Beth A Weaver

List of Publications by Year
in descending order

25 papers	2,315 citations	586496 16 h-index	651938 25 g-index
26 all docs	26 docs citations	26 times ranked	3989 citing authors

#	Article	IF	Citations
1	Chromosome Missegregation as a Modulator of Radiation Sensitivity. Seminars in Radiation Oncology, 2022, 32, 54-63.	1.0	10
2	Quantifying chromosomal instability from intratumoral karyotype diversity using agent-based modeling and Bayesian inference. ELife, 2022, 11, .	2.8	14
3	p53 Is Not Required for High CIN to Induce Tumor Suppression. Molecular Cancer Research, 2021, 19, 112-123.	1.5	11
4	Chromosomal instability sensitizes patient breast tumors to multipolar divisions induced by paclitaxel. Science Translational Medicine, 2021, 13, eabd4811.	5.8	48
5	Chromosomal instability upregulates interferon in acute myeloid leukemia. Genes Chromosomes and Cancer, 2020, 59, 627-638.	1.5	8
6	A Genetic Toggle for Chemical Control of Individual Plk1 Substrates. Cell Chemical Biology, 2020, 27, 350-362.e8.	2.5	1
7	Centrosome amplification is a frequent event in circulating tumor cells from subjects with metastatic breast cancer. Molecular Oncology, 2020, 14, 1898-1909.	2.1	11
8	Banding Together: A Systematic Comparison of The Cancer Genome Atlas and the Mitelman Databases. Cancer Research, 2019, 79, 5181-5190.	0.4	5
9	Mad1 destabilizes p53 by preventing PML from sequestering MDM2. Nature Communications, 2019, 10, 1540.	5.8	22
10	Tuning Chromosomal Instability to Optimize Tumor Fitness. Cancer Discovery, 2017, 7, 134-136.	7.7	11
11	High rates of chromosome missegregation suppress tumor progression but do not inhibit tumor initiation. Molecular Biology of the Cell, 2016, 27, 1981-1989.	0.9	50
12	Living in CIN: Mitotic Infidelity and Its Consequences for Tumor Promotion and Suppression. Developmental Cell, 2016, 39, 638-652.	3.1	121
13	Centrosome amplification induces high grade features and is prognostic of worse outcomes in breast cancer. BMC Cancer, 2016, 16, 47.	1.1	89
14	Identification of Selective Lead Compounds for Treatment of High-Ploidy Breast Cancer. Molecular Cancer Therapeutics, 2016, 15, 48-59.	1.9	25
15	Therapeutic relevance of the protein phosphatase 2A in cancer. Oncotarget, 2016, 7, 61544-61561.	0.8	27
16	IPO3-mediated Nonclassical Nuclear Import of NF-Î¹B Essential Modulator (NEMO) Drives DNA Damage-dependent NF-Î¹B Activation. Journal of Biological Chemistry, 2015, 290, 17967-17984.	1.6	26
17	Mad1 at the Golgi apparatus: a story beyond kinetochores. Cell Cycle, 2015, 14, 1763-1764.	1.3	1
18	The ARF tumor suppressor prevents chromosomal instability and ensures mitotic checkpoint fidelity through regulation of Aurora B. Molecular Biology of the Cell, 2014, 25, 2761-2773.	0.9	26

#	Article	IF	Citations
19	Cytotoxicity of Paclitaxel in Breast Cancer Is due to Chromosome Missegregation on Multipolar Spindles. Science Translational Medicine, 2014, 6, 229ra43.	5.8	298
20	A Golgi-Localized Pool of the Mitotic Checkpoint Component Mad1 Controls Integrin Secretion and Cell Migration. Current Biology, 2014, 24, 2687-2692.	1.8	20
21	How Taxol/paclitaxel kills cancer cells. Molecular Biology of the Cell, 2014, 25, 2677-2681.	0.9	1,033
22	2n or not 2n: Aneuploidy, polyploidy and chromosomal instability in primary and tumor cells. Seminars in Cell and Developmental Biology, 2013, 24, 370-379.	2.3	83
23	Chromosome missegregation rate predicts whether aneuploidy will promote or suppress tumors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4134-41.	3.3	207
24	Up-regulation of the mitotic checkpoint component Mad1 causes chromosomal instability and resistance to microtubule poisons. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2205-14.	3.3	75
25	The Aneuploidy Paradox in Cell Growth and Tumorigenesis. Cancer Cell, 2008, 14, 431-433.	7.7	93