

# Roger E Mclendon

## List of Publications by Year in descending order

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107  
papers

17,948  
citations

61984

43  
h-index

32842

100  
g-index

109  
all docs

109  
docs citations

109  
times ranked

22759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Nervous System Tumor Classification. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 1-21.	2.2	1
2	Aligning the Central Brain Tumor Registry of the United States (CBTRUS) histology groupings with current definitions. <i>Neuro-Oncology Practice</i> , 2022, 9, 317-327.	1.6	3
3	Molecular biomarker-defined brain tumors: Epidemiology, validity, and completeness in the United States. <i>Neuro-Oncology</i> , 2022, 24, 1989-2000.	1.2	27
4	Very low mutation burden is a feature of inflamed recurrent glioblastomas responsive to cancer immunotherapy. <i>Nature Communications</i> , 2021, 12, 352.	12.8	77
5	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. <i>Neuro-Oncology</i> , 2021, 23, 1360-1370.	1.2	46
6	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021, 39, 807-821.	1.6	40
7	Histologic maturation of cerebral neuroblastoma following conventional chemotherapy. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29034.	1.5	1
8	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	12.8	47
9	Subgroup and subtype-specific outcomes in adult medulloblastoma. <i>Acta Neuropathologica</i> , 2021, 142, 859-871.	7.7	34
10	A Modified Nucleoside 6-Thio-2-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 6800-6814.	7.0	10
11	Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults. <i>Acta Neuropathologica</i> , 2020, 139, 277-286.	7.7	36
12	Targeting PD-L1 Initiates Effective Antitumor Immunity in a Murine Model of Cushing Disease. <i>Clinical Cancer Research</i> , 2020, 26, 1141-1151.	7.0	43
13	The integrated genomic and epigenomic landscape of brainstem glioma. <i>Nature Communications</i> , 2020, 11, 3077.	12.8	50
14	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020, 1, 100038.	6.5	24
15	Clioneuronal Tumor With Features of Ganglioglioma and Neurocytoma Arising in the Fourth Ventricle: A Report of 2 Unusual Cases and a Review of Infratentorial Gangliogliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 780-787.	1.7	8
16	MTAP Loss Promotes Stemness in Glioblastoma and Confers Unique Susceptibility to Purine Starvation. <i>Cancer Research</i> , 2019, 79, 3383-3394.	0.9	30
17	Genomic analysis demonstrates that histologically-defined astroblastomas are molecularly heterogeneous and that tumors with MN1 rearrangement exhibit the most favorable prognosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 42.	5.2	57
18	ACVR1 R206H cooperates with H3.1K27M in promoting diffuse intrinsic pontine glioma pathogenesis. <i>Nature Communications</i> , 2019, 10, 1023.	12.8	87

