

# Andrew E Sloan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104  
papers

7,107  
citations

40  
h-index

83  
g-index

108  
ext. papers

8,861  
ext. citations

6.5  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
104	Treating Recurrent Brain Metastases Using GammaTile Brachytherapy: A Case Report and Dosimetric Modeling Method. <i>Cureus</i> , <b>2021</b> , 13, e19232	1.2	0
103	Using chimeric antigen receptor T-cell therapy to fight glioblastoma multiforme: past, present and future developments. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 156, 81	4.8	5
102	Healthy myeloid-derived suppressor cells express the surface ectoenzyme Vanin-2 (VNN2).. <i>Molecular Immunology</i> , <b>2021</b> , 142, 1-10	4.3	0
101	Three-dimensional organoid culture unveils resistance to clinical therapies in adult and pediatric glioblastoma. <i>Translational Oncology</i> , <b>2021</b> , 15, 101251	4.9	4
100	Radiation Necrosis from Stereotactic Radiosurgery-How Do We Mitigate?. <i>Current Treatment Options in Oncology</i> , <b>2021</b> , 22, 57	5.4	6
99	A Phase II and Pharmacodynamic Trial of RO4929097 for Patients With Recurrent/Progressive Glioblastoma. <i>Neurosurgery</i> , <b>2021</b> , 88, 246-251	3.2	7
98	Radiomic analysis of magnetic resonance fingerprinting in adult brain tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 683-693	8.8	11
97	Laser interstitial thermotherapy (LITT) for the treatment of tumors of the brain and spine: a brief review. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 151, 429-442	4.8	10
96	Guidelines in the management of CNS tumors. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 151, 345-359	4.8	6
95	Impact of race on care, readmissions, and survival for patients with glioblastoma: an analysis of the National Cancer Database. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, vdab040	0.9	1
94	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , <b>2020</b> , 86, 538-547	3.2	24
93	Dual Role of WISP1 in maintaining glioma stem cells and tumor-supportive macrophages in glioblastoma. <i>Nature Communications</i> , <b>2020</b> , 11, 3015	17.4	34
92	Cancer Imaging Phenomics via CaPTk: Multi-Institutional Prediction of Progression-Free Survival and Pattern of Recurrence in Glioblastoma. <i>JCO Clinical Cancer Informatics</i> , <b>2020</b> , 4, 234-244	5.2	12
91	Treatment and surgical factors associated with longer-term glioblastoma survival: a National Cancer Database study. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, 1-10	0.9	11
90	Protein sumoylation with SUMO1 promoted by Pin1 in glioma stem cells augments glioblastoma malignancy. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 1809-1821	1	6
89	Association of Maximal Extent of Resection of Contrast-Enhanced and Non-Contrast-Enhanced Tumor With Survival Within Molecular Subgroups of Patients With Newly Diagnosed Glioblastoma. <i>JAMA Oncology</i> , <b>2020</b> , 6, 495-503	13.4	139
88	Laser Ablation of Abnormal Neurological Tissue Using Robotic NeuroBlate System (LAANTERN): 12-Month Outcomes and Quality of Life After Brain Tumor Ablation. <i>Neurosurgery</i> , <b>2020</b> , 87, E338-E346	3.2	20

