

# Albert H Kim

## List of Publications by Year in descending order

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113  
papers

6,682  
citations

87723

38  
h-index

69108

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.	7.7	34
2	Multivariate analysis of associations between clinical sequencing and outcome in glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac002.	0.4	3
3	Prolonged response of recurrent IDH-wild-type glioblastoma to laser interstitial thermal therapy with pembrolizumab. <i>CNS Oncology</i> , 2022, , CNS81.	1.2	8
4	Identification and Management of Aggressive Meningiomas. <i>Frontiers in Oncology</i> , 2022, 12, 851758.	1.3	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, .	0.4	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.	0.9	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.	3.6	37
8	CDC20 regulates sensitivity to chemotherapy and radiation in glioblastoma stem cells. <i>PLoS ONE</i> , 2022, 17, e0270251.	1.1	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.	0.6	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.	0.6	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.	0.6	2
12	Long, Noncoding RNA Dysregulation in Glioblastoma. <i>Cancers</i> , 2021, 13, 1604.	1.7	18
13	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	7.7	327
14	Re-evaluating Biopsy for Recurrent Glioblastoma: A Position Statement by the Christopher Davidson Forum Investigators. <i>Neurosurgery</i> , 2021, 89, 129-132.	0.6	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.	0.1	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.	0.6	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.	1.7	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.	0.9	4

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19	Epigenetic regulation in Huntington's disease. <i>Neurochemistry International</i> , 2021, 148, 105074.	1.9	14
20	Defining phenotypic and functional heterogeneity of glioblastoma stem cells by mass cytometry. <i>JCI Insight</i> , 2021, 6, .	2.3	10
21	Salvage therapies for radiation-relapsed isocitrate dehydrogenase-mutant astrocytoma and 1p/19q codeleted oligodendroglioma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab081.	0.4	1
22	BRAF mutations may identify a clinically distinct subset of glioblastoma. <i>Scientific Reports</i> , 2021, 11, 19999.	1.6	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.	1.2	3
24	Competitive binding of E3 ligases TRIM26 and WWP2 controls SOX2 in glioblastoma. <i>Nature Communications</i> , 2021, 12, 6321.	5.8	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.	0.4	11
26	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
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.	0.7	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.	0.4	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.	0.4	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.	3.2	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.	1.1	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.	1.6	11
33	GATA2 Regulates Constitutive PD-L1 and PD-L2 Expression in Brain Tumors. <i>Scientific Reports</i> , 2020, 10, 9027.	1.6	20
34	TERT, a promoter of CNS malignancies. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa025.	0.4	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.	0.6	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.	13.5	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.	0.9	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.	0.6	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.	0.6	1
41	The lomustine crisis: awareness and impact of the 1500% price hike. <i>Neuro-Oncology</i> , 2019, 21, 1-3.	0.6	76
42	Sex differences in GBM revealed by analysis of patient imaging, transcriptome, and survival data. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	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.	0.6	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.	0.6	20
45	The impact of systemic precision medicine and immunotherapy treatments on brain metastases. <i>Oncotarget</i> , 2019, 10, 6739-6753.	0.8	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.	0.7	0
47	Establishing Primary Human Glioblastoma Adherent Cultures from Operative Specimens. <i>Methods in Molecular Biology</i> , 2018, 1741, 53-62.	0.4	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.	1.4	35
49	Magnetic Resonance Imaging-Guided Laser Interstitial Thermal Therapy for Glioblastoma of the Corpus Callosum. <i>Neurosurgery</i> , 2018, 83, 556-565.	0.6	32
50	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. <i>Cell</i> , 2018, 172, 534-548.e19.	13.5	197
51	Biological and therapeutic implications of multisector sequencing in newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 472-483.	0.6	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.	0.6	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.	1.3	2
54	Management of Intracranial Metastatic Disease With Laser Interstitial Thermal Therapy. <i>Frontiers in Oncology</i> , 2018, 8, 499.	1.3	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.	0.9	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.	0.3	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.	0.4	14
58	The role of Twist1 in mutant huntingtin-induced transcriptional alterations and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2018, 293, 11850-11866.	1.6	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.	1.4	27
60	Teaching Neuro Images : Cerebral amyloid angiopathy-related inflammation presenting with isolated leptomeningitis. <i>Neurology</i> , 2017, 89, e66-e67.	1.5	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.	0.9	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.	0.8	63
63	Management of Elderly Patients with Glioblastoma after CE.6. <i>Frontiers in Oncology</i> , 2017, 7, 196.	1.3	2
64	Meeting update—Society for Neuro-Oncology 2016 annual meeting. <i>Neuro-Oncology</i> , 2017, 19, 150-152.	0.6	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.	0.3	1
66	Radiation Therapy for Residual or Recurrent Atypical Meningioma. <i>Neurosurgery</i> , 2016, 79, 23-32.	0.6	30
67	Inhibition of DNA Methyltransferases Blocks Mutant Huntingtin-Induced Neurotoxicity. <i>Scientific Reports</i> , 2016, 6, 31022.	1.6	28
68	An NAD <sup>+</sup> -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.	3.3	101
69	The CDC20-APC/SOX2 signaling axis: An achilles' heel for glioblastoma. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1075644.	0.3	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.	0.9	78
71	Bioresorbable silicon electronic sensors for the brain. <i>Nature</i> , 2016, 530, 71-76.	13.7	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.	1.4	53