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19	ATIM-27. TUMOR MUTATIONAL BURDEN PREDICTS RESPONSE TO ONCOLYTIC POLIO/RHINOVIRUS RECOMBINANT (PVSRIPO) IN MALIGNANT GLIOMA PATIENTS: ASSESSMENT OF TRANSCRIPTIONAL AND IMMUNOLOGICAL CORRELATES. <i>Neuro-Oncology</i> , 2019, 21, vi7-vi7.	1.2	5
20	Performance of a nomogram for IDH-wild-type glioblastoma patient survival in an elderly cohort. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz036.	0.7	4
21	Massive clonal expansion of medulloblastoma-specific T cells during adoptive cellular therapy. <i>Science Advances</i> , 2019, 5, eaav9879.	10.3	17
22	Sudden Unexpected Death in a Child From an Anaplastic Ependymoma. <i>American Journal of Forensic Medicine and Pathology</i> , 2019, 40, 275-278.	0.8	3
23	Intraventricular Pilocytic Astrocytoma With KIAA1549/BRAF Fusion Arising in a 44-Year Old. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 187-190.	1.7	6
24	Two Extraordinary Sellar Neuronal Tumors. <i>American Journal of Clinical Pathology</i> , 2019, 151, 241-254.	0.7	5
25	Sensitive and rapid detection of TERT promoter and IDH mutations in diffuse gliomas. <i>Neuro-Oncology</i> , 2019, 21, 440-450.	1.2	27
26	MGMT: Immunohistochemical Detection in High-Grade Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 57-64.	1.7	8
27	A Rationally Designed Fully Human EGFRvIII:CD3-Targeted Bispecific Antibody Redirects Human T Cells to Treat Patient-derived Intracerebral Malignant Glioma. <i>Clinical Cancer Research</i> , 2018, 24, 3611-3631.	7.0	39
28	Dendritic Cells Enhance Polyfunctionality of Adoptively Transferred T Cells That Target Cytomegalovirus in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 256-264.	0.9	82
29	Adaptive Evolution of the GDH2 Allosteric Domain Promotes Gliomagenesis by Resolving IDH1R132H-Induced Metabolic Liabilities. <i>Cancer Research</i> , 2018, 78, 36-50.	0.9	35
30	The genomic landscape of TERT promoter wildtype-IDH wildtype glioblastoma. <i>Nature Communications</i> , 2018, 9, 2087.	12.8	124
31	Recurrent Glioblastoma Treated with Recombinant Poliovirus. <i>New England Journal of Medicine</i> , 2018, 379, 150-161.	27.0	570
32	Intracerebral Flexner-Wintersteiner Rosette-Rich Tumor With Somatic RB1 Mutation: A CNS Embryonal Tumor With Retinoblastic Differentiation. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 846-852.	1.7	1
33	Hyaluronic acid based low viscosity hydrogel as a novel carrier for Convection Enhanced Delivery of CAR T cells. <i>Journal of Clinical Neuroscience</i> , 2018, 56, 163-168.	1.5	31
34	Novel case of recurrent intraventricular atypical central neurocytoma with prominent gangliogliomatous differentiation in a 10-year-old boy with 10 years of follow up. <i>Neuropathology</i> , 2018, 38, 542-548.	1.2	3
35	Heterogeneity within the PF-EPN-B ependymoma subgroup. <i>Acta Neuropathologica</i> , 2018, 136, 227-237.	7.7	86
36	Poliovirus Receptor (CD155) Expression in Pediatric Brain Tumors Mediates Oncolysis of Medulloblastoma and Pleomorphic Xanthoastrocytoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 696-702.	1.7	38

