

Donald M O'rourke

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

10,384
citations

38742

50
h-index

36028

97
g-index

133
all docs

133
docs citations

133
times ranked

14151
citing authors

#	ARTICLE	IF	CITATIONS
1	IDH mutation impairs histone demethylation and results in a block to cell differentiation. <i>Nature</i> , 2012, 483, 474-478.	27.8	1,693
2	A single dose of peripherally infused EGFRvIII-directed CAR T cells mediates antigen loss and induces adaptive resistance in patients with recurrent glioblastoma. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	1,116
3	Rindopepimut with temozolomide for patients with newly diagnosed, EGFRvIII-expressing glioblastoma (ACT IV): a randomised, double-blind, international phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1373-1385.	10.7	776
4	A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. <i>Cell</i> , 2020, 180, 188-204.e22.	28.9	529
5	Imaging patterns predict patient survival and molecular subtype in glioblastoma via machine learning techniques. <i>Neuro-Oncology</i> , 2016, 18, 417-425.	1.2	243
6	Intraaxial Brain Masses: MR Imagingâ€‘based Diagnostic Strategyâ€‘Initial Experience. <i>Radiology</i> , 2007, 243, 539-550.	7.3	207
7	Sp1 Is Involved in Akt-mediated Induction of VEGF Expression through an HIF-1â€‘independent Mechanism. <i>Molecular Biology of the Cell</i> , 2004, 15, 4841-4853.	2.1	206
8	CAR T-cell therapy for glioblastoma: recent clinical advances and future challenges. <i>Neuro-Oncology</i> , 2018, 20, 1429-1438.	1.2	197
9	Vascular niche IL-6 induces alternative macrophage activation in glioblastoma through HIF-2Î±. <i>Nature Communications</i> , 2018, 9, 559.	12.8	176
10	Rationally designed anti-HER2/neu peptide mimetic disables P185HER2/neu tyrosine kinases in vitro and in vivo. <i>Nature Biotechnology</i> , 2000, 18, 194-198.	17.5	175
11	A Randomized Double-Blind Placebo-Controlled Phase II Trial of Dendritic Cell Vaccine ICT-107 in Newly Diagnosed Patients with Glioblastoma. <i>Clinical Cancer Research</i> , 2019, 25, 5799-5807.	7.0	166
12	Grading of CNS neoplasms using continuous arterial spin labeled perfusion MR imaging at 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 475-482.	3.4	156
13	The tyrosine phosphatase SHP-2 is required for mediating phosphatidylinositol 3-kinase/Akt activation by growth factors. <i>Oncogene</i> , 2001, 20, 6018-6025.	5.9	145
14	Epidermal Growth Factor Receptor Extracellular Domain Mutations in Glioblastoma Present Opportunities for Clinical Imaging and Therapeutic Development. <i>Cancer Cell</i> , 2018, 34, 163-177.e7.	16.8	145
15	Differentiation between glioblastomas and solitary brain metastases using diffusion tensor imaging. <i>NeuroImage</i> , 2009, 44, 653-660.	4.2	141
16	Radiomic MRI signature reveals three distinct subtypes of glioblastoma with different clinical and molecular characteristics, offering prognostic value beyond IDH1. <i>Scientific Reports</i> , 2018, 8, 5087.	3.3	124
17	Checkpoint Blockade Reverses Anergy in IL-13RÎ±2 Humanized scFv-Based CAR T Cells to Treat Murine and Canine Gliomas. <i>Molecular Therapy - Oncolytics</i> , 2018, 11, 20-38.	4.4	123
18	PTEN mutation and epidermal growth factor receptor activation regulate vascular endothelial growth factor (VEGF) mRNA expression in human glioblastoma cells by transactivating the proximal VEGF promoter. <i>Cancer Research</i> , 2003, 63, 236-41.	0.9	120

