Elisabeth J Rushing

List of Publications by Year
in descending order

77 papers	4,762 citations	236925 25 h-index	106344 65 g-index
77 all docs	77 docs citations	77 times ranked	8216 citing authors

#	Article	IF	Citations
1	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
2	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. Lancet Oncology, The, 2017, 18, 682-694.	10.7	586
3	Mutations in the gene encoding PDGF-B cause brain calcifications in humans and mice. Nature Genetics, 2013, 45, 1077-1082.	21.4	273
4	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. Nature Communications, 2019, 10, 4343.	12.8	200
5	Structure-based drug design identifies polythiophenes as antiprion compounds. Science Translational Medicine, 2015, 7, 299ra123.	12.4	130
6	A neuroprotective role for microglia in prion diseases. Journal of Experimental Medicine, 2016, 213, 1047-1059.	8.5	127
7	Highâ€throughput proteomic analysis of <scp>FFPE</scp> tissue samples facilitates tumor stratification. Molecular Oncology, 2019, 13, 2305-2328.	4.6	100
8	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	1.6	93
9	Inflammatory olfactory neuropathy in two patients with COVID-19. Lancet, The, 2020, 396, 166.	13.7	86
10	⁶⁸Gallium-DOTATATE PET in meningioma: A reliable predictor of tumor growth rate?. Neuro-Oncology, 2016, 18, 1021-1027.	1.2	80
11	Somatostatin-receptor-targeted radionuclide therapy for progressive meningioma: benefit linked to⁶⁸Ga-DOTATATE/-TOC uptake. Neuro-Oncology, 2016, 18, now060.	1.2	79
12	Sporadic late-onset nemaline myopathy: clinico-pathological characteristics and review of 76 cases. Orphanet Journal of Rare Diseases, 2017, 12, 86.	2.7	77
13	Cilengitide in newly diagnosed glioblastoma: biomarker expression and outcome. Oncotarget, 2016, 7, 15018-15032.	1.8	62
14	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in FGFR1, with recurrent co-mutation of PIK3CA and NF1. Acta Neuropathologica, 2019, 138, 497-504.	7.7	57
15	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. Acta Neuropathologica, 2018, 136, 293-302.	7.7	56
16	MicroRNA-29a in Adult Muscle Stem Cells Controls Skeletal Muscle Regeneration During Injury and Exercise Downstream of Fibroblast Growth Factor-2. Stem Cells, 2016, 34, 768-780.	3.2	55
17	Durable Control of Metastatic AKT1-Mutant WHO Grade 1 Meningothelial Meningioma by the AKT Inhibitor, AZD5363. Journal of the National Cancer Institute, 2017, 109, 1-4.	6.3	51
18	Evaluation of NADPH oxidases as drug targets in a mouse model of familial amyotrophic lateral sclerosis. Free Radical Biology and Medicine, 2016, 97, 95-108.	2.9	47

#	Article	IF	Citations
19	YAP1-fusions in pediatric NF2-wildtype meningioma. Acta Neuropathologica, 2020, 139, 215-218.	7.7	45
20	Case Report: Encephalitis, with Brainstem Involvement, Following Checkpoint Inhibitor Therapy in Metastatic Melanoma. Oncologist, 2017, 22, 749-753.	3.7	38
21	Exercise effects in Huntington disease. Journal of Neurology, 2017, 264, 32-39.	3.6	38
22	WHO classification of tumors of the nervous system: preview of the upcoming 5thÂedition. Memo - Magazine of European Medical Oncology, 2021, 14, 188-191.	0.5	38
23	Triggering receptor expressed on myeloid cells-2 is involved in prion-induced microglial activation but does not contribute to prion pathogenesis in mouse brains. Neurobiology of Aging, 2015, 36, 1994-2003.	3.1	36
24	TGF-Î² Determines the Pro-migratory Potential of bFGF Signaling in Medulloblastoma. Cell Reports, 2018, 23, 3798-3812.e8.	6.4	33
25	MAP4K4 controlled integrin Î²1 activation and c-Met endocytosis are associated with invasive behavior of medulloblastoma cells. Oncotarget, 2018, 9, 23220-23236.	1.8	32
26	Diagnostic red flags: steroidâ€treated malignant CNS lymphoma mimicking autoimmune inflammatory demyelination. Brain Pathology, 2018, 28, 225-233.	4.1	28
27	Chemotherapy for intracranial ependymoma in adults. BMC Cancer, 2016, 16, 287.	2.6	23
28	Microglia control small vessel calcification via TREM2. Science Advances, 2021, 7, .	10.3	22
29	BRAF V600E mutation: A treatable driver mutation in pleomorphic xanthoastrocytoma (PXA). Acta OncolÃ³gica, 2016, 55, 122-123.	1.8	20
30	Cystatin F is a biomarker of prion pathogenesis in mice. PLoS ONE, 2017, 12, e0171923.	2.5	20
31	Molecular and Clinicopathologic Heterogeneity of Intracranial Tumors Mimicking Extraskeletal Myxoid Chondrosarcoma. Journal of Neuropathology and Experimental Neurology, 2018, 77, 727-735.	1.7	19
32	Congenital Myasthenic Syndrome caused by mutations in DPAGT. Neuromuscular Disorders, 2015, 25, 253-256.	0.6	18
33	Synchronous pituitary adenoma and pituicytoma. Human Pathology, 2016, 47, 138-143.	2.0	18
34	The role of macrophages type 2 and T-regs in immune checkpoint inhibitor related adverse events. Immunobiology, 2020, 225, 152009.	1.9	18
35	Diagnostic value of 18F-fluordesoxyglucose positron emission tomography for patients with brain metastasis from unknown primary site. European Journal of Cancer, 2018, 96, 64-72.	2.8	17
36	microRNA deep sequencing in two adult stem cell populations identifies miR-501 as novel regulator of myosin heavy chain during muscle regeneration. Development (Cambridge), 2016, 143, 4137-4148.	2.5	16