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37	Mutant IDH1 Disrupts the Mouse Subventricular Zone and Alters Brain Tumor Progression. <i>Molecular Cancer Research</i> , 2017, 15, 507-520.	3.4	41
38	Long-term Survival in Glioblastoma with Cytomegalovirus pp65-Targeted Vaccination. <i>Clinical Cancer Research</i> , 2017, 23, 1898-1909.	7.0	215
39	Histone H3.3K27M Represses <i>p16</i> to Accelerate Gliomagenesis in a Murine Model of DIPG. <i>Molecular Cancer Research</i> , 2017, 15, 1243-1254.	3.4	120
40	The Utility of Expert Diagnosis in Surgical Neuropathology: Analysis of Consultations Reviewed at 5 National Comprehensive Cancer Network Institutions. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 189-194.	1.7	2
41	Deubiquitinase USP13 maintains glioblastoma stem cells by antagonizing FBXL14-mediated Myc ubiquitination. <i>Journal of Experimental Medicine</i> , 2017, 214, 245-267.	8.5	123
42	<i>Cic</i> Loss Promotes Gliomagenesis via Aberrant Neural Stem Cell Proliferation and Differentiation. <i>Cancer Research</i> , 2017, 77, 6097-6108.	0.9	46
43	The whole-genome landscape of medulloblastoma subtypes. <i>Nature</i> , 2017, 547, 311-317.	27.8	787
44	Epilepsy in neurofibromatosis type 1. <i>Epilepsy and Behavior</i> , 2017, 73, 137-141.	1.7	35
45	Structured Annual Faculty Review Program Accelerates Professional Development and Promotion. <i>Academic Pathology</i> , 2017, 4, 2374289516689471.	1.1	10
46	Morphological and molecular features of astroblastoma, including <i>BRAFV600E</i> mutations, suggest an ontological relationship to other cortical-based gliomas of children and young adults. <i>Neuro-Oncology</i> , 2017, 19, 31-42.	1.2	45
47	Single-Agent Carboplatin for a Rare Case of Pilocytic Astrocytoma of the Spinal Cord in an Adult with Neurofibromatosis Type 1. <i>Case Reports in Oncology</i> , 2017, 9, 568-573.	0.7	3
48	HIV-1 Envelope Mimicry of Host Enzyme Kynureninase Does Not Disrupt Tryptophan Metabolism. <i>Journal of Immunology</i> , 2016, 197, 4663-4673.	0.8	6
49	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. <i>Journal of Clinical Oncology</i> , 2016, 34, 2468-2477.	1.6	160
50	Histologically benign, clinically aggressive: Progressive non-optic pathway pilocytic astrocytomas in adults with NF1. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1455-1461.	1.2	16
51	Preclinical toxicity evaluation of a novel immunotoxin, D2C7-(scdsFv)-PE38KDEL, administered via intracerebral convection-enhanced delivery in rats. <i>Investigational New Drugs</i> , 2016, 34, 149-158.	2.6	10
52	A Three-Dimensional Organoid Culture System Derived from Human Glioblastomas Recapitulates the Hypoxic Gradients and Cancer Stem Cell Heterogeneity of Tumors Found <i>In Vivo</i> . <i>Cancer Research</i> , 2016, 76, 2465-2477.	0.9	453
53	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. <i>Lancet Oncology, The</i> , 2016, 17, 484-495.	10.7	274
54	MIR-215 Is Induced Post-transcriptionally via HIF-Drosha Complex and Mediates Glioma-Initiating Cell Adaptation to Hypoxia by Targeting KDM1B. <i>Cancer Cell</i> , 2016, 29, 49-60.	16.8	95