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19	Imaging Surrogates of Infiltration Obtained Via Multiparametric Imaging Pattern Analysis Predict Subsequent Location of Recurrence of Glioblastoma. <i>Neurosurgery</i> , 2016, 78, 572-580.	1.1	116
20	Immune landscapes associated with different glioblastoma molecular subtypes. <i>Acta Neuropathologica Communications</i> , 2019, 7, 203.	5.2	112
21	Constitutive EGFR signaling confers a motile phenotype to neural stem cells. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 1116-1130.	2.2	104
22	Activated EGFR signaling increases proliferation, survival, and migration and blocks neuronal differentiation in post-natal neural stem cells. <i>Journal of Neuro-Oncology</i> , 2010, 97, 323-337.	2.9	104
23	Rindopepimut with Bevacizumab for Patients with Relapsed EGFRvIII-Expressing Glioblastoma (ReACT): Results of a Double-Blind Randomized Phase II Trial. <i>Clinical Cancer Research</i> , 2020, 26, 1586-1594.	7.0	103
24	Expression of Oncogenic Epidermal Growth Factor Receptor Family Kinases Induces Paclitaxel Resistance and Alters β -Tubulin Isoform Expression. <i>Journal of Biological Chemistry</i> , 2000, 275, 17358-17363.	3.4	99
25	PDGF-mediated mesenchymal transformation renders endothelial resistance to anti-VEGF treatment in glioblastoma. <i>Nature Communications</i> , 2018, 9, 3439.	12.8	95
26	c-Met-mediated endothelial plasticity drives aberrant vascularization and chemoresistance in glioblastoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 1801-1814.	8.2	92
27	<i>In vivo</i> evaluation of EGFRvIII mutation in primary glioblastoma patients via complex multiparametric MRI signature. <i>Neuro-Oncology</i> , 2018, 20, 1068-1079.	1.2	90
28	Posttreatment Recurrence of Malignant Brain Neoplasm: Accuracy of Relative Cerebral Blood Volume Fraction in Discriminating Low from High Malignant Histologic Volume Fraction. <i>Radiology</i> , 2009, 250, 887-896.	7.3	86
29	Pattern Analysis of Dynamic Susceptibility Contrast-enhanced MR Imaging Demonstrates Peritumoral Tissue Heterogeneity. <i>Radiology</i> , 2014, 273, 502-510.	7.3	86
30	Wnt-mediated endothelial transformation into mesenchymal stem cell-like cells induces chemoresistance in glioblastoma. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	86
31	Clinical investigation of CAR T cells for solid tumors: Lessons learned and future directions. , 2020, 205, 107419.		81
32	<i>In Vivo</i> Detection of EGFRvIII in Glioblastoma via Perfusion Magnetic Resonance Imaging Signature Consistent with Deep Peritumoral Infiltration: The λ -Index. <i>Clinical Cancer Research</i> , 2017, 23, 4724-4734.	7.0	79
33	Circulating Glioma Cells Exhibit Stem Cell-like Properties. <i>Cancer Research</i> , 2018, 78, 6632-6642.	0.9	79
34	Autologous Heat Shock Protein Peptide Vaccination for Newly Diagnosed Glioblastoma: Impact of Peripheral PD-L1 Expression on Response to Therapy. <i>Clinical Cancer Research</i> , 2017, 23, 3575-3584.	7.0	78
35	Distinct Domains in the SHP-2 Phosphatase Differentially Regulate Epidermal Growth Factor Receptor/NF- κ B Activation through Gab1 in Glioblastoma Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 823-836.	2.3	68
36	Proton Magnetic Resonance Spectroscopy in Differentiating Glioblastomas From Primary Cerebral Lymphomas and Brain Metastases. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 836-841.	0.9	67

