

Andrew E Sloan

List of Publications by Year in descending order

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107
papers

9,506
citations

70961

41
h-index

39575

94
g-index

108
all docs

108
docs citations

108
times ranked

14199
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence Proportions of Brain Metastases in Patients Diagnosed (1973 to 2001) in the Metropolitan Detroit Cancer Surveillance System. <i>Journal of Clinical Oncology</i> , 2004, 22, 2865-2872.	0.8	1,418
2	Glioblastoma Stem Cells Generate Vascular Pericytes to Support Vessel Function and Tumor Growth. <i>Cell</i> , 2013, 153, 139-152.	13.5	729
3	Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth. <i>Nature Cell Biology</i> , 2015, 17, 170-182.	4.6	716
4	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.	0.4	453
5	Immunosuppression in Patients with High-Grade Gliomas Treated with Radiation and Temozolomide. <i>Clinical Cancer Research</i> , 2011, 17, 5473-5480.	3.2	440
6	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> , 2018, 16, 142.	1.8	376
7	Whole-genome and multisector exome sequencing of primary and post-treatment glioblastoma reveals patterns of tumor evolution. <i>Genome Research</i> , 2015, 25, 316-327.	2.4	343
8	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> , 2020, 6, 495.	3.4	325
9	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019, 576, 112-120.	13.7	320
10	Early necrosis following concurrent Temodar and radiotherapy in patients with glioblastoma. <i>Journal of Neuro-Oncology</i> , 2007, 82, 81-83.	1.4	316
11	Targeting glioma stem cells through combined BMI1 and EZH2 inhibition. <i>Nature Medicine</i> , 2017, 23, 1352-1361.	15.2	279
12	N-methyladenine DNA Modification in Glioblastoma. <i>Cell</i> , 2018, 175, 1228-1243.e20.	13.5	236
13	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.	7.7	233
14	Results of the NeuroBlate System first-in-humans Phase I clinical trial for recurrent glioblastoma. <i>Journal of Neurosurgery</i> , 2013, 118, 1202-1219.	0.9	202
15	MR Fingerprinting of Adult Brain Tumors: Initial Experience. <i>American Journal of Neuroradiology</i> , 2017, 38, 492-499.	1.2	133
16	Diagnosis and Treatment of mela-noma Brain Metastasis: A Literature Review. <i>Cancer Control</i> , 2009, 16, 248-255.	0.7	130
17	Deubiquitinase USP13 maintains glioblastoma stem cells by antagonizing FBXL14-mediated Myc ubiquitination. <i>Journal of Experimental Medicine</i> , 2017, 214, 245-267.	4.2	123
18	An independently validated survival nomogram for lower-grade glioma. <i>Neuro-Oncology</i> , 2020, 22, 665-674.	0.6	123

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19	Patterns of care and outcomes among elderly individuals with primary malignant astrocytoma. <i>Journal of Neurosurgery</i> , 2008, 108, 642-648.	0.9	122
20	Glioma Stem Cell-Specific Superenhancer Promotes Polyunsaturated Fatty-Acid Synthesis to Support EGFR Signaling. <i>Cancer Discovery</i> , 2019, 9, 1248-1267.	7.7	120
21	Dual Role of WISP1 in maintaining glioma stem cells and tumor-supportive macrophages in glioblastoma. <i>Nature Communications</i> , 2020, 11, 3015.	5.8	111
22	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> , 2017, 19, now208.	0.6	109
23	Computer-Extracted Texture Features to Distinguish Cerebral Radionecrosis from Recurrent Brain Tumors on Multiparametric MRI: A Feasibility Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 2231-2236.	1.2	95
24	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> , 2003, 99, 458-466.	0.9	76
25	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.	2.9	76
26	Molecular Subtypes of Glioblastoma Are Relevant to Lower Grade Glioma. <i>PLoS ONE</i> , 2014, 9, e91216.	1.1	76
27	Racial differences in survival after diagnosis with primary malignant brain tumor. <i>Cancer</i> , 2003, 98, 603-609.	2.0	74
28	Racial/ethnic differences in survival among elderly patients with a primary glioblastoma. <i>Journal of Neuro-Oncology</i> , 2007, 85, 171-80.	1.4	71
29	Proteolytic Cleavage of Protein Tyrosine Phosphatase $\frac{1}{4}$ Regulates Glioblastoma Cell Migration. <i>Cancer Research</i> , 2009, 69, 6960-6968.	0.4	64
30	Pharmacological Targeting of the Histone Chaperone Complex FACT Preferentially Eliminates Glioblastoma Stem Cells and Prolongs Survival in Preclinical Models. <i>Cancer Research</i> , 2016, 76, 2432-2442.	0.4	62
31	Treatment and surgical factors associated with longer-term glioblastoma survival: a National Cancer Database study. <i>Neuro-Oncology Advances</i> , 2020, 2, 1-10.	0.4	62
32	Stereotactic laser ablation as treatment for brain metastases that recur after stereotactic radiosurgery: a multiinstitutional experience. <i>Neurosurgical Focus</i> , 2016, 41, E11.	1.0	59
33	Extracranial metastasis of glioblastoma: Three illustrative cases and current review of the molecular pathology and management strategies. <i>Molecular and Clinical Oncology</i> , 2015, 3, 479-486.	0.4	55
34	Plant Virus-Like Particle In Situ Vaccine for Intracranial Glioma Immunotherapy. <i>Cancers</i> , 2019, 11, 515.	1.7	55
35	PTP $\frac{1}{4}$ suppresses glioma cell migration and dispersal. <i>Neuro-Oncology</i> , 2009, 11, 767-778.	0.6	52
36	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.	1.4	47

