Adrienne A Boire

List of Publications by Year
in descending order

49 papers	4,756 citations	201385 27 h-index	197535 49 g-index
54 all docs	54 docs citations	54 times ranked	6716 citing authors

#	Article	IF	Citations
1	PAR1 Is a Matrix Metalloprotease-1 Receptor that Promotes Invasion and Tumorigenesis of Breast Cancer Cells. Cell, 2005, 120, 303-313.	13.5	774
2	Carcinomaâ€“astrocyte gap junctions promote brain metastasis by cGAMP transfer. Nature, 2016, 533, 493-498.	13.7	677
3	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	13.5	334
4	Evaluating Cancer of the Central Nervous System Through Next-Generation Sequencing of Cerebrospinal Fluid. Journal of Clinical Oncology, 2016, 34, 2404-2415.	0.8	297
5	Genomic characterization of metastatic patterns from prospective clinical sequencing of 25,000 patients. Cell, 2022, 185, 563-575.e11.	13.5	223
6	Brain metastasis. Nature Reviews Cancer, 2020, 20, 4-11.	12.8	221
7	Complement Component 3 Adapts the Cerebrospinal Fluid for Leptomeningeal Metastasis. Cell, 2017, 168, 1101-1113.e13.	13.5	219
8	Platelet Matrix Metalloprotease-1 Mediates Thrombogenesis by Activating PAR1 at a Cryptic Ligand Site. Cell, 2009, 137, 332-343.	13.5	218
9	The Evolving Landscape of Brain Metastasis. Trends in Cancer, 2018, 4, 176-196.	3.8	194
10	Pericyte-like spreading by disseminated cancer cells activates YAP and MRTF for metastatic colonization. Nature Cell Biology, 2018, 20, 966-978.	4.6	186
11	Cancer cells deploy lipocalin-2 to collect limiting iron in leptomeningeal metastasis. Science, 2020, 369, 276-282.	6.0	146
12	Blockade of PAR1 Signaling with Cell-Penetrating Pepducins Inhibits Akt Survival Pathways in Breast Cancer Cells and Suppresses Tumor Survival and Metastasis. Cancer Research, 2009, 69, 6223-6231.	0.4	131
13	Liquid biopsy in central nervous system metastases: a RANO review and proposals for clinical applications. Neuro-Oncology, 2019, 21, 571-584.	0.6	114
14	Genomic Correlates of Disease Progression and Treatment Response in Prospectively Characterized Gliomas. Clinical Cancer Research, 2019, 25, 5537-5547.	3.2	107
15	Characteristics and Outcomes of Patients With Breast Cancer With Leptomeningeal Metastasis. Clinical Breast Cancer, 2017, 17, 23-28.	1.1	91
16	Cerebrospinal fluid circulating tumor cells: a novel tool to diagnose leptomeningeal metastases from epithelial tumors. Neuro-Oncology, 2017, 19, 1248-1254.	0.6	79
17	Clinical trial of proton craniospinal irradiation for leptomeningeal metastases. Neuro-Oncology, 2021, 23, 134-143.	0.6	56
18	Cytotoxic lymphocytes target characteristic biophysical vulnerabilities in cancer. Immunity, 2021, 54, 1037-1054.e7.	6.6	56