87	SATB2 drives glioblastoma growth by recruiting CBP to promote FOXM1 expression in glioma stem cells. <i>EMBO Molecular Medicine</i> , <b>2020</b> , 12, e12291	12	12
86	Disparities in the use of stereotactic radiosurgery for the treatment of lung cancer brain metastases: a SEER-Medicare study. <i>Clinical and Experimental Metastasis</i> , <b>2020</b> , 37, 85-93	4.7	3
85	Generation of Glioblastoma Patient-Derived Intracranial Xenografts for Preclinical Studies. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
84	Proteins inform survival-based differences in patients with glioblastoma. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, vdaa039	0.9	3
83	A Liquid Biopsy to Assess Brain Tumor Recurrence: Presence of Circulating Mo-MDSC and CD14+ VNN2+ Myeloid Cells as Biomarkers That Distinguish Brain Metastasis From Radiation Necrosis Following Stereotactic Radiosurgery. <i>Neurosurgery</i> , <b>2020</b> , 88, E67-E72	3.2	4
82	An independently validated survival nomogram for lower-grade glioma. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 665-674	4.4	46
81	Morbidity and Mortality After Burr Hole Craniostomy Versus Craniotomy for Chronic Subdural Hematoma Evacuation: A Single-Center Experience. <i>World Neurosurgery</i> , <b>2020</b> , 134, e196-e203	2.1	8
80	Association of metabolic syndrome with glioblastoma: a retrospective cohort study and review. <i>Neuro-Oncology Practice</i> , <b>2020</b> , 7, 541-548	2.2	4
79	A PTPmu Biomarker is Associated with Increased Survival in Gliomas. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
78	Stereotactic Laser Ablation as Treatment of Brain Metastases Recurring after Stereotactic Radiosurgery: A Systematic Literature Review. <i>World Neurosurgery</i> , <b>2019</b> , 128, 134-142	2.1	27
77	Glioma Stem Cell-Specific Superenhancer Promotes Polyunsaturated Fatty-Acid Synthesis to Support EGFR Signaling. <i>Cancer Discovery</i> , <b>2019</b> , 9, 1248-1267	24.4	60
76	Sex is an important prognostic factor for glioblastoma but not for nonglioblastoma. <i>Neuro-Oncology Practice</i> , <b>2019</b> , 6, 451-462	2.2	17
75	Lifetime Occurrence of Brain Metastases Arising from Lung, Breast, and Skin Cancers in the Elderly: A SEER-Medicare Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 917-925	4	16
74	Racial/ethnic differences in survival for patients with gliosarcoma: an analysis of the National cancer database. <i>Journal of Neuro-Oncology</i> , <b>2019</b> , 143, 349-357	4.8	4
73	Plant Virus-Like Particle In Situ Vaccine for Intracranial Glioma Immunotherapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	29
72	Survival in Patients with High-Grade Spinal Meningioma: An Analysis of the National Cancer Database. <i>World Neurosurgery</i> , <b>2019</b> , 129, e749-e753	2.1	3
71	An independently validated nomogram for isocitrate dehydrogenase-wild-type glioblastoma patient survival. <i>Neuro-Oncology Advances</i> , <b>2019</b> , 1, vdz007	0.9	17
70	Association of cancer center type with treatment patterns and overall survival for patients with sacral and spinal chordomas: an analysis of the National Cancer Database from 2004 to 2015. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 32, 311-320	2.8	5

