

Albert H Kim

List of Publications by Year in descending order

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113
papers

6,682
citations

87888

38
h-index

69250

77
g-index

117
all docs

117
docs citations

117
times ranked

11041
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Genomic and Immunologic Diversity of Malignant Brain Tumors through Multisector Analysis. <i>Cancer Discovery</i> , 2022, 12, 154-171.	9.4	34
2	Multivariate analysis of associations between clinical sequencing and outcome in glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac002.	0.7	3
3	Prolonged response of recurrent IDH-wild-type glioblastoma to laser interstitial thermal therapy with pembrolizumab. <i>CNS Oncology</i> , 2022, , CNS81.	3.0	8
4	Identification and Management of Aggressive Meningiomas. <i>Frontiers in Oncology</i> , 2022, 12, 851758.	2.8	10
5	Efficacy of laser interstitial thermal therapy (LITT) for newly diagnosed and recurrent <i>IDH</i> wild-type glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	14
6	Laser Interstitial Thermal Therapy in Grade 2/3 IDH1/2 Mutant Gliomas: A Preliminary Report and Literature Review. <i>Current Oncology</i> , 2022, 29, 2550-2563.	2.2	3
7	Single-cell profiling of human dura and meningioma reveals cellular meningeal landscape and insights into meningioma immune response. <i>Genome Medicine</i> , 2022, 14, 49.	8.2	37
8	CDC20 regulates sensitivity to chemotherapy and radiation in glioblastoma stem cells. <i>PLoS ONE</i> , 2022, 17, e0270251.	2.5	2
9	Impact of Intraoperative Magnetic Resonance Imaging and Other Factors on Surgical Outcomes for Newly Diagnosed Grade II Astrocytomas and Oligodendrogliomas: A Multicenter Study. <i>Neurosurgery</i> , 2021, 88, 63-73.	1.1	15
10	Using Histopathology to Assess the Reliability of Intraoperative Magnetic Resonance Imaging in Guiding Additional Brain Tumor Resection: A Multicenter Study. <i>Neurosurgery</i> , 2021, 88, E49-E59.	1.1	8
11	Commentary: Adjuvant Radiotherapy Versus Watchful Waiting for World Health Organization Grade II Atypical Meningioma: A Single-Institution Experience. <i>Neurosurgery</i> , 2021, 88, E443-E444.	1.1	2
12	Long, Noncoding RNA Dysregulation in Glioblastoma. <i>Cancers</i> , 2021, 13, 1604.	3.7	18
13	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	16.8	327
14	Re-evaluating Biopsy for Recurrent Glioblastoma: A Position Statement by the Christopher Davidson Forum Investigators. <i>Neurosurgery</i> , 2021, 89, 129-132.	1.1	5
15	Early Moderate Fluid Restriction and the Risk of Delayed Hyponatremia Following Transsphenoidal Surgery. <i>Journal of the Endocrine Society</i> , 2021, 5, A627-A627.	0.2	1
16	In Reply: Commentary: Adjuvant Radiotherapy Versus Watchful Waiting for World Health Organization Grade II Atypical Meningioma: A Single-Institution Experience. <i>Neurosurgery</i> , 2021, 89, E176-E177.	1.1	0
17	<i>MAPT</i> R406W increases tau T217 phosphorylation in absence of amyloid pathology. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1817-1830.	3.7	11
18	Internal dose escalation associated with increased local control for melanoma brain metastases treated with stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2021, 135, 855-861.	1.6	4