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37	Role of FDGâ€PET/MRI, FDGâ€PET/CT, and Dynamic Susceptibility Contrast Perfusion MRI in Differentiating Radiation Necrosis from Tumor Recurrence in Glioblastomas. <i>Journal of Neuroimaging</i> , 2018, 28, 118-125.	1.0	46
38	Genome-Wide Methylation Analyses in Glioblastoma Multiforme. <i>PLoS ONE</i> , 2014, 9, e89376.	1.1	45
39	Whole genome sequence analysis links chromothripsis to EGFR, MDM2, MDM4, and CDK4 amplification in glioblastoma. <i>Oncoscience</i> , 2015, 2, 618-628.	0.9	45
40	Extended Transoral Approaches. <i>Neurosurgery</i> , 2010, 66, A126-A134.	0.6	44
41	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> , 2016, 41, E14.	1.0	44
42	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> , 2020, 87, E338-E346.	0.6	43
43	Stereotactic Laser Ablation as Treatment of Brain Metastases Recurring after Stereotactic Radiosurgery: A Systematic Literature Review. <i>World Neurosurgery</i> , 2019, 128, 134-142.	0.7	42
44	ACR Appropriateness Criteria [®] Metastatic Epidural Spinal Cord Compression and Recurrent Spinal Metastasis. <i>Journal of Palliative Medicine</i> , 2015, 18, 573-584.	0.6	40
45	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> , 2016, 4, 151.	1.3	40
46	Bayesian estimation of multicomponent relaxation parameters in magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 159-170.	1.9	40
47	An independently validated nomogram for isocitrate dehydrogenase-wild-type glioblastoma patient survival. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz007.	0.4	40
48	A Novel Molecular Diagnostic of Glioblastomas: Detection of an Extracellular Fragment of Protein Tyrosine Phosphatase 1 β . <i>Neoplasia</i> , 2010, 12, 305-IN2.	2.3	39
49	Laser interstitial thermotherapy (LITT) for the treatment of tumors of the brain and spine: a brief review. <i>Journal of Neuro-Oncology</i> , 2021, 151, 429-442.	1.4	37
50	Sex is an important prognostic factor for glioblastoma but not for nonglioblastoma. <i>Neuro-Oncology Practice</i> , 2019, 6, 451-462.	1.0	36
51	SATB2 drives glioblastoma growth by recruiting CBP to promote FOXM1 expression in glioma stem cells. <i>EMBO Molecular Medicine</i> , 2020, 12, e12291.	3.3	35
52	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020, 86, 538-547.	0.6	34
53	Patterns of Clinical Use of Stereotactic Laser Ablation: Analysis of a Multicenter Prospective Registry. <i>World Neurosurgery</i> , 2018, 116, e566-e570.	0.7	33
54	Fluorescent-Guided Surgical Resection of Glioma with Targeted Molecular Imaging Agents: A Literature Review. <i>World Neurosurgery</i> , 2016, 90, 154-163.	0.7	31

