

Beth A Weaver

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,315
citations

516710

16
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

3680
citing authors

#	ARTICLE	IF	CITATIONS
1	How Taxol/paclitaxel kills cancer cells. <i>Molecular Biology of the Cell</i> , 2014, 25, 2677-2681.	2.1	1,033
2	Cytotoxicity of Paclitaxel in Breast Cancer Is due to Chromosome Missegregation on Multipolar Spindles. <i>Science Translational Medicine</i> , 2014, 6, 229ra43.	12.4	298
3	Chromosome missegregation rate predicts whether aneuploidy will promote or suppress tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4134-41.	7.1	207
4	Living in CIN: Mitotic Infidelity and Its Consequences for Tumor Promotion and Suppression. <i>Developmental Cell</i> , 2016, 39, 638-652.	7.0	121
5	The Aneuploidy Paradox in Cell Growth and Tumorigenesis. <i>Cancer Cell</i> , 2008, 14, 431-433.	16.8	93
6	Centrosome amplification induces high grade features and is prognostic of worse outcomes in breast cancer. <i>BMC Cancer</i> , 2016, 16, 47.	2.6	89
7	2n or not 2n: Aneuploidy, polyploidy and chromosomal instability in primary and tumor cells. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 370-379.	5.0	83
8	Up-regulation of the mitotic checkpoint component Mad1 causes chromosomal instability and resistance to microtubule poisons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2205-14.	7.1	75
9	High rates of chromosome missegregation suppress tumor progression but do not inhibit tumor initiation. <i>Molecular Biology of the Cell</i> , 2016, 27, 1981-1989.	2.1	50
10	Chromosomal instability sensitizes patient breast tumors to multipolar divisions induced by paclitaxel. <i>Science Translational Medicine</i> , 2021, 13, eabd4811.	12.4	48
11	Therapeutic relevance of the protein phosphatase 2A in cancer. <i>Oncotarget</i> , 2016, 7, 61544-61561.	1.8	27
12	The ARF tumor suppressor prevents chromosomal instability and ensures mitotic checkpoint fidelity through regulation of Aurora B. <i>Molecular Biology of the Cell</i> , 2014, 25, 2761-2773.	2.1	26
13	IPO3-mediated Nonclassical Nuclear Import of NF- κ B Essential Modulator (NEMO) Drives DNA Damage-dependent NF- κ B Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 17967-17984.	3.4	26
14	Identification of Selective Lead Compounds for Treatment of High-Ploidy Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 48-59.	4.1	25
15	Mad1 destabilizes p53 by preventing PML from sequestering MDM2. <i>Nature Communications</i> , 2019, 10, 1540.	12.8	22
16	A Golgi-Localized Pool of the Mitotic Checkpoint Component Mad1 Controls Integrin Secretion and Cell Migration. <i>Current Biology</i> , 2014, 24, 2687-2692.	3.9	20
17	Quantifying chromosomal instability from intratumoral karyotype diversity using agent-based modeling and Bayesian inference. <i>ELife</i> , 2022, 11, .	6.0	14
18	Tuning Chromosomal Instability to Optimize Tumor Fitness. <i>Cancer Discovery</i> , 2017, 7, 134-136.	9.4	11

#	ARTICLE	IF	CITATIONS
19	Centrosome amplification is a frequent event in circulating tumor cells from subjects with metastatic breast cancer. <i>Molecular Oncology</i> , 2020, 14, 1898-1909.	4.6	11
20	p53 Is Not Required for High CIN to Induce Tumor Suppression. <i>Molecular Cancer Research</i> , 2021, 19, 112-123.	3.4	11
21	Chromosome Missegregation as a Modulator of Radiation Sensitivity. <i>Seminars in Radiation Oncology</i> , 2022, 32, 54-63.	2.2	10
22	Chromosomal instability upregulates interferon in acute myeloid leukemia. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 627-638.	2.8	8
23	Banding Together: A Systematic Comparison of The Cancer Genome Atlas and the Mitelman Databases. <i>Cancer Research</i> , 2019, 79, 5181-5190.	0.9	5
24	Mad1 at the Golgi apparatus: a story beyond kinetochores. <i>Cell Cycle</i> , 2015, 14, 1763-1764.	2.6	1
25	A Genetic Toggle for Chemical Control of Individual Plk1 Substrates. <i>Cell Chemical Biology</i> , 2020, 27, 350-362.e8.	5.2	1