Elizabeth B Claus

List of Publications by Year
in descending order

94 papers	8,843 citations	76326 40 h-index	51608 86 g-index
97 all docs	97 docs citations	97 times ranked	11051 citing authors

#	Article	IF	Citations
1	Autosomal dominant inheritance of early-onset breast cancer. Implications for risk prediction. Cancer, 1994, 73, 643-651.	4.1	902
2	Epidemiology and etiology of meningioma. Journal of Neuro-Oncology, 2010, 99, 307-314.	2.9	866
3	Risk Factors for Serious Injury During Falls by Older Persons in the Community. Journal of the American Geriatrics Society, 1995, 43, 1214-1221.	2.6	755
4	The genetic attributable risk of breast and ovarian cancer. Cancer, 1996, 77, 2318-2324.	4.1	605
5	Epidemiology of Intracranial Meningioma. Neurosurgery, 2005, 57, 1088-1095.	1.1	477
6	Survival rates in patients with low-grade glioma after intraoperative magnetic resonance image guidance. Cancer, 2005, 103, 1227-1233.	4.1	431
7	Survival and low-grade glioma: the emergence of genetic information. Neurosurgical Focus, 2015, 38, E6.	2.3	358
8	Longitudinal molecular trajectories of diffuse glioma in adults. Nature, 2019, 576, 112-120.	27.8	320
9	Genome-wide association study of glioma subtypes identifies specific differences in genetic susceptibility to glioblastoma and non-glioblastoma tumors. Nature Genetics, 2017, 49, 789-794.	21.4	259
10	Brain Metastases in Newly Diagnosed Breast Cancer. JAMA Oncology, 2017, 3, 1069.	7.1	224
11	Survival rates and patterns of care for patients diagnosed with supratentorial low-grade gliomas. Cancer, 2006, 106, 1358-1363.	4.1	200
12	The Contribution of Predisposing and Situational Risk Factors to Serious Fall Injuries. Journal of the American Geriatrics Society, 1995, 43, 1207-1213.	2.6	183
13	Germline Mutations in Shelterin Complex Genes Are Associated With Familial Glioma. Journal of the National Cancer Institute, 2015, 107, 384.	6.3	172
14	Dental xâ€rays and risk of meningioma. Cancer, 2012, 118, 4530-4537.	4.1	144
15	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. Neuro-Oncology, 2018, 20, 873-884.	1.2	119
16	Toward More Rational Prediction of Outcome in Patients with High-grade Subarachnoid Hemorrhage. Neurosurgery, 2000, 46, 28-36.	1.1	108
17	Combination inhibition of PI3K and mTORC1 yields durable remissions in mice bearing orthotopic patient-derived xenografts of HER2-positive breast cancer brain metastases. Nature Medicine, 2016, 22, 723-726.	30.7	105
18	Breast Carcinoma In Situ: Risk Factors and Screening Patterns. Journal of the National Cancer Institute, 2001, 93, 1811-1817.	6.3	104