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19	Epigenetic regulation in Huntington's disease. <i>Neurochemistry International</i> , 2021, 148, 105074.	3.8	14
20	Defining phenotypic and functional heterogeneity of glioblastoma stem cells by mass cytometry. <i>JCI Insight</i> , 2021, 6, .	5.0	10
21	Salvage therapies for radiation-relapsed isocitrate dehydrogenase-mutant astrocytoma and 1p/19q codeleted oligodendroglioma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab081.	0.7	1
22	BRAF mutations may identify a clinically distinct subset of glioblastoma. <i>Scientific Reports</i> , 2021, 11, 19999.	3.3	15
23	Clinical Staging to Estimate the Probability of Severe Postoperative Complications in Patients With Vestibular Schwannoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 991.	2.2	3
24	Competitive binding of E3 ligases TRIM26 and WWP2 controls SOX2 in glioblastoma. <i>Nature Communications</i> , 2021, 12, 6321.	12.8	16
25	A phase II study of laser interstitial thermal therapy combined with doxorubicin in patients with recurrent glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab164.	0.7	11
26	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020, 86, 538-547.	1.1	34
27	A Multi-Institutional Analysis of Factors Influencing Surgical Outcomes for Patients with Newly Diagnosed Grade I Gliomas. <i>World Neurosurgery</i> , 2020, 135, e754-e764.	1.3	14
28	Prognostic impact of CDKN2A/B deletion, TERT mutation, and EGFR amplification on histological and molecular IDH-wildtype glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa126.	0.7	27
29	Therapeutic enhancement of blood-brain and blood-tumor barriers permeability by laser interstitial thermal therapy. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa071.	0.7	29
30	Diffusion Histology Imaging Combining Diffusion Basis Spectrum Imaging (DBSI) and Machine Learning Improves Detection and Classification of Glioblastoma Pathology. <i>Clinical Cancer Research</i> , 2020, 26, 5388-5399.	7.0	18
31	The effect of thermal therapy on the blood-brain barrier and blood-tumor barrier. <i>International Journal of Hyperthermia</i> , 2020, 37, 35-43.	2.5	31
32	Axis-specific analysis and predictors of endocrine recovery and deficits for non-functioning pituitary adenomas undergoing endoscopic transsphenoidal surgery. <i>Pituitary</i> , 2020, 23, 389-399.	2.9	11
33	GATA2 Regulates Constitutive PD-L1 and PD-L2 Expression in Brain Tumors. <i>Scientific Reports</i> , 2020, 10, 9027.	3.3	20
34	TERT, a promoter of CNS malignancies. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa025.	0.7	22
35	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.	1.1	43
36	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020, 181, 236-249.	28.9	334

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37	Intraoperative MRI for newly diagnosed supratentorial glioblastoma: a multicenter-registry comparative study to conventional surgery. <i>Journal of Neurosurgery</i> , 2020, , 1-10.	1.6	20
38	Laser Interstitial Thermal Therapy. <i>Missouri Medicine</i> , 2020, 117, 50-55.	0.3	2
39	Glioblastoma Treated With Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy: Safety, Efficacy, and Outcomes. <i>Neurosurgery</i> , 2019, 84, 836-843.	1.1	95
40	In Reply: Withholding Perioperative Steroids in Patients Undergoing Transsphenoidal Resection for Pituitary Disease: Randomized Prospective Clinical Trial to Assess Safety. <i>Neurosurgery</i> , 2019, 85, E162-E162.	1.1	1
41	The lomustine crisis: awareness and impact of the 1500% price hike. <i>Neuro-Oncology</i> , 2019, 21, 1-3.	1.2	76
42	Sex differences in GBM revealed by analysis of patient imaging, transcriptome, and survival data. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	230
43	Upfront Magnetic Resonance Imaging-Guided Stereotactic Laser-Ablation in Newly Diagnosed Glioblastoma: A Multicenter Review of Survival Outcomes Compared to a Matched Cohort of Biopsy-Only Patients. <i>Neurosurgery</i> , 2019, 85, 762-772.	1.1	52
44	Withholding Perioperative Steroids in Patients Undergoing Transsphenoidal Resection for Pituitary Disease: Randomized Prospective Clinical Trial to Assess Safety. <i>Neurosurgery</i> , 2019, 85, E226-E232.	1.1	20
45	The impact of systemic precision medicine and immunotherapy treatments on brain metastases. <i>Oncotarget</i> , 2019, 10, 6739-6753.	1.8	13
46	Advancing the Quality of Care for Newly Diagnosed Prostate Cancer Patients: Novel Uses of Patient-Reported Outcomes. <i>Annals of Surgical Oncology</i> , 2018, 25, 1475-1477.	1.5	0
47	Establishing Primary Human Glioblastoma Adherent Cultures from Operative Specimens. <i>Methods in Molecular Biology</i> , 2018, 1741, 53-62.	0.9	4
48	Final results of a phase I dose-escalation, dose-expansion study of adding disulfiram with or without copper to adjuvant temozolomide for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 105-111.	2.9	35
49	Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy for Glioblastoma of the Corpus Callosum. <i>Neurosurgery</i> , 2018, 83, 556-565.	1.1	32
50	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. <i>Cell</i> , 2018, 172, 534-548.e19.	28.9	197
51	Biological and therapeutic implications of multisector sequencing in newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 472-483.	1.2	42
52	Internal dose escalation is associated with increased local control for non-small cell lung cancer (NSCLC) brain metastases treated with stereotactic radiosurgery (SRS). <i>Advances in Radiation Oncology</i> , 2018, 3, 146-153.	1.2	22
53	Stem nourished by branches: glioblastomas co-opt classic neurotrophic factor signaling to maintain stem-like cell pool. <i>Stem Cell Investigation</i> , 2018, 5, 22-22.	3.0	2
54	Management of Intracranial Metastatic Disease With Laser Interstitial Thermal Therapy. <i>Frontiers in Oncology</i> , 2018, 8, 499.	2.8	37