69	EPID-04. ASSOCIATION BETWEEN URBANICITY AND SURGICAL TREATMENT AMONG PATIENTS WITH PRIMARY GLIOBLASTOMA IN THE UNITED STATES. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi75-vi75	1	78
68	TMOD-34. A RADIOMIC SIGNATURE OF INFILTRATION IN PERITUMORAL EDEMA PREDICTS SUBSEQUENT RECURRENCE IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi270-vi270	1	78
67	STEM-10. BIDIRECTIONAL INTERACTION BETWEEN TUMOR-ASSOCIATED PLATELETS AND GLIOMA STEM CELLS IN GLIOBLASTOMA MULTIFORME. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi235-vi236	1	78
66	STEM-26. ALTERED LIPID METABOLISM MARKS GLIOBLASTOMA STEM AND NON-STEM CELLS IN SEPARATE TUMOR NICHES. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi239-vi239	1	78
65	Bevacizumab for the treatment of non-small cell lung cancer patients with synchronous brain metastases. <i>Scientific Reports</i> , <b>2019</b> , 9, 17792	4.9	9
64	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , <b>2019</b> , 576, 112-120	50.4	151
63	Flow Cytometry-based Drug Screening System for the Identification of Small Molecules That Promote Cellular Differentiation of Glioblastoma Stem Cells. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	3
62	A novel use of the NeuroBlate SideFire probe for minimally invasive disconnection of a hypothalamic hamartoma in a child with gelastic seizures. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2018</b> , 21, 302-307	2.1	9
61	Role of FDG-PET/MRI, FDG-PET/CT, and Dynamic Susceptibility Contrast Perfusion MRI in Differentiating Radiation Necrosis from Tumor Recurrence in Glioblastomas. <i>Journal of Neuroimaging</i> , <b>2018</b> , 28, 118-125	2.8	25
60	Laser-Induced Interstitial Thermotherapy of Gliomas. <i>Progress in Neurological Surgery</i> , <b>2018</b> , 32, 14-26	1.4	10
59	First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 142	8.5	219
58	Patterns of Clinical Use of Stereotactic Laser Ablation: Analysis of a Multicenter Prospective Registry. <i>World Neurosurgery</i> , <b>2018</b> , 116, e566-e570	2.1	24
57	Bayesian estimation of multicomponent relaxation parameters in magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 80, 159-170	4.4	32
56	CMET-41. LIFETIME LUNG, BREAST, AND SKIN CANCER BRAIN METASTASES INCIDENCE: A REPRODUCIBLE SEER-MEDICARE STUDY. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi62-vi62	1	78
55	N-methyladenine DNA Modification in Glioblastoma. <i>Cell</i> , <b>2018</b> , 175, 1228-1243.e20	56.2	153
54	An IDH1-mutated primary gliosarcoma: case report. <i>Journal of Neurosurgery</i> , <b>2017</b> , 126, 476-480	3.2	4
53	Immunotherapy for malignant primary brain tumors with ICT-107, a dendritic cell vaccine. <i>Expert Opinion on Orphan Drugs</i> , <b>2017</b> , 5, 85-89	1.1	
52	Deubiquitinase USP13 maintains glioblastoma stem cells by antagonizing FBXL14-mediated Myc ubiquitination. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 245-267	16.6	78

51	MR Fingerprinting of Adult Brain Tumors: Initial Experience. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 492-499	4.4	90
50	Targeting glioma stem cells through combined BMI1 and EZH2 inhibition. <i>Nature Medicine</i> , <b>2017</b> , 23, 1352-1361	50.5	190
49	Brain tumor biobanking in the precision medicine era: building a high-quality resource for translational research in neuro-oncology. <i>Neuro-Oncology Practice</i> , <b>2017</b> , 4, 220-228	2.2	2
48	NIMG-15. VOLUMETRIC 3D MR FINGERPRINTING OF ADULT BRAIN TUMORS: INITIAL RESULTS. <i>Neuro-Oncology</i> , <b>2017</b> , 19, vi145-vi145	1	78
47	The ratio of HLA-DR and VNN2 expression on CD14 myeloid derived suppressor cells can distinguish glioblastoma from radiation necrosis patients. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 134, 189-196	4.8	11
46	An independently validated nomogram for individualized estimation of survival among patients with newly diagnosed glioblastoma: NRG Oncology RTOG 0525 and 0825. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 669-677	1	74
45	Computer-Extracted Texture Features to Distinguish Cerebral Radionecrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Study. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 2231-2236	4.4	70
44	Monteris AXiiiS Stereotactic Miniframe for Intracranial Biopsy: Precision, Feasibility, and Ease of Use. <i>Operative Neurosurgery</i> , <b>2016</b> , 12, 119-127	1.6	4
43	Comparison of Ray Tracing and Monte Carlo Calculation Algorithms for Thoracic Spine Lesions Treated With CyberKnife-Based Stereotactic Body Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , <b>2016</b> , 15, 196-202	2.7	12
42	A Three-Dimensional Organoid Culture System Derived from Human Glioblastomas Recapitulates the Hypoxic Gradients and Cancer Stem Cell Heterogeneity of Tumors Found In Vivo. <i>Cancer Research</i> , <b>2016</b> , 76, 2465-77	10.1	291
41	Fluorescent-Guided Surgical Resection of Glioma with Targeted Molecular Imaging Agents: A Literature Review. <i>World Neurosurgery</i> , <b>2016</b> , 90, 154-163	2.1	25
40	Pharmacological Targeting of the Histone Chaperone Complex FACT Preferentially Eliminates Glioblastoma Stem Cells and Prolongs Survival in Preclinical Models. <i>Cancer Research</i> , <b>2016</b> , 76, 2432-42	10.1	45
39	Comparative Brain and Central Nervous System Tumor Incidence and Survival between the United States and Taiwan Based on Population-Based Registry. <i>Frontiers in Public Health</i> , <b>2016</b> , 4, 151	6	28
38	Introduction: Laser ablation techniques. <i>Neurosurgical Focus</i> , <b>2016</b> , 41, E1	4.2	6
37	Laser interstitial thermal therapy followed by minimal-access transsulcal resection for the treatment of large and difficult to access brain tumors. <i>Neurosurgical Focus</i> , <b>2016</b> , 41, E14	4.2	35
36	Stereotactic laser ablation as treatment for brain metastases that recur after stereotactic radiosurgery: a multiinstitutional experience. <i>Neurosurgical Focus</i> , <b>2016</b> , 41, E11	4.2	48
35	ACR Appropriateness Criteria□ Metastatic Epidural Spinal Cord Compression and Recurrent Spinal Metastasis. <i>Journal of Palliative Medicine</i> , <b>2015</b> , 18, 573-84	2.2	31
34	Single versus multiple session stereotactic body radiotherapy for spinal metastasis: the risk-benefit ratio. <i>Future Oncology</i> , <b>2015</b> , 11, 2405-15	3.6	19