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55	Radiomic analysis of magnetic resonance fingerprinting in adult brain tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 683-693.	3.3	31
56	Three-dimensional organoid culture unveils resistance to clinical therapies in adult and pediatric glioblastoma. <i>Translational Oncology</i> , 2022, 15, 101251.	1.7	27
57	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.	1.0	26
58	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> , 2019, 28, 917-925.	1.1	23
59	Risk of subsequent cancer following a primary CNS tumor. <i>Journal of Neuro-Oncology</i> , 2013, 112, 285-295.	1.4	21
60	Convection-enhanced delivery of ¹³¹ I-chTNT-1/B mAB for treatment of high-grade adult gliomas. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 799-806.	1.4	20
61	Single versus multiple session stereotactic body radiotherapy for spinal metastasis: the risk-benefit ratio. <i>Future Oncology</i> , 2015, 11, 2405-2415.	1.1	20
62	Radiation Necrosis from Stereotactic Radiosurgery—How Do We Mitigate?. <i>Current Treatment Options in Oncology</i> , 2021, 22, 57.	1.3	19
63	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> , 2016, 15, 196-202.	0.8	18
64	Protein sumoylation with SUMO1 promoted by Pin1 in glioma stem cells augments glioblastoma malignancy. <i>Neuro-Oncology</i> , 2020, 22, 1809-1821.	0.6	18
65	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> , 2017, 134, 189-196.	1.4	18
66	A Phase II and Pharmacodynamic Trial of RO4929097 for Patients With Recurrent/Progressive Glioblastoma. <i>Neurosurgery</i> , 2021, 88, 246-251.	0.6	16
67	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> , 2020, 32, 311-320.	0.9	15
68	Morbidity and Mortality After Burr Hole Craniostomy Versus Craniotomy for Chronic Subdural Hematoma Evacuation: A Single-Center Experience. <i>World Neurosurgery</i> , 2020, 134, e196-e203.	0.7	14
69	Laser-Induced Interstitial Thermotherapy of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 32, 14-26.	1.3	13
70	Bevacizumab for the treatment of non-small cell lung cancer patients with synchronous brain metastases. <i>Scientific Reports</i> , 2019, 9, 17792.	1.6	13
71	Generation of Glioblastoma Patient-Derived Intracranial Xenografts for Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5113.	1.8	12
72	Establishing a process of irradiating small animal brain using a CyberKnife and a microCT scanner. <i>Medical Physics</i> , 2014, 41, 021715.	1.6	11

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73	International Differences in Treatment and Clinical Outcomes for High Grade Glioma. PLoS ONE, 2015, 10, e0129602.	1.1	11
74	A novel use of the NeuroBlate SideFire probe for minimally invasive disconnection of a hypothalamic hamartoma in a child with gelastic seizures. Journal of Neurosurgery: Pediatrics, 2018, 21, 302-307.	0.8	11
75	Guidelines in the management of CNS tumors. Journal of Neuro-Oncology, 2021, 151, 345-359.	1.4	10
76	The role of emerging therapy in the management of patients with diffuse low grade glioma. Journal of Neuro-Oncology, 2015, 125, 631-635.	1.4	9
77	Survival in Patients with High-Grade Spinal Meningioma: An Analysis of the National Cancer Database. World Neurosurgery, 2019, 129, e749-e753.	0.7	9
78	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. Neurosurgery, 2020, 88, E67-E72.	0.6	9
79	Using chimeric antigen receptor T-cell therapy to fight glioblastoma multiforme: past, present and future developments. Journal of Neuro-Oncology, 2022, 156, 81-96.	1.4	9
80	Detection of tumor-specific DNA methylation markers in the blood of patients with pituitary neuroendocrine tumors. Neuro-Oncology, 2022, 24, 1126-1139.	0.6	9
81	Introduction: Laser ablation techniques. Neurosurgical Focus, 2016, 41, E1.	1.0	7
82	Disparities in the use of stereotactic radiosurgery for the treatment of lung cancer brain metastases: a SEER-Medicare study. Clinical and Experimental Metastasis, 2020, 37, 85-93.	1.7	7
83	Impact of race on care, readmissions, and survival for patients with glioblastoma: an analysis of the National Cancer Database. Neuro-Oncology Advances, 2021, 3, vdab040.	0.4	7
84	Monteris AXiiiS Stereotactic Miniframe for Intracranial Biopsy. Operative Neurosurgery, 2016, 12, 119-127.	0.4	6
85	Racial/ethnic differences in survival for patients with gliosarcoma: an analysis of the National cancer database. Journal of Neuro-Oncology, 2019, 143, 349-357.	1.4	6
86	Heroin inhalation complicated by refractory hydrocephalus: A novel presentation. Neurology, 2015, 84, 2093-2095.	1.5	5
87	An IDH1-mutated primary gliosarcoma: case report. Journal of Neurosurgery, 2017, 126, 476-480.	0.9	5
88	Brain tumor biobanking in the precision medicine era: building a high-quality resource for translational research in neuro-oncology. Neuro-Oncology Practice, 2017, 4, 220-228.	1.0	5
89	Association of metabolic syndrome with glioblastoma: a retrospective cohort study and review. Neuro-Oncology Practice, 2020, 7, 541-548.	1.0	5
90	Flow Cytometry-based Drug Screening System for the Identification of Small Molecules That Promote Cellular Differentiation of Glioblastoma Stem Cells. Journal of Visualized Experiments, 2018, , .	0.2	4