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55	Differential Immune Microenvironments and Response to Immune Checkpoint Blockade among Molecular Subtypes of Murine Medulloblastoma. <i>Clinical Cancer Research</i> , 2016, 22, 582-595.	7.0	88
56	Gorlin syndrome and desmoplastic medulloblastoma: Report of 3 cases with unfavorable clinical course and novel mutations. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1855-1858.	1.5	6
57	Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth. <i>Nature Cell Biology</i> , 2015, 17, 170-182.	10.3	716
58	Tetanus toxoid and CCL3 improve dendritic cell vaccines in mice and glioblastoma patients. <i>Nature</i> , 2015, 519, 366-369.	27.8	429
59	Consultative Issues in Surgical Neuropathology. <i>American Journal of Clinical Pathology</i> , 2015, 143, 807-811.	0.7	3
60	Supratentorial Tanycytic Ependymoma in an Adult Male: Case Report and Review of Literature. <i>Case Reports in Oncology</i> , 2015, 8, 159-163.	0.7	2
61	Prognostic marker analysis in pediatric intracranial ependymomas. <i>Journal of Neuro-Oncology</i> , 2015, 122, 255-261.	2.9	10
62	EGFRVIII-Specific Chimeric Antigen Receptor T Cells Migrate to and Kill Tumor Deposits Infiltrating the Brain Parenchyma in an Invasive Xenograft Model of Glioblastoma. <i>PLoS ONE</i> , 2014, 9, e94281.	2.5	99
63	The Zinc Finger Transcription Factor ZFX Is Required for Maintaining the Tumorigenic Potential of Glioblastoma Stem Cells. <i>Stem Cells</i> , 2014, 32, 2033-2047.	3.2	47
64	Exome sequencing identifies somatic gain-of-function PPM1D mutations in brainstem gliomas. <i>Nature Genetics</i> , 2014, 46, 726-730.	21.4	148
65	High-Throughput Flow Cytometry Screening Reveals a Role for Junctional Adhesion Molecule A as a Cancer Stem Cell Maintenance Factor. <i>Cell Reports</i> , 2014, 6, 117-129.	6.4	76
66	<i>TERT</i> promoter mutations occur frequently in gliomas and a subset of tumors derived from cells with low rates of self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6021-6026.	7.1	1,202
67	Glioblastoma Stem Cells Generate Vascular Pericytes to Support Vessel Function and Tumor Growth. <i>Cell</i> , 2013, 153, 139-152.	28.9	729
68	MET and ALK in glioblastoma multiforme (GBM): Comparison of IHC and FISH. <i>Journal of Clinical Oncology</i> , 2012, 30, 2021-2021.	1.6	3
69	Glioblastoma Stem Cells: A Neuropathologist's View. <i>Journal of Oncology</i> , 2011, 2011, 1-8.	1.3	23
70	Nonreceptor Tyrosine Kinase BMX Maintains Self-Renewal and Tumorigenic Potential of Glioblastoma Stem Cells by Activating STAT3. <i>Cancer Cell</i> , 2011, 19, 498-511.	16.8	233
71	Embryonal Central Nervous System Neoplasms Arising in Infants and Young Children: A Pediatric Brain Tumor Consortium Study. <i>Archives of Pathology and Laboratory Medicine</i> , 2011, 135, 984-993.	2.5	18
72	Reply to M.S. Lesniak. <i>Journal of Clinical Oncology</i> , 2011, 29, 3105-3106.	1.6	9

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73	Hypoxia-Inducible Factors Regulate Tumorigenic Capacity of Glioma Stem Cells. <i>Cancer Cell</i> , 2009, 15, 501-513.	16.8	1,196
74	Phase II trial of temozolomide (TMZ) plus irinotecan (CPT-11) in adults with newly diagnosed glioblastoma multiforme before radiotherapy. <i>Journal of Neuro-Oncology</i> , 2009, 95, 393-400.	2.9	53
75	Efficacy of high-dose chemotherapy or standard salvage therapy in patients with recurrent medulloblastoma. <i>Neuro-Oncology</i> , 2008, 10, 745-751.	1.2	61
76	c-Myc Is Required for Maintenance of Glioma Cancer Stem Cells. <i>PLoS ONE</i> , 2008, 3, e3769.	2.5	352
77	Tumor resection cavity administered iodine-131-labeled antitenascin 81C6 radioimmunotherapy in patients with malignant glioma: neuropathology aspects. <i>Nuclear Medicine and Biology</i> , 2007, 34, 405-413.	0.6	16
78	Second Messenger Systems in Human Gliomas. <i>Archives of Pathology and Laboratory Medicine</i> , 2007, 131, 1585-1590.	2.5	33
79	Glioma stem cells promote radioresistance by preferential activation of the DNA damage response. <i>Nature</i> , 2006, 444, 756-760.	27.8	5,600
80	Stem Cell-like Glioma Cells Promote Tumor Angiogenesis through Vascular Endothelial Growth Factor. <i>Cancer Research</i> , 2006, 66, 7843-7848.	0.9	1,239
81	Errors in Surgical Neuropathology and the Influence of Cognitive Biases: The Psychology of Intelligence Analysis. <i>Archives of Pathology and Laboratory Medicine</i> , 2006, 130, 613-616.	2.5	12
82	Survival analysis of presumptive prognostic markers among oligodendrogliomas. <i>Cancer</i> , 2005, 104, 1693-1699.	4.1	47
83	Is the long-term survival of patients with intracranial glioblastoma multiforme overstated?. <i>Cancer</i> , 2003, 98, 1745-1748.	4.1	164
84	An anatomical investigation of the human cervical facet capsule, quantifying muscle insertion area. <i>Journal of Anatomy</i> , 2001, 198, 455-461.	1.5	54
85	Endodermal cyst of the oculomotor nerve. <i>Neuroradiology</i> , 2001, 43, 1063-1066.	2.2	36
86	CD34 and dural fibroblasts: the relationship to solitary fibrous tumor and meningioma. <i>Acta Neuropathologica</i> , 2001, 102, 349-354.	7.7	60
87	An anatomical investigation of the human cervical facet capsule, quantifying muscle insertion area. <i>Journal of Anatomy</i> , 2001, 198, 455-461.	1.5	20
88	HAM56-Immunoreactive Macrophages in Untreated Infiltrating Gliomas. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 637-641.	2.5	19
89	Pathologic Quiz Case: Pituitary Mass in a 48-Year-Old Woman. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 299-300.	2.5	4
90	Parasitic lesion of the insula suggesting cerebral sparganosis: case report. <i>Neuroradiology</i> , 2000, 42, 206-208.	2.2	24