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37	Use of magnetic perfusion-weighted imaging to determine epidermal growth factor receptor variant III expression in glioblastoma. <i>Neuro-Oncology</i> , 2012, 14, 613-623.	1.2	66
38	Experimental Traumatic Brain Injury Modulates the Survival, Migration, and Terminal Phenotype of Transplanted Epidermal Growth Factor Receptor-activated Neural Stem Cells. <i>Neurosurgery</i> , 2005, 56, 163-171.	1.1	63
39	Clinical Utility of Plasma Cell-Free DNA in Adult Patients with Newly Diagnosed Glioblastoma: A Pilot Prospective Study. <i>Clinical Cancer Research</i> , 2020, 26, 397-407.	7.0	63
40	Prediction of oligodendroglial tumor subtype and grade using perfusion weighted magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2007, 107, 600-609.	1.6	63
41	Role of monocyte chemoattractant protein-1 (MCP-1/CCL2) in migration of neural progenitor cells toward glial tumors. <i>Journal of Neuroscience Research</i> , 2009, 87, 1547-1555.	2.9	61
42	Inhibition of EGFR-mediated phosphoinositide-3-OH kinase (PI3-K) signaling and glioblastoma phenotype by Signal-Regulatory Proteins (SIRPs). <i>Oncogene</i> , 2000, 19, 3999-4010.	5.9	60
43	Magnetic resonance perfusion-weighted imaging defines angiogenic subtypes of oligodendroglioma according to 1p19q and EGFR status. <i>Journal of Neuro-Oncology</i> , 2009, 92, 373-386.	2.9	60
44	Primary Cell Culture of Live Neurosurgically Resected Aged Adult Human Brain Cells and Single Cell Transcriptomics. <i>Cell Reports</i> , 2017, 18, 791-803.	6.4	60
45	Histopathology-validated machine learning radiographic biomarker for noninvasive discrimination between true progression and pseudo-progression in glioblastoma. <i>Cancer</i> , 2020, 126, 2625-2636.	4.1	60
46	Neural Stem Cell Biology May Be Well Suited for Improving Brain Tumor Therapies. <i>Cancer Journal (Sudbury, Mass)</i> , 2003, 9, 189-204.	2.0	58
47	Isoform-level gene signature improves prognostic stratification and accurately classifies glioblastoma subtypes. <i>Nucleic Acids Research</i> , 2014, 42, e64-e64.	14.5	57
48	Mitogenic Signaling Cascades in Glial Tumors. <i>Neurosurgery</i> , 2003, 52, 1425-1435.	1.1	56
49	Targeting PAK4 to reprogram the vascular microenvironment and improve CAR-T immunotherapy for glioblastoma. <i>Nature Cancer</i> , 2021, 2, 83-97.	13.2	56
50	Clinically silent somatotroph adenomas are common. <i>European Journal of Endocrinology</i> , 2011, 165, 39-44.	3.7	55
51	Inhibition of a naturally occurring EGFR oncoprotein by the p185neu ectodomain: implications for subdomain contributions to receptor assembly. <i>Oncogene</i> , 1998, 16, 1197-1207.	5.9	52
52	Receptor Tyrosine Kinase Signaling In Gliomagenesis: Pathobiology And Therapeutic Approaches. <i>Cancer Biology and Therapy</i> , 2003, 2, 330-342.	3.4	51
53	Population-based MRI atlases of spatial distribution are specific to patient and tumor characteristics in glioblastoma. <i>NeuroImage: Clinical</i> , 2016, 12, 34-40.	2.7	49
54	Pervasive within-Mitochondrion Single-Nucleotide Variant Heteroplasmy as Revealed by Single-Mitochondrion Sequencing. <i>Cell Reports</i> , 2017, 21, 2706-2713.	6.4	48