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55	Analysis of point mutations and copy number variation in Grade II and III meningioma. <i>Experimental and Molecular Pathology</i> , 2018, 105, 328-333.	2.1	18
56	Stereotactic radiosurgery and immunotherapy in melanoma brain metastases: Patterns of care and treatment outcomes. <i>Radiotherapy and Oncology</i> , 2018, 128, 266-273.	0.6	48
57	Radiologic Response and Disease Control of Recurrent Intracranial Meningiomas Treated With Reirradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 194-203.	0.8	14
58	The role of Twist1 in mutant huntingtin-induced transcriptional alterations and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2018, 293, 11850-11866.	3.4	15
59	Patterns of care and treatment outcomes of patients with Craniopharyngioma in the national cancer database. <i>Journal of Neuro-Oncology</i> , 2017, 132, 109-117.	2.9	27
60	Teaching Neuro Images : Cerebral amyloid angiopathy-related inflammation presenting with isolated leptomeningitis. <i>Neurology</i> , 2017, 89, e66-e67.	1.1	7
61	A Single-Center Cost Analysis of Treating Primary and Metastatic Brain Cancers with Either Brain Laser Interstitial Thermal Therapy (LITT) or Craniotomy. <i>Pharmacoeconomics - Open</i> , 2017, 1, 53-63.	1.8	23
62	MRI-Guided Interstitial Laser Ablation for Intracranial Lesions: A Large Single-Institution Experience of 133 Cases. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 417-428.	1.5	63
63	Management of Elderly Patients with Glioblastoma after CE.6. <i>Frontiers in Oncology</i> , 2017, 7, 196.	2.8	2
64	Meeting update—Society for Neuro-Oncology 2016 annual meeting. <i>Neuro-Oncology</i> , 2017, 19, 150-152.	1.2	0
65	Transorbital intracranial penetrating trauma with carotid artery injury: a multidisciplinary approach to management. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 89-91.	0.6	1
66	Radiation Therapy for Residual or Recurrent Atypical Meningioma. <i>Neurosurgery</i> , 2016, 79, 23-32.	1.1	30
67	Inhibition of DNA Methyltransferases Blocks Mutant Huntingtin-Induced Neurotoxicity. <i>Scientific Reports</i> , 2016, 6, 31022.	3.3	28
68	An NAD ⁺ -dependent transcriptional program governs self-renewal and radiation resistance in glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8247-E8256.	7.1	101
69	The CDC20-APC/SOX2 signaling axis: An achilles' heel for glioblastoma. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1075644.	0.7	5
70	Endovascular management of internal carotid artery injuries secondary to endonasal surgery: case series and review of the literature. <i>Journal of Neurosurgery</i> , 2016, 125, 1256-1276.	1.6	78
71	Bioresorbable silicon electronic sensors for the brain. <i>Nature</i> , 2016, 530, 71-76.	27.8	778
72	A phase I study to repurpose disulfiram in combination with temozolomide to treat newly diagnosed glioblastoma after chemoradiotherapy. <i>Journal of Neuro-Oncology</i> , 2016, 128, 259-266.	2.9	53