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19	Inflammatory Leptomeningeal Cytokines Mediate COVID-19 Neurologic Symptoms in Cancer Patients. Cancer Cell, 2021, 39, 276-283.e3.	7.7	54
20	Frequency and outcomes of brain metastases in patients with HER2â€mutant lung cancers. Cancer, 2019, 125, 4380-4387.	2.0	51
21	Brain Metastasis Cell Lines Panel: A Public Resource of Organotropic Cell Lines. Cancer Research, 2020, 80, 4314-4323.	0.4	51
22	Cerebrospinal fluid circulating tumor cells as a quantifiable measurement of leptomeningeal metastases in patients with HER2 positive cancer. Journal of Neuro-Oncology, 2020, 148, 599-606.	1.4	50
23	Randomized Phase II Trial of Proton Craniospinal Irradiation Versus Photon Involved-Field Radiotherapy for Patients With Solid Tumor Leptomeningeal Metastasis. Journal of Clinical Oncology, 2022, 40, 3858-3867.	0.8	47
24	Spatial Separation of Î²-Sheet Domains of Î²-Amyloid:Â Disruption of Each Î²-Sheet byN-Methyl Amino Acidsâ€. Biochemistry, 2006, 45, 9485-9495.	1.2	42
25	A retrospective, quantitative assessment of disease burden in patients with leptomeningeal metastases from non-small-cell lung cancer. Neuro-Oncology, 2020, 22, 675-683.	0.6	39
26	Brain metastases: A Society for Neuro-Oncology (SNO) consensus review on current management and future directions. Neuro-Oncology, 2022, 24, 1613-1646.	0.6	39
27	Leptomeningeal disease in melanoma patients: An update to treatment, challenges, and future directions. Pigment Cell and Melanoma Research, 2020, 33, 527-541.	1.5	36
28	Leptomeningeal metastatic cells adopt two phenotypic states. Cancer Reports, 2022, 5, e1236.	0.6	26
29	Tumour Dormancy and Reawakening: Opportunities and Challenges. Trends in Cancer, 2019, 5, 762-765.	3.8	23
30	Site-specific Effects of Peptide Lipidation on Î²-Amyloid Aggregation and Cytotoxicity. Journal of Biological Chemistry, 2007, 282, 36987-36997.	1.6	19
31	Medulloblastoma uses GABA transaminase to survive in the cerebrospinal fluid microenvironment and promote leptomeningeal dissemination. Cell Reports, 2021, 35, 109302.	2.9	19
32	Clinical Experience of Cerebrospinal Fluidâ€“Based Liquid Biopsy Demonstrates Superiority of Cell-Free DNA over Cell Pellet Genomic DNA for Molecular Profiling. Journal of Molecular Diagnostics, 2021, 23, 742-752.	1.2	17
33	Emerging therapies for malignant glioma. Expert Review of Anticancer Therapy, 2007, 7, S29-S36.	1.1	13
34	Molecular Interactions in the Development of Brain Metastases. International Journal of Molecular Sciences, 2013, 14, 17157-17167.	1.8	10
35	Advances in the diagnosis, evaluation, and management of leptomeningeal disease. Neuro-Oncology Advances, 2021, 3, v86-v95.	0.4	10
36	Pollen recovery in atmospheric samples collected with the Rotorod Sampler over multiple-day periods such as weekends. Annals of Allergy, Asthma and Immunology, 1999, 83, 217-221.	0.5	9

#	Article	IF	Citations
37	Incidence of brain metastases in patients with early HER2-positive breast cancer receiving neoadjuvant chemotherapy with trastuzumab and pertuzumab. Npj Breast Cancer, 2022, 8, 37.	2.3	9
38	Leptomeningeal Metastases: New Opportunities in the Modern Era. Neurotherapeutics, 2022, 19, 1782-1798.	2.1	9
39	Quantitative cerebrospinal fluid circulating tumor cells are a potential biomarker of response for proton craniospinal irradiation for leptomeningeal metastasis. Neuro-Oncology Advances, 2021, 3, vdab181.	0.4	8
40	A summary of the atmospheric surveys published in the United States allergy literature, 1966-1996. Annals of Allergy, Asthma and Immunology, 1999, 82, 543-547.	0.5	6
41	Targeted therapy in the treatment of malignant gliomas. OncoTargets and Therapy, 2009, 2, 115.	1.0	5
42	Characterization, isolation, and in vitro culture of leptomeningeal fibroblasts. Journal of Neuroimmunology, 2021, 361, 577727.	1.1	5
43	Phenotypic and molecular states of IDH1 mutation-induced CD24-positive glioma stem-like cells. Neoplasia, 2022, 28, 100790.	2.3	5
44	Palliation for all people: alleviating racial disparities in supportive care for brain metastases. Neuro-Oncology, 2020, 22, 1239-1240.	0.6	3
45	BM-06 * MECHANISTIC INVESTIGATIONS OF LEPTOMENINGEAL METASTASIS FROM SOLID TUMORS. Neuro-Oncology, 2014, 16, v33-v33.	0.6	2
46	Metastasis to the Central Nervous System. CONTINUUM Lifelong Learning in Neurology, 2020, 26, 1584-1601.	0.4	1
47	Leptomeningeal Disease and the Role of Intrathecal Therapy. , 2020, , 169-186.		1
48	Molecular Mechanisms in Brain Metastasis. , 2020, , 31-41.		0
49	Genomic Characterization of a RET Inhibitorâ€“Resistant RET Fusionâ€“Positive Lung Cancer by CSF Cell-Free DNA Hybrid Captureâ€“Based Sequencing. JCO Precision Oncology, 2020, 4, 1361-1366.	1.5	0