#	Article	IF	Citations
37	Dysferlinopathy in Switzerland: clinical phenotypes and potential founder effects. BMC Neurology, 2015, 15, 182.	1.8	15
38	Ewingâ€™s Sarcoma as a Second Malignancy in Long-Term Survivors of Childhood Hematologic Malignancies. Sarcoma, 2016, 2016, 1-11.	1.3	15
39	Radiomic Analysis to Predict Outcome in Recurrent Glioblastoma Based on Multi-Center MR Imaging From the Prospective DIRECTOR Trial. Frontiers in Oncology, 2021, 11, 636672.	2.8	15
40	Eight autopsy cases of melanoma brain metastases showing angiotropism and pericytic mimicry. Implications for extravascular migratory metastasis. Journal of Cutaneous Pathology, 2019, 46, 570-578.	1.3	14
41	Cutaneous Melanoma with Brain Metastasis: Report of 193 Patients with New Observations. PLoS ONE, 2016, 11, e0156115.	2.5	13
42	Alterations in homologous recombination repair genes in prostate cancer brain metastases. Nature Communications, 2022, 13, 2400.	12.8	13
43	Sudan black: a fast, easy and nonâ€toxic method to assess myelin repair in demyelinating diseases. Neuropathology and Applied Neurobiology, 2017, 43, 242-251.	3.2	12
44	K27/G34 versus K28/G35 in histone H3-mutant gliomas: A note of caution. Acta Neuropathologica, 2018, 136, 175-176.	7.7	12
45	Active receptor tyrosine kinases, but not Brachyury, are sufficient to trigger chordoma in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	12
46	A single supratentorial highâ€grade neuroepithelial tumor with two distinct BCOR mutations, exceptionally long complete remission and survival. Pediatric Blood and Cancer, 2020, 67, e28384.	1.5	12
47	HPV-Related Multiphenotypic Sinonasal Carcinoma: Four Cases that Expand the Morpho-Molecular Spectrum and Include Occupational Data. Head and Neck Pathology, 2020, 14, 623-629.	2.6	10
48	Telomerase reverse transcriptase promoter mutationâ€“ and O6-methylguanine DNA methyltransferase promoter methylationâ€“mediated sensitivity to temozolomide in isocitrate dehydrogenaseâ€–wild-type glioblastoma: is there a link?. European Journal of Cancer, 2021, 147, 84-94.	2.8	10
49	Fibrin-associated diffuse large B-cell lymphoma in a hemorrhagic cranial arachnoid cyst. Acta Neuropathologica Communications, 2017, 5, 60.	5.2	9
50	Suprasellar pilocytic astrocytoma in an adult with hemorrhage and leptomeningeal dissemination: case report and review of literature. Radiology Case Reports, 2016, 11, 411-418.	0.6	8
51	New observations in tumor cell plasticity: mutational profiling in a case of metastatic melanoma with biphasic sarcomatoid transdifferentiation. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 473, 517-521.	2.8	8
52	Age-associated and therapy-induced alterations in the cellular microenvironment of experimental gliomas. Oncotarget, 2017, 8, 87124-87135.	1.8	8
53	Quantitative proteomic landscapes of primary and recurrent glioblastoma reveal a protumorigeneic role for FBXO2-dependent glioma-microenvironment interactions. Neuro-Oncology, 2023, 25, 290-302.	1.2	8
54	Muscle Magnetic Resonance Imaging of the Lower Limbs: Valuable Diagnostic Tool in the Investigation of Childhood Neuromuscular Disorders. Neuropediatrics, 2014, 45, 278-288.	0.6	7