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91	Glioma-associated Antigen Expression in Oligodendroglial Neoplasms: Tenascin and Epidermal Growth Factor Receptor. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 1103-1110.	2.5	56
92	Intrathecal busulfan treatment of human neoplastic meningitis in athymic nude rats. <i>Journal of Neuro-Oncology</i> , 1999, 44, 233-241.	2.9	18
93	Topotecan treatment of adults with primary malignant glioma. <i>Cancer</i> , 1999, 85, 1160-1165.	4.1	65
94	Fine-needle aspiration cytology of ?ancient? schwannoma. , 1999, 20, 307-311.		68
95	Ependymomas: MIB-1 proliferation index and survival. <i>Journal of Neuro-Oncology</i> , 1998, 40, 51-57.	2.9	54
96	Activity of high-dose cyclophosphamide in the treatment of childhood malignant gliomas. , 1998, 30, 75-80.		14
97	False positive images in the follow-up of patients with brain tumors. , 1997, 28, 127-131.		8
98	Implantation metastasis of primary malignant rhabdoid tumor of the brain in an adult (one case) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4		49
99	Treatment of patients with pineoblastoma with high dose cyclophosphamide. , 1996, 26, 387-392.		23
100	Successful treatment of childhood pilocytic astrocytomas metastatic to the leptomeninges with high-dose Cyclophosphamide. <i>Medical and Pediatric Oncology</i> , 1996, 27, 32-39.	1.0	45
101	Microsatellite analysis of childhood brain tumors. , 1996, 15, 54-63.		40
102	Microsatellite analysis of childhood brain tumors. <i>Genes Chromosomes and Cancer</i> , 1996, 15, 54-63.	2.8	3
103	Tumor antigens in astrocytic gliomas. <i>Glia</i> , 1995, 15, 244-256.	4.9	110
104	Prognostic implications of chromosome 17p deletions in human medulloblastomas. <i>Journal of Neuro-Oncology</i> , 1995, 24, 39-45.	2.9	123
105	Phase I studies of treatment of malignant gliomas and neoplastic meningitis with <sup>131</sup> I-radiolabeled monoclonal antibodies anti-tenascin 81C6 and anti-chondroitin proteoglycan sulfate Me1-14 F (ab?) <sub>2</sub> -a preliminary report. <i>Journal of Neuro-Oncology</i> , 1995, 24, 109-122.	2.9	125
106	Clinicopathologic correlations in the oligodendroglioma. <i>Cancer</i> , 1987, 59, 1345-1352.	4.1	137
107	Adult respiratory distress syndrome after limited thoracic radiotherapy. <i>Cancer</i> , 1986, 57, 1941-1946.	4.1	33