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19	Exogenous hormone use and meningioma risk. Cancer, 2007, 110, 471-476.	4.1	104
20	Effect of BRCA1 and BRCA2 on the Association Between Breast Cancer Risk and Family History. Journal of the National Cancer Institute, 1998, 90, 1824-1829.	6.3	102
21	Treatment and survival of patients with nonmalignant intracranial meningioma: results from the Surveillance, Epidemiology, and End Results Program of the National Cancer Institute. Journal of Neurosurgery, 2011, 115, 259-267.	1.6	102
22	Prevalence of <EMPH TYPE="ITAL">BRCA1</EMPH> and <EMPH TYPE="ITAL">BRCA2</EMPH> Mutations in Women Diagnosed With Ductal Carcinoma In Situ. JAMA - Journal of the American Medical Association, 2005, 293, 964.	7.4	94
23	Exogenous hormone use, reproductive factors, and risk of intracranial meningioma in females. Journal of Neurosurgery, 2013, 118, 649-656.	1.6	92
24	Approaching a Scientific Consensus on the Association between Allergies and Glioma Risk: A Report from the Glioma International Case-Control Study. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 282-290.	2.5	89
25	The risk of a contralateral breast cancer among women diagnosed with ductal and lobular breast carcinoma in situ: data from the Connecticut Tumor Registry. Breast, 2003, 12, 451-456.	2.2	85
26	A molecularly integrated grade for meningioma. Neuro-Oncology, 2022, 24, 796-808.	1.2	83
27	Comparison of Local Control of Brain Metastases With Stereotactic Radiosurgery vs Surgical Resection. JAMA Oncology, 2019, 5, 243.	7.1	81
28	Adjuvant radiation therapy, local recurrence, and the need for salvage therapy in atypical meningioma. Neuro-Oncology, 2014, 16, 1547-1553.	1.2	80
29	Relationship between breast histopathology and family history of breast cancer. Cancer, 1993, 71, 147-153.	4.1	77
30	GLIOGENEâ€"an International Consortium to Understand Familial Glioma. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1730-1734.	2.5	74
31	Treatment of ruptured and unruptured cerebral aneurysms in the USA: a paradigm shift. Journal of NeuroInterventional Surgery, 2018, 10, i69-i76.	3.3	72
32	Specific Genes Expressed in Association with Progesterone Receptors in Meningioma. Cancer Research, 2008, 68, 314-322.	0.9	69
33	Family and personal medical history and risk of meningioma. Journal of Neurosurgery, 2011, 115, 1072-1077.	1.6	69
34	Sex-specific glioma genome-wide association study identifies new risk locus at 3p21.31 in females, and finds sex-differences in risk at 8q24.21. Scientific Reports, 2018, 8, 7352.	3.3	56
35	Family History of Breast and Ovarian Cancer and the Risk of Breast Carcinoma in situ. Breast Cancer Research and Treatment, 2003, 78, 7-15.	2.5	52
36	Sex-specific gene and pathway modeling of inherited glioma risk. Neuro-Oncology, 2019, 21, 71-82.	1.2	52

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37	Readmission After Craniotomy for Tumor: A National Surgical Quality Improvement Program Analysis. Neurosurgery, 2017, 80, 551-562.	1.1	49
38	Quality of life after surgery for intracranial meningioma. Cancer, 2018, 124, 161-166.	4.1	47
39	Hypofractionated Versus Standard Radiation Therapy With or Without Temozolomide for Older Glioblastoma Patients. International Journal of Radiation Oncology Biology Physics, 2015, 92, 384-389.	0.8	46
40	Vitamin D deficiency is associated with a worse prognosis in metastatic melanoma. Oncotarget, 2017, 8, 6873-6882.	1.8	45
41	Clinical implementation of integrated whole-genome copy number and mutation profiling for glioblastoma. Neuro-Oncology, 2015, 17, 1344-1355.	1.2	40
42	Neurosurgical management of metastases in the central nervous system. Nature Reviews Clinical Oncology, 2012, 9, 79-86.	27.6	39
43	Impact of atopy on risk of glioma: a Mendelian randomisation study. BMC Medicine, 2018, 16, 42.	5.5	38
44	History of chickenpox in glioma risk: a report from the glioma international caseâ€“control study (<scp>GICC</scp>). Cancer Medicine, 2016, 5, 1352-1358.	2.8	36
45	Unplanned Reoperation After Craniotomy for Tumor: A National Surgical Quality Improvement Program Analysis. Neurosurgery, 2017, 81, 761-771.	1.1	36
46	Risk models used to counsel women for breast and ovarian cancer: a guide for clinicians. Familial Cancer, 2001, 1, 197-206.	1.9	35
47	Oral Contraceptives and the Risk of Ductal Breast Carcinoma in situ. Breast Cancer Research and Treatment, 2003, 81, 129-136.	2.5	35
48	PIWI-Interacting RNAs in Gliomagenesis: Evidence from Post-GWAS and Functional Analyses. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1073-1080.	2.5	32
49	Glioma-related seizures in relation to histopathological subtypes: a report from the glioma international caseâ€“control study. Journal of Neurology, 2018, 265, 1432-1442.	3.6	32
50	Influence of obesity-related risk factors in the aetiology of glioma. British Journal of Cancer, 2018, 118, 1020-1027.	6.4	32
51	Reduced allergy and immunoglobulin E among adults with intracranial meningioma compared to controls. International Journal of Cancer, 2011, 129, 1932-1939.	5.1	30
52	Endogenous and exogenous hormone exposure and the risk of meningioma in men. Journal of Neurosurgery, 2014, 120, 820-826.	1.6	28
53	Thrombocytopenia and craniotomy for tumor: A National Surgical Quality Improvement Program analysis. Cancer, 2016, 122, 1708-1717.	4.1	28
54	Transcriptome-Wide Association Study Identifies New Candidate Susceptibility Genes for Glioma. Cancer Research, 2019, 79, 2065-2071.	0.9	26