#	Article	IF	Citations
55	Spinal arachnoid webâ€"a distinct entity of focal arachnopathy with favorable long-term outcome after surgical resection: analysis of a multicenter patient population. Spine Journal, 2022, 22, 126-135.	1.3	7
56	Genetic and epigenetic characterization of posterior pituitary tumors. Acta Neuropathologica, 2021, 142, 1025-1043.	7.7	7
57	Venous thromboembolic events in glioblastoma patients: An epidemiological study. European Journal of Neurology, 2022, 29, 2386-2397.	3.3	7
58	Towards an integrated morphological and molecular WHO diagnosis of central nervous system tumors. Current Opinion in Neurology, 2015, 28, 628-632.	3.6	6
59	Regulated expression of amyloidogenic immunoglobulin light chains in mice. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 52-53.	3.0	4
60	Sensitivity of human meningioma cells to the cyclin-dependent kinase inhibitor, TG02. Translational Oncology, 2020, 13, 100852.	3.7	4
61	Natural history of a medulloblastoma: 30Âmonths of wait and see in a child with a cerebellar incidentaloma. Child's Nervous System, 2013, 29, 1207-1210.	1.1	3
62	Coexisting pituicytoma and pituitary adenoma; a second coincidence?â€"reply. Human Pathology, 2016, 55, 205-206.	2.0	2
63	Collagen VI-Related Myopathy Caused by Compound Heterozygous Mutations of COL6A3 in a Consanguineous Kurdish Family. Journal of Clinical Neuromuscular Disease, 2021, 22, 173-179.	0.7	2
64	An 80-year experience with optic nerve glioma cases at the Armed Forces Institute of Pathology: evolution from museum to molecular evaluation suggests possibe interventions in the cellular senescence and microglial pathways (an American Ophthalmological Society thesis). Transactions of the American Ophthalmological Society, 2014, 112, 11-25.	1.4	2
65	Prognostic Relevance of Transforming Growth Factor-Î² Receptor Expression and Signaling in Glioblastoma, Isocitrate Dehydrogenase-Wildtype. Journal of Neuropathology and Experimental Neurology, 2022, 81, 225-235.	1.7	2
66	Cancer in children with biallelic BRCA1 variants and Fanconi anemiaâ€like features: Report of a malignant brain tumor in a young child. Pediatric Blood and Cancer, 2022, 69, e29680.	1.5	2
67	Heterogeneous Appearance of Central Nervous System Involvement in Malignant Mixed MÃ¼llerian Tumors. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77, 447-451.	0.8	1
68	Highâ€grade Salivary Gland Adenocarcinoma Harboring ETV6-NTRK3ÂFusion: Defined by Morphology or Molecular Aberration?. Head and Neck Pathology, 2021, 15, 1082-1084.	2.6	1
69	Immunohistochemical Expression Pattern of Theragnostic Targets SSTR2 and PSMA in Endolymphatic Sac Tumors: A Single Institution Case Series. Head and Neck Pathology, 2022, , .	2.6	1
70	A 49â€year old female with multiple extraâ€axial tumors. Brain Pathology, 2017, 27, 235-236.	4.1	0
71	Isolated intracerebral Langerhans cell histiocytosis with multifocal lesions. Pediatric Blood and Cancer, 2017, 64, e26546.	1.5	0
72	MEDU-49. TARGETING FRS2 RESTRICTS BRAIN TISSUE INFILTRATION IN MEDULLOBLASTOMA. Neuro-Oncology, 2017, 19, iv48-iv48.	1.2	0

#	Article	IF	Citations
73	A 72â€year old female with multiple supraâ€and infratentorial dural masses. Brain Pathology, 2018, 28, 1023-1024.	4.1	0
74	EPID-10. VENOUS THROMBOEMBOLIC EVENTS IN GLIOBLASTOMA PATIENTS: AN EPIDEMIOLOGICAL VIEW. Neuro-Oncology, 2019, 21, vi76-vi76.	1.2	0
75	An Infratentorial Tumor in a 44â€Yearâ€Old Female Patient. Brain Pathology, 2019, 29, 145-146.	4.1	0
76	Prognostic value of O-(2-[¹⁸F]-fluoroethyl)-L-tyrosine PET in relapsing oligodendroglioma. Acta OncolÃ³gica, 2020, 59, 1357-1364.	1.8	0
77	Abstract 5325: Image-based functional precision medicine for repurposing neuroactive drugs in glioblastoma. Cancer Research, 2022, 82, 5325-5325.	0.9	0