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55	SHP-2-Dependent Mitogen-Activated Protein Kinase Activation Regulates EGFRvIII but not Wild-Type Epidermal Growth Factor Receptor Phosphorylation and Glioblastoma Cell Survival. <i>Cancer Research</i> , 2004, 64, 8292-8298.	0.9	42
56	The protein tyrosine phosphatase SHP-2 is required for EGFRvIII oncogenic transformation in human glioblastoma cells. <i>Experimental Cell Research</i> , 2009, 315, 2343-2357.	2.6	42
57	Automated Tumor Volumetry Using Computer-Aided Image Segmentation. <i>Academic Radiology</i> , 2015, 22, 653-661.	2.5	39
58	Clinical activity of the <i>EGFR</i> tyrosine kinase inhibitor osimertinib in <i>EGFR</i> -mutant glioblastoma. <i>CNS Oncology</i> , 2019, 8, CNS43.	3.0	38
59	Three-dimensional echo planar spectroscopic imaging for differentiation of true progression from pseudoprogression in patients with glioblastoma. <i>NMR in Biomedicine</i> , 2019, 32, e4042.	2.8	38
60	Transcriptome signatures associated with meningioma progression. <i>Acta Neuropathologica Communications</i> , 2019, 7, 67.	5.2	36
61	Sustained Mitogen-Activated Protein Kinase Activation Is Induced by Transforming erbB Receptor Complexes. <i>DNA and Cell Biology</i> , 1999, 18, 731-741.	1.9	35
62	Symptomatic Lateral Ventricular Ependymal Cysts: Criteria for Distinguishing These Rare Cysts from Other Symptomatic Cysts of the Ventricles: Case Report. <i>Neurosurgery</i> , 2000, 46, 1229-1233.	1.1	35
63	Case Report: Prolonged Survival Following EGFRvIII CAR T Cell Treatment for Recurrent Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 669071.	2.8	34
64	Dominant Negative Form of Signal-regulatory Protein-1 (SIRP1/SHP-1) Inhibits Tumor Necrosis Factor-mediated Apoptosis by Activation of NF- κ B. <i>Journal of Biological Chemistry</i> , 2003, 278, 3809-3815.	3.4	32
65	Locally secreted BiTEs complement CAR T cells by enhancing killing of antigen heterogeneous solid tumors. <i>Molecular Therapy</i> , 2022, 30, 2537-2553.	8.2	32
66	Mechanisms of resistance to CAR T cell therapies. <i>Seminars in Cancer Biology</i> , 2020, 65, 91-98.	9.6	31
67	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. <i>Neuro-Oncology</i> , 2020, 22, 886-888.	1.2	31
68	Role of Proton Magnetic Resonance Spectroscopy in Differentiating Oligodendrogliomas from Astrocytomas. <i>Journal of Neuroimaging</i> , 2010, 20, 3-8.	2.0	30
69	Domain-specific Interactions between the p185 and Epidermal Growth Factor Receptor Kinases Determine Differential Signaling Outcomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 574-583.	3.4	29
70	Sprouty2 Drives Drug Resistance and Proliferation in Glioblastoma. <i>Molecular Cancer Research</i> , 2015, 13, 1227-1237.	3.4	29
71	SHP2 regulates proliferation and tumorigenicity of glioma stem cells. <i>Journal of Neuro-Oncology</i> , 2017, 135, 487-496.	2.9	29
72	Gene silencing for epidermal growth factor receptor variant III induces cell-specific cytotoxicity. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3586-3597.	4.1	28

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73	Multiparametric magnetic resonance imaging in the assessment of anti-EGFRvIII chimeric antigen receptor T cell therapy in patients with recurrent glioblastoma. <i>British Journal of Cancer</i> , 2019, 120, 54-56.	6.4	27
74	Potential of Glioblastoma-Targeted Chimeric Antigen Receptor (CAR) T-Cell Therapy. <i>CNS Drugs</i> , 2020, 34, 127-145.	5.9	26
75	Cancer Imaging Phenomics via CaPTk: Multi-Institutional Prediction of Progression-Free Survival and Pattern of Recurrence in Glioblastoma. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 234-244.	2.1	26
76	Relationship of p215BRCA1 to tyrosine kinase signaling pathways and the cell cycle in normal and transformed cells. <i>Oncogene</i> , 1997, 14, 2863-2869.	5.9	25
77	Actinomycotic brain infection: registered diffusion, perfusion MR imaging and MR spectroscopy. <i>Neuroradiology</i> , 2006, 48, 346-350.	2.2	25
78	Absence of autophosphorylation site Y882 in the p185neu oncogene product correlates with a reduction of transforming potential. <i>Oncogene</i> , 1998, 16, 2835-2842.	5.9	24
79	Treatment of steroid refractory, Gamma Knife related radiation necrosis with bevacizumab: Case report and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 798-802.	1.4	21
80	Molecular Neuropathology in Practice: Clinical Profiling and Integrative Analysis of Molecular Alterations in Glioblastoma. <i>Academic Pathology</i> , 2019, 6, 2374289519848353.	1.1	21
81	Factors Associated with Increased Survival after Surgical Resection of Glioblastoma in Octogenarians. <i>PLoS ONE</i> , 2015, 10, e0127202.	2.5	20
82	Clinical measures, radiomics, and genomics offer synergistic value in AI-based prediction of overall survival in patients with glioblastoma. <i>Scientific Reports</i> , 2022, 12, .	3.3	20
83	Intracranial control after Cyberknife radiosurgery to the resection bed for large brain metastases. <i>Radiation Oncology</i> , 2015, 10, 221.	2.7	19
84	The LACE+ index fails to predict 30-90 day readmission for supratentorial craniotomy patients: A retrospective series of 238 surgical procedures. <i>Clinical Neurology and Neurosurgery</i> , 2019, 182, 79-83.	1.4	17
85	Differentiation of brain infection from necrotic glioblastoma using combined analysis of diffusion and perfusion MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 184-194.	3.4	17
86	The application of 5-bromodeoxyuridine in the management of CNS tumors. <i>Journal of Neuro-Oncology</i> , 1994, 20, 81-95.	2.9	16
87	The Ability of Protein Tyrosine Phosphatase SHP-1 to Suppress NF κ B Can Be Inhibited by Dominant Negative Mutant of SIRP α . <i>DNA and Cell Biology</i> , 2004, 23, 175-182.	1.9	16
88	LACE+ Index as Predictor of 30-Day Readmission in Brain Tumor Population. <i>World Neurosurgery</i> , 2019, 127, e443-e448.	1.3	16
89	Detection of occult neoplastic infiltration in the corpus callosum and prediction of overall survival in patients with glioblastoma using diffusion tensor imaging. <i>European Journal of Radiology</i> , 2019, 112, 106-111.	2.6	16
90	Association of dynamic susceptibility contrast enhanced MR Perfusion parameters with prognosis in elderly patients with glioblastomas. <i>European Radiology</i> , 2015, 25, 2738-2744.	4.5	15