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55	A gene expression signature predicts recurrence-free survival in meningioma. Oncotarget, 2018, 9, 16087-16098.	1.8	26
56	Body habitus, serum albumin, and the outcomes after craniotomy for tumor: a National Surgical Quality Improvement Program analysis. Journal of Neurosurgery, 2017, 126, 677-689.	1.6	23
57	Mendelian randomisation study of the relationship between vitamin D and risk of glioma. Scientific Reports, 2018, 8, 2339.	3.3	23
58	Genome-wide association analysis identifies a meningioma risk locus at 11p15.5. Neuro-Oncology, 2018, 20, 1485-1493.	1.2	23
59	Glioma risk associated with extent of estimated European genetic ancestry in African Americans and Hispanics. International Journal of Cancer, 2020, 146, 739-748.	5.1	23
60	Targeted Sequencing in Chromosome 17q Linkage Region Identifies Familial Glioma Candidates in the Gliogene Consortium. Scientific Reports, 2015, 5, 8278.	3.3	22
61	Ageâ€specific genomeâ€wide association study in glioblastoma identifies increased proportion of â€˜lower grade gliomaâ€™â€like features associated with younger age. International Journal of Cancer, 2018, 143, 2359-2366.	5.1	21
62	Mendelian randomization provides support for obesity as a risk factor for meningioma. Scientific Reports, 2019, 9, 309.	3.3	21
63	Cigarette Smoking and Risk of Meningioma: The Effect of Gender. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 943-950.	2.5	19
64	Lack of association between modifiable exposures and glioma risk: A Mendelian randomisation analysis. Neuro-Oncology, 2020, 22, 207-215.	1.2	19
65	Quality of Life for Women Diagnosed With Breast Carcinoma in Situ. Journal of Clinical Oncology, 2006, 24, 4875-4881.	1.6	17
66	Neurosurgical Resection and Stereotactic Radiation Versus Stereotactic Radiation Alone in Patients with a Single or Solitary Brain Metastasis. World Neurosurgery, 2019, 122, e1557-e1561.	1.3	17
67	Trends in Survival After Surgery for Breast Cancer Metastatic to the Brain and Spinal Column in Medicare Patients: A Population-Based Analysis. Neurosurgery, 2011, 68, 705-713.	1.1	15
68	Salvage re-irradiation for recurrent high-grade glioma and comparison to bevacizumab alone. Journal of Neuro-Oncology, 2017, 135, 581-591.	2.9	15
69	Aspirin, NSAIDs, and Glioma Risk: Original Data from the Glioma International Caseâ€“Control Study and a Meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 555-562.	2.5	15
70	The Epidemiology of Central Nervous System Tumors. Hematology/Oncology Clinics of North America, 2022, 36, 23-42.	2.2	15
71	Defining future directions in spinal cord tumor research. Journal of Neurosurgery: Spine, 2010, 12, 117-121.	1.7	14
72	Salvage whole brain radiotherapy or stereotactic radiosurgery after initial stereotactic radiosurgery for 1â€“4 brain metastases. Journal of Neuro-Oncology, 2015, 124, 429-437.	2.9	13