33	The role of emerging therapy in the management of patients with diffuse low grade glioma. <i>Journal of Neuro-Oncology</i> , <b>2015</b> , 125, 631-5	4.8	9
32	STEM-03ATRACURIUM BESYLATE AND OTHER NEUROMUSCULAR BLOCKING AGENTS PROMOTE ASTROGLIAL DIFFERENTIATION AND DEplete GLIOBLASTOMA STEM CELLS. <i>Neuro-Oncology</i> , <b>2015</b> , 17, v208.3-v208	1	78
31	Extracranial metastasis of glioblastoma: Three illustrative cases and current review of the molecular pathology and management strategies. <i>Molecular and Clinical Oncology</i> , <b>2015</b> , 3, 479-486	1.6	41
30	ATCT-28THE MODIFIED ATKINS DIET IN RECURRENT GLIOMA: A RETROSPECTIVE REVIEW. <i>Neuro-Oncology</i> , <b>2015</b> , 17, v7.4-v7	1	1
29	International Differences in Treatment and Clinical Outcomes for High Grade Glioma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129602	3.7	7
28	Whole genome sequence analysis links chromothripsis to EGFR, MDM2, MDM4, and CDK4 amplification in glioblastoma. <i>Oncoscience</i> , <b>2015</b> , 2, 618-28	0.8	35
27	Heroin inhalation complicated by refractory hydrocephalus: A novel presentation. <i>Neurology</i> , <b>2015</b> , 84, 2093-5	6.5	5
26	Whole-genome and multisector exome sequencing of primary and post-treatment glioblastoma reveals patterns of tumor evolution. <i>Genome Research</i> , <b>2015</b> , 25, 316-27	9.7	240
25	Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 170-82	23.4	490
24	Stereotactic radiosurgery for more than four brain metastases. <i>Lancet Oncology, The</i> , <b>2014</b> , 15, 362-3	21.7	2
23	The zinc finger transcription factor ZFX is required for maintaining the tumorigenic potential of glioblastoma stem cells. <i>Stem Cells</i> , <b>2014</b> , 32, 2033-47	5.8	33
22	High-throughput flow cytometry screening reveals a role for junctional adhesion molecule a as a cancer stem cell maintenance factor. <i>Cell Reports</i> , <b>2014</b> , 6, 117-29	10.6	61
21	Genome-wide methylation analyses in glioblastoma multiforme. <i>PLoS ONE</i> , <b>2014</b> , 9, e89376	3.7	32
20	NI-07MAGNETIC RESONANCE FINGERPRINTING OF BRAIN TUMORS: INITIAL CLINICAL RESULTS. <i>Neuro-Oncology</i> , <b>2014</b> , 16, v139-v139	1	1
19	Establishing a process of irradiating small animal brain using a CyberKnife and a microCT scanner. <i>Medical Physics</i> , <b>2014</b> , 41, 021715	4.4	7
18	Molecular subtypes of glioblastoma are relevant to lower grade glioma. <i>PLoS ONE</i> , <b>2014</b> , 9, e91216	3.7	67
17	Risk of subsequent cancer following a primary CNS tumor. <i>Journal of Neuro-Oncology</i> , <b>2013</b> , 112, 285-95	4.8	15
16	Glioblastoma stem cells generate vascular pericytes to support vessel function and tumor growth. <i>Cell</i> , <b>2013</b> , 153, 139-52	56.2	572