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91	A PTPmu Biomarker is Associated with Increased Survival in Gliomas. International Journal of Molecular Sciences, 2019, 20, 2372.	1.8	4
92	Healthy myeloid-derived suppressor cells express the surface ectoenzyme Vanin-2 (VNN2). Molecular Immunology, 2022, 142, 1-10.	1.0	4
93	Editorial: Glioblastoma in the elderly. Journal of Neurosurgery, 2012, 116, 355-356.	0.9	3
94	Stereotactic radiosurgery for more than four brain metastases. Lancet Oncology, The, 2014, 15, 362-363.	5.1	3
95	Proteins inform survival-based differences in patients with glioblastoma. Neuro-Oncology Advances, 2020, 2, vdaa039.	0.4	3
96	ATCT-28THE MODIFIED ATKINS DIET IN RECURRENT GLIOMA: A RETROSPECTIVE REVIEW. Neuro-Oncology, 2015, 17, v7.4-v7.	0.6	2
97	Modeling the growth dynamics of glioblastoma using magnetic resonance imaging. Neuro-Oncology, 2015, 17, 1307-1308.	0.6	2
98	Treating Recurrent Brain Metastases Using GammaTile Brachytherapy: A Case Report and Dosimetric Modeling Method. Cureus, 2021, 13, e19232.	0.2	2
99	NI-07 * MAGNETIC RESONANCE FINGERPRINTING OF BRAIN TUMORS: INITIAL CLINICAL RESULTS. Neuro-Oncology, 2014, 16, v139-v139.	0.6	1
100	NIMG-15. VOLUMETRIC 3D MR FINGERPRINTING OF ADULT BRAIN TUMORS: INITIAL RESULTS. Neuro-Oncology, 2017, 19, vi145-vi145.	0.6	1
101	STEM-03ATRACURIUM BESYLATE AND OTHER NEUROMUSCULAR BLOCKING AGENTS PROMOTE ASTROGLIAL DIFFERENTIATION AND DEplete GLIOBLASTOMA STEM CELLS. Neuro-Oncology, 2015, 17, v208.3-v208.	0.6	0
102	Immunotherapy for malignant primary brain tumors with ICT-107, a dendritic cell vaccine. Expert Opinion on Orphan Drugs, 2017, 5, 85-89.	0.5	0
103	CMET-41. LIFETIME LUNG, BREAST, AND SKIN CANCER BRAIN METASTASES INCIDENCE: A REPRODUCIBLE SEER-MEDICARE STUDY. Neuro-Oncology, 2018, 20, vi62-vi62.	0.6	0
104	EPID-04. ASSOCIATION BETWEEN URBANICITY AND SURGICAL TREATMENT AMONG PATIENTS WITH PRIMARY GLIOBLASTOMA IN THE UNITED STATES. Neuro-Oncology, 2019, 21, vi75-vi75.	0.6	0
105	TMOD-34. A RADIOMIC SIGNATURE OF INFILTRATION IN PERITUMORAL EDEMA PREDICTS SUBSEQUENT RECURRENCE IN GLIOBLASTOMA. Neuro-Oncology, 2019, 21, vi270-vi270.	0.6	0
106	STEM-10. BIDIRECTIONAL INTERACTION BETWEEN TUMOR-ASSOCIATED PLATELETS AND GLIOMA STEM CELLS IN GLIOBLASTOMA MULTIFORME. Neuro-Oncology, 2019, 21, vi235-vi236.	0.6	0
107	STEM-26. ALTERED LIPID METABOLISM MARKS GLIOBLASTOMA STEM AND NON-STEM CELLS IN SEPARATE TUMOR NICHES. Neuro-Oncology, 2019, 21, vi239-vi239.	0.6	0