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73	Environmental and sex-specific molecular signatures of glioma causation. Neuro-Oncology, 2022, 24, 29-36.	1.2	12
74	Longer genotypically-estimated leukocyte telomere length is associated with increased meningioma risk. Journal of Neuro-Oncology, 2019, 142, 479-487.	2.9	11
75	Brain Tumor Discussions on Twitter (#BTSM): Social Network Analysis. Journal of Medical Internet Research, 2020, 22, e22005.	4.3	11
76	Assessment of Autoantibodies to Meningioma in a Population-based Study. American Journal of Epidemiology, 2013, 177, 75-83.	3.4	10
77	Do race and age vary in non-malignant central nervous system tumor incidences in the United States?. Journal of Neuro-Oncology, 2017, 134, 269-277.	2.9	8
78	Social media partnerships with patient organizations for neuro-oncology patient recruitment. Neuro-Oncology Practice, 2020, 7, 143-151.	1.6	7
79	Diet and risk of glioma: targets for prevention remain elusive. Neuro-Oncology, 2019, 21, 832-833.	1.2	4
80	Atypical Histopathological Features and the Risk of Treatment Failure in Nonmalignant Meningiomas: A Multi-Institutional Analysis. World Neurosurgery, 2020, 133, e804-e812.	1.3	4
81	Pleiotropic MLLT10 variation confers risk of meningioma and estrogen-mediated cancers. Neuro-Oncology Advances, 2022, 4, .	0.7	4
82	Dental xâ€rays and risk of meningioma: Response to Drs. Calnon, Jorgensen, and White. Cancer, 2013, 119, 465-466.	4.1	3
83	MNGO-11. REPORT FROM THE MENINGIOMA CONSORTIUM: CONFIRMATION OF AÂMENINGIOMA RISK LOCUS AT 10p12. Neuro-Oncology, 2016, 18, vi103-vi103.	1.2	3
84	Epidemiology and Natural History of Meningiomas. , 2010, , 61-77.		2
85	Disparities in patient engagement with video telemedicine among high-video-use providers during the COVID-19 pandemic. European Heart Journal Digital Health, 2021, 2, 691-694.	1.7	2
86	EPID-23. PURSUIT OF AN INTERNATIONAL LANGUAGE OF GLIOMA RESEARCH: COMMON DATA ELEMENTS FOR THE LONGITUDINAL STUDY OF ADULT MALIGNANT GLIOMA. Neuro-Oncology, 2019, 21, vi79-vi79.	1.2	1
87	Hypofractionated (HRT) versus standard (SRT) radiotherapy with or without temozolomide (T) for elderly patients with glioblastoma (GBM).. Journal of Clinical Oncology, 2014, 32, 2065-2065.	1.6	1
88	Benign and Malignant Tumors of the Brain. , 2011, , 1151-1164.		0
89	GENE-53. SEX-SPECIFIC GENE AND PATHWAY MODELING OF INHERITED GLIOMA RISK. Neuro-Oncology, 2017, 19, vi104-vi104.	1.2	0
90	GENE-55. CONSTITUTIONAL MUTATIONS IN TERT AND MENINGIOMA RISK. Neuro-Oncology, 2017, 19, vi104-vi105.	1.2	0

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91	DRES-05. MOLECULAR EVOLUTION OF DIFFUSE GLIOMAS AND THE GLIOMA LONGITUDINAL ANALYSIS CONSORTIUM. Neuro-Oncology, 2018, 20, vi76-vi76.	1.2	0
92	Etiological and Epidemiological Aspects. , 2019, , 91-109.		0
93	EPID-06. ASSOCIATIONS BETWEEN GERMLINE GENETIC VARIANTS AND OVERALL SURVIVAL IN PATIENTS WITH GLIOMA. Neuro-Oncology, 2021, 23, vi86-vi86.	1.2	0
94	EPCO-13. GENOME-WIDE ASSOCIATION STUDY IN INDIVIDUALS OF ASHKENAZI JEWISH ANCESTRY IDENTIFIES NOVEL RISK LOCI FOR GLIOMA. Neuro-Oncology, 2020, 22, ii71-ii72.	1.2	0