15	Results of the NeuroBlate System first-in-humans Phase I clinical trial for recurrent glioblastoma: clinical article. <i>Journal of Neurosurgery</i> , <b>2013</b> , 118, 1202-19	3.2	166
14	Convection-enhanced delivery of 131I-chTNT-1/B mAB for treatment of high-grade adult gliomas. <i>Expert Opinion on Biological Therapy</i> , <b>2011</b> , 11, 799-806	5.4	20
13	Nonreceptor tyrosine kinase BMX maintains self-renewal and tumorigenic potential of glioblastoma stem cells by activating STAT3. <i>Cancer Cell</i> , <b>2011</b> , 19, 498-511	24.3	200
12	Immunosuppression in patients with high-grade gliomas treated with radiation and temozolomide. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 5473-80	12.9	333
11	A novel molecular diagnostic of glioblastomas: detection of an extracellular fragment of protein tyrosine phosphatase mu. <i>Neoplasia</i> , <b>2010</b> , 12, 305-16	6.4	33
10	Extended transoral approaches: surgical technique and analysis. <i>Neurosurgery</i> , <b>2010</b> , 66, 126-34	3.2	43
9	PTPmu suppresses glioma cell migration and dispersal. <i>Neuro-Oncology</i> , <b>2009</b> , 11, 767-78	1	45
8	Proteolytic cleavage of protein tyrosine phosphatase mu regulates glioblastoma cell migration. <i>Cancer Research</i> , <b>2009</b> , 69, 6960-8	10.1	52
7	Diagnosis and treatment of melanoma brain metastasis: a literature review. <i>Cancer Control</i> , <b>2009</b> , 16, 248-55	2.2	111
6	Patterns of care and outcomes among elderly individuals with primary malignant astrocytoma. <i>Journal of Neurosurgery</i> , <b>2008</b> , 108, 642-8	3.2	110
5	Early necrosis following concurrent Temodar and radiotherapy in patients with glioblastoma. <i>Journal of Neuro-Oncology</i> , <b>2007</b> , 82, 81-3	4.8	275
4	Racial/ethnic differences in survival among elderly patients with a primary glioblastoma. <i>Journal of Neuro-Oncology</i> , <b>2007</b> , 85, 171-80	4.8	62
3	Incidence proportions of brain metastases in patients diagnosed (1973 to 2001) in the Metropolitan Detroit Cancer Surveillance System. <i>Journal of Clinical Oncology</i> , <b>2004</b> , 22, 2865-72	2.2	1093
2	Relative survival rates and patterns of diagnosis analyzed by time period for individuals with primary malignant brain tumor, 1973-1997. <i>Journal of Neurosurgery</i> , <b>2003</b> , 99, 458-66	3.2	67
1	Racial differences in survival after diagnosis with primary malignant brain tumor. <i>Cancer</i> , <b>2003</b> , 98, 603-96.4		63