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91	Histopathologic quantification of viable tumor versus treatment effect in surgically resected recurrent glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 421-429.	2.9	15
92	Imaging and histopathologic correlates of plasma cell-free DNA concentration and circulating tumor DNA in adult patients with newly diagnosed glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa016.	0.7	15
93	Risk of intracranial hemorrhage with direct oral anticoagulants vs low molecular weight heparin in glioblastoma: A retrospective cohort study. <i>Neuro-Oncology</i> , 2022, 24, 2172-2179.	1.2	15
94	Anticancer effects of fenretinide in human medulloblastoma. <i>Cancer Letters</i> , 2006, 231, 262-269.	7.2	14
95	¹⁸ F-Fluciclovine PET to distinguish treatment-related effects from disease progression in recurrent glioblastoma: PET fusion with MRI guides neurosurgical sampling. <i>Neuro-Oncology Practice</i> , 2020, 7, 152-157.	1.6	14
96	High-Affinity Chimeric Antigen Receptor With Cross-Reactive scFv to Clinically Relevant EGFR Oncogenic Isoforms. <i>Frontiers in Oncology</i> , 2021, 11, 664236.	2.8	14
97	Resident training in neurosurgical oncology: results of the survey of North American training programs by the AANS/CNS Section on Tumors. <i>Journal of Neuro-Oncology</i> , 2006, 77, 241-246.	2.9	13
98	Multi-institutional noninvasive in vivo characterization of IDH, 1p/19q, and EGFRvIII in glioma using neuro-Cancer Imaging Phenomics Toolkit (neuro-CaPTk). <i>Neuro-Oncology Advances</i> , 2020, 2, iv22-iv34.	0.7	12
99	EGFR inhibition in glioblastoma cells induces G2/M arrest and is independent of p53. <i>Cancer Biology and Therapy</i> , 2007, 6, 571-579.	3.4	10
100	Novel risk scores for survival and intracranial failure in patients treated with radiosurgery alone to melanoma brain metastases. <i>Radiation Oncology</i> , 2015, 10, 248.	2.7	10
101	Arterial Spin Labeling and Dynamic Susceptibility Contrast-enhanced MR Imaging for evaluation of arteriovenous shunting and tumor hypoxia in glioblastoma. <i>Scientific Reports</i> , 2019, 9, 8747.	3.3	10
102	Quantification of tumor microenvironment acidity in glioblastoma using principal component analysis of dynamic susceptibility contrast enhanced MR imaging. <i>Scientific Reports</i> , 2021, 11, 15011.	3.3	10
103	Association of plasma cell-free DNA with survival in patients with IDH wild-type glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab011.	0.7	10
104	Engineering Chimeric Antigen Receptor T cells to Treat Glioblastoma. <i>The Journal of Targeted Therapies in Cancer</i> , 2017, 6, 22-25.	2.0	10
105	PD1 Expression in EGFRvIII-Directed CAR T Cell Infusion Product for Glioblastoma Is Associated with Clinical Response. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	10
106	Glioblastoma: The Current State of Biology and Therapeutic Strategies. <i>Cancer Research</i> , 2022, 82, 769-772.	0.9	9
107	Immunologic Features in De Novo and Recurrent Glioblastoma Are Associated with Survival Outcomes. <i>Cancer Immunology Research</i> , 2022, 10, 800-810.	3.4	9
108	Transcriptional Regulation of Signal Regulatory Protein 1 Inhibitory Receptors by Epidermal Growth Factor Receptor Signaling. <i>Cancer Research</i> , 2004, 64, 6444-6452.	0.9	7