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73	High incidence of TERT mutation in brain tumor cell lines. Brain Tumor Pathology, 2016, 33, 222-227.	1.7	26
74	Hyperthermic Laser Ablation of Recurrent Glioblastoma Leads to Temporary Disruption of the Peritumoral Blood Brain Barrier. PLoS ONE, 2016, 11, e0148613.	2.5	146
75	The ATF6 pathway of the ER stress response contributes to enhanced viability in glioblastoma. Oncotarget, 2016, 7, 2080-2092.	1.8	86
76	Simpson Grade I-III Resection of Spinal Atypical (World Health Organization Grade II) Meningiomas is Associated With Symptom Resolution and Low Recurrence. Neurosurgery, 2015, 76, 739-746.	1.1	36
77	Impact of 1p/19q Codeletion and Histology on Outcomes of Anaplastic Gliomas Treated With Radiation Therapy and Temozolomide. International Journal of Radiation Oncology Biology Physics, 2015, 91, 268-276.	0.8	31
78	A CDC20-APC/SOX2 Signaling Axis Regulates Human Glioblastoma Stem-like Cells. Cell Reports, 2015, 11, 1809-1821.	6.4	82
79	Clinical and Dosimetric Predictors of Acute Severe Lymphopenia During Radiation Therapy and Concurrent Temozolomide for High-Grade Glioma. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1000-1007.	0.8	80
80	Transient pupillary dilation following local papaverine application in intracranial aneurysm surgery. Journal of Clinical Neuroscience, 2015, 22, 676-679.	1.5	6
81	Combined high-field intraoperative magnetic resonance imaging and endoscopy increase extent of resection and progression-free survival for pituitary adenomas. Pituitary, 2015, 18, 72-85.	2.9	60
82	Novel chemical library screen identifies naturally occurring plant products that specifically disrupt glioblastoma-endothelial cell interactions. Oncotarget, 2015, 6, 18282-18292.	1.8	14
83	Stereotactic laser ablation of high-grade gliomas. Neurosurgical Focus, 2014, 37, E1.	2.3	104
84	Recurrence after gross-total resection of low-grade pediatric brain tumors: the frequency and timing of postoperative imaging. Journal of Neurosurgery: Pediatrics, 2014, 14, 356-364.	1.3	27
85	Molecular and cellular heterogeneity: the hallmark of glioblastoma. Neurosurgical Focus, 2014, 37, E11.	2.3	147
86	Management of Atypical Cranial Meningiomas, Part 1. Neurosurgery, 2014, 75, 347-355.	1.1	112
87	Management of Atypical Cranial Meningiomas, Part 2. Neurosurgery, 2014, 75, 356-363.	1.1	77
88	Codeletions at 1p and 19q predict a lower risk of pseudoprogression in oligodendrogliomas and mixed oligoastrocytomas. Neuro-Oncology, 2014, 16, 123-130.	1.2	23
89	Radiation Therapy Dose Escalation for Glioblastoma Multiforme in the Era of Temozolomide. International Journal of Radiation Oncology Biology Physics, 2014, 90, 877-885.	0.8	49
90	Predictors of Individual Tumor Local Control After Stereotactic Radiosurgery for Non-Small Cell Lung Cancer Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2014, 90, 407-413.	0.8	27

