhibitors: the role of p53. Cancer Research, 2003, 63, 4074-81.	0.9	90
7	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
8	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
9	Regulation of sororin by Cdk1-mediated phosphorylation. Journal of Cell Science, 2011, 124, 2976-2987.	2.0	58
10	Borealin dimerization mediates optimal CPC checkpoint function by enhancing localization to centromeres and kinetochores. Nature Communications, 2015, 6, 6775.	12.8	56
11	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
12	Small-Molecule Ferroptotic Agents with Potential to Selectively Target Cancer Stem Cells. Scientific Reports, 2019, 9, 5926.	3.3	46
13	Mutations in BOREALIN cause thyroid dysgenesis. Human Molecular Genetics, 2017, 26, ddw419.	2.9	37
14	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
15	Multiple Levels of Regulation of Sororin by Cdk1 and Aurora B. Journal of Cellular Biochemistry, 2016, 117, 351-360.	2.6	25
16	Borealin is repressed in response to p53/Rb signaling. Cell Biology International, 2007, 31, 1470-1481.	3.0	16
17	Regulation of borealin by phosphorylation at serine 219. Journal of Cellular Biochemistry, 2010, 111, 1291-1298.	2.6	13
18	Analysis of mitotic phosphorylation of borealin. BMC Cell Biology, 2007, 8, 5.	3.0	12

#	Article	IF	Citations
19	Effects of phosphatase and proteasome inhibitors on Borealin phosphorylation and degradation. Journal of Biochemistry, 2012, 151, 361-369.	1.7	10
20	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
21	Identification and initial characterization of a potent inhibitor of ferroptosis. Journal of Cellular Biochemistry, 2021, 122, 413-424.	2.6	10
22	Investigating the role of Aurora kinases in RAS signaling. Journal of Cellular Biochemistry, 2009, 106, 33-41.	2.6	7
23	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
24	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
25	A new class of cytotoxic agents targets tubulin and disrupts microtubule dynamics. Bioorganic Chemistry, 2021, 116, 105297.	4.1	6
26	Pharmacophore optimization of imidazole chalcones to modulate microtubule dynamics. Bioorganic Chemistry, 2022, 122, 105700.	4.1	3
27	Targeting the Cell Cycle to Kill Cancer Cells. , 2009, , 429-453.		2
28	In Search of Selectivity: Design, Synthesis, and Biological Evaluation of New Classes of HDAC Inhibitors. Proceedings (mdpi), 2019, 22, 63.	0.2	0
29	C9ORF78 partially localizes to centromeres and plays a role in chromosome segregation. Experimental Cell Research, 2022, , 113063.	2.6	0