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109	Negative prognostic impact of epidermal growth factor receptor copy number gain in young adults with isocitrate dehydrogenase wild-type glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 145, 321-328.	2.9	7
110	Molecular and Clinical Characterization of UBE2S in Glioma as a Biomarker for Poor Prognosis and Resistance to Chemo-Radiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 640910.	2.8	7
111	Enhancing CAR T function with the engineered secretion of C.Âperfringens neuraminidase. <i>Molecular Therapy</i> , 2022, 30, 1201-1214.	8.2	7
112	Identification of pl85^{neu} Sequences Required for Monoclonal Antibody- or Ligand-Mediated Receptor Signal Attenuation. <i>DNA and Cell Biology</i> , 1997, 16, 1395-1405.	1.9	6
113	An additive score optimized by a genetic learning algorithm predicts readmission risk after glioblastoma resection. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 1-5.	1.5	6
114	Type V Dural Arteriovenous Fistula Supplied by the Artery of Wollschlaeger and Wollschlaeger Causing Cervical Myelopathy and Quadriparesis. <i>World Neurosurgery</i> , 2020, 137, 55-61.	1.3	6
115	Evaluating the Association Between the Extent of Resection and Survival in Gliosarcoma. <i>Cureus</i> , 2019, 11, e4374.	0.5	6
116	NIMG-05IDENTIFICATION OF IMAGING SIGNATURES OF THE EPIDERMAL GROWTH FACTOR RECEPTOR VARIANT III (EGFRvIII) IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, v154.1-v154.	1.2	5
117	Go, no-go decision making for phase 3 clinical trials: ACT IV revisited â€œ Authors' reply. <i>Lancet Oncology</i> , The, 2017, 18, e709-e710.	10.7	5
118	Multivariate Analysis of Preoperative Magnetic Resonance Imaging Reveals Transcriptomic Classification of de novo Glioblastoma Patients. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 81.	2.1	5
119	Rapid and ultrasensitive digital PCR (dPCR) profiling of EGFRvIII in tumor cells and tissues. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz030.	0.7	5
120	RNA-seq for identification of therapeutically targetable determinants of immune activation in human glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 95-102.	2.9	5
121	A dual-genotype oligoastrocytoma with histologic, molecular, radiological and time-course features. <i>Acta Neuropathologica Communications</i> , 2020, 8, 115.	5.2	5
122	Immunotherapy and Response Assessment in Malignant Glioma. <i>Topics in Magnetic Resonance Imaging</i> , 2020, 29, 95-102.	1.2	5
123	Reversion of the ErbB malignant phenotype and the DNA damage response. <i>Experimental and Molecular Pathology</i> , 2012, 93, 324-333.	2.1	4
124	Assignment Confidence in Localization of the Hand Motor Cortex: Comparison of Structural Imaging With Functional MRI. <i>American Journal of Roentgenology</i> , 2016, 207, 1263-1270.	2.2	3
125	CAR T Cells. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 249-263.	1.7	3
126	Identification of a 140 kDa protein of rat presynaptic terminal membranes encompassing the active zones. <i>Brain Research</i> , 1995, 700, 261-270.	2.2	2

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127	MR susceptibility imaging for detection of tumor-associated macrophages in glioblastoma. Journal of Neuro-Oncology, 2022, 156, 645-653.	2.9	2
128	General Principles of Immunotherapy for Glioblastoma. , 2016, , 237-246.		1
129	Use of targeted next generation sequencing (NGS) to assess mutational load in glioblastoma (GBM).. Journal of Clinical Oncology, 2017, 35, 2027-2027.	1.6	1
130	Risk of intracranial hemorrhage with direct oral anticoagulants versus low molecular weight heparin in glioblastoma: A retrospective cohort study.. Journal of Clinical Oncology, 2022, 40, 2015-2015.	1.6	1
131	Abstract 2203: Identifying the transcriptomic signatures of mutational heterogeneity in GBM using single cell genomics. , 2021, , .		0