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91	Inhibition of mitochondrial protein import by mutant huntingtin. <i>Nature Neuroscience</i> , 2014, 17, 822-831.	14.8	184
92	The Comprehensive Neuro-Oncology Data Repository (CONDR). <i>Neurosurgery</i> , 2014, 74, 88-98.	1.1	8
93	PDE7B Is a Novel, Prognostically Significant Mediator of Glioblastoma Growth Whose Expression Is Regulated by Endothelial Cells. <i>PLoS ONE</i> , 2014, 9, e107397.	2.5	22
94	The management of skull base tumors. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 105, 657-664.	1.8	1
95	Angiogram-Negative Subarachnoid Hemorrhage: Relationship Between Bleeding Pattern and Clinical Outcome. <i>Neurocritical Care</i> , 2012, 16, 389-398.	2.4	62
96	A CaMKII β signaling pathway at the centrosome regulates dendrite patterning in the brain. <i>Nature Neuroscience</i> , 2011, 14, 973-983.	14.8	72
97	Features of the lumbar spine on magnetic resonance images following sectioning of filum terminale. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 384-389.	1.3	14
98	A TRPC5-regulated calcium signaling pathway controls dendrite patterning in the mammalian brain. <i>Genes and Development</i> , 2011, 25, 2659-2673.	5.9	60
99	The dynamic ubiquitin ligase duo: Cdh1-APC and Cdc20-APC regulate neuronal morphogenesis and connectivity. <i>Current Opinion in Neurobiology</i> , 2010, 20, 92-99.	4.2	58
100	An old dog learns new tricks: A novel function for Cdc20-APC in dendrite morphogenesis in neurons. <i>Cell Cycle</i> , 2010, 9, 482-485.	2.6	11
101	Composite ganglioneuroma-paraganglioma of the filum terminale. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 709-713.	1.7	23
102	A Cdc20-APC Ubiquitin Signaling Pathway Regulates Presynaptic Differentiation. <i>Science</i> , 2009, 326, 575-578.	12.6	107
103	A Centrosomal Cdc20-APC Pathway Controls Dendrite Morphogenesis in Postmitotic Neurons. <i>Cell</i> , 2009, 136, 322-336.	28.9	177
104	CDK1-FOXO1: A mitotic signal takes center stage in post-mitotic neurons. <i>Cell Cycle</i> , 2008, 7, 3819-3822.	2.6	13
105	THE DEVELOPMENT OF RING-SHAPED CONTRAST ENHANCEMENT IN A CASE OF CEREBELLAR DYSEMBRYOPLASTIC NEUROEPITHELIAL TUMOR. <i>Neurosurgery</i> , 2008, 63, E609-E610.	1.1	6
106	Thinking within the D box: Initial identification of Cdh1-APC substrates in the nervous system. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 281-287.	2.2	44
107	JNK-interacting Protein 1 Promotes Akt1 Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 29830-29836.	3.4	56
108	Activation of Trk Neurotrophin Receptor Signaling by Pituitary Adenylate Cyclase-activating Polypeptides. <i>Journal of Biological Chemistry</i> , 2002, 277, 9096-9102.	3.4	178

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109	Akt1 Regulates a JNK Scaffold during Excitotoxic Apoptosis. Neuron, 2002, 35, 697-709.	8.1	191
110	Characterization of the mu rhythm during rapid eye movement sleep. Clinical Neurophysiology, 2001, 112, 528-531.	1.5	15
111	The uniqueness of being a neurotrophin receptor. Current Opinion in Neurobiology, 2001, 11, 281-286.	4.2	179
112	Akt Phosphorylates and Negatively Regulates Apoptosis Signal-Regulating Kinase 1. Molecular and Cellular Biology, 2001, 21, 893-901.	2.3	648
113	L-type Ca ²⁺ channel-mediated Zn ²⁺ toxicity and modulation by ZnT-1 in PC12 cells ¹¹ Published on the World Wide Web on 12 October 2000.. Brain Research, 2000, 886, 99-107.	2.2	93