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73	High incidence of TERT mutation in brain tumor cell lines. <i>Brain Tumor Pathology</i> , 2016, 33, 222-227.	1.1	26
74	Hyperthermic Laser Ablation of Recurrent Glioblastoma Leads to Temporary Disruption of the Peritumoral Blood Brain Barrier. <i>PLoS ONE</i> , 2016, 11, e0148613.	1.1	146
75	The ATF6 pathway of the ER stress response contributes to enhanced viability in glioblastoma. <i>Oncotarget</i> , 2016, 7, 2080-2092.	0.8	86
76	Simpson Grade I-III Resection of Spinal Atypical (World Health Organization Grade II) Meningiomas is Associated With Symptom Resolution and Low Recurrence. <i>Neurosurgery</i> , 2015, 76, 739-746.	0.6	36
77	Impact of 1p/19q Codeletion and Histology on Outcomes of Anaplastic Gliomas Treated With Radiation Therapy and Temozolomide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 268-276.	0.4	31
78	A CDC20-APC/SOX2 Signaling Axis Regulates Human Glioblastoma Stem-like Cells. <i>Cell Reports</i> , 2015, 11, 1809-1821.	2.9	82
79	Clinical and Dosimetric Predictors of Acute Severe Lymphopenia During Radiation Therapy and Concurrent Temozolomide for High-Grade Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1000-1007.	0.4	80
80	Transient pupillary dilation following local papaverine application in intracranial aneurysm surgery. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 676-679.	0.8	6
81	Combined high-field intraoperative magnetic resonance imaging and endoscopy increase extent of resection and progression-free survival for pituitary adenomas. <i>Pituitary</i> , 2015, 18, 72-85.	1.6	60
82	Novel chemical library screen identifies naturally occurring plant products that specifically disrupt glioblastoma-endothelial cell interactions. <i>Oncotarget</i> , 2015, 6, 18282-18292.	0.8	14
83	Stereotactic laser ablation of high-grade gliomas. <i>Neurosurgical Focus</i> , 2014, 37, E1.	1.0	104
84	Recurrence after gross-total resection of low-grade pediatric brain tumors: the frequency and timing of postoperative imaging. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 356-364.	0.8	27
85	Molecular and cellular heterogeneity: the hallmark of glioblastoma. <i>Neurosurgical Focus</i> , 2014, 37, E11.	1.0	147
86	Management of Atypical Cranial Meningiomas, Part 1. <i>Neurosurgery</i> , 2014, 75, 347-355.	0.6	112
87	Management of Atypical Cranial Meningiomas, Part 2. <i>Neurosurgery</i> , 2014, 75, 356-363.	0.6	77
88	Codeletions at 1p and 19q predict a lower risk of pseudoprogression in oligodendrogliomas and mixed oligoastrocytomas. <i>Neuro-Oncology</i> , 2014, 16, 123-130.	0.6	23
89	Radiation Therapy Dose Escalation for Glioblastoma Multiforme in the Era of Temozolomide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 877-885.	0.4	49
90	Predictors of Individual Tumor Local Control After Stereotactic Radiosurgery for Non-Small Cell Lung Cancer Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 407-413.	0.4	27

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91	Inhibition of mitochondrial protein import by mutant huntingtin. <i>Nature Neuroscience</i> , 2014, 17, 822-831.	7.1	184
92	The Comprehensive Neuro-Oncology Data Repository (CONDR). <i>Neurosurgery</i> , 2014, 74, 88-98.	0.6	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.	1.1	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.	1.0	1
95	Angiogram-Negative Subarachnoid Hemorrhage: Relationship Between Bleeding Pattern and Clinical Outcome. <i>Neurocritical Care</i> , 2012, 16, 389-398.	1.2	62
96	A CaMKII $\beta$ signaling pathway at the centrosome regulates dendrite patterning in the brain. <i>Nature Neuroscience</i> , 2011, 14, 973-983.	7.1	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.	0.8	14
98	A TRPC5-regulated calcium signaling pathway controls dendrite patterning in the mammalian brain. <i>Genes and Development</i> , 2011, 25, 2659-2673.	2.7	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.	2.0	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.	1.3	11
101	Composite ganglioneuroma-paraganglioma of the filum terminale. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 709-713.	0.9	23
102	A Cdc20-APC Ubiquitin Signaling Pathway Regulates Presynaptic Differentiation. <i>Science</i> , 2009, 326, 575-578.	6.0	107
103	A Centrosomal Cdc20-APC Pathway Controls Dendrite Morphogenesis in Postmitotic Neurons. <i>Cell</i> , 2009, 136, 322-336.	13.5	177
104	CDK1-FOXO1: A mitotic signal takes center stage in post-mitotic neurons. <i>Cell Cycle</i> , 2008, 7, 3819-3822.	1.3	13
105	THE DEVELOPMENT OF RING-SHAPED CONTRAST ENHANCEMENT IN A CASE OF CEREBELLAR DYSEMBRYOPLASTIC NEUROEPITHELIAL TUMOR. <i>Neurosurgery</i> , 2008, 63, E609-E610.	0.6	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.	1.0	44
107	JNK-interacting Protein 1 Promotes Akt1 Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 29830-29836.	1.6	56
108	Activation of Trk Neurotrophin Receptor Signaling by Pituitary Adenylate Cyclase-activating Polypeptides. <i>Journal of Biological Chemistry</i> , 2002, 277, 9096-9102.	1.6	178

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109	Akt1 Regulates a JNK Scaffold during Excitotoxic Apoptosis. <i>Neuron</i> , 2002, 35, 697-709.	3.8	191
110	Characterization of the mu rhythm during rapid eye movement sleep. <i>Clinical Neurophysiology</i> , 2001, 112, 528-531.	0.7	15
111	The uniqueness of being a neurotrophin receptor. <i>Current Opinion in Neurobiology</i> , 2001, 11, 281-286.	2.0	179
112	Akt Phosphorylates and Negatively Regulates Apoptosis Signal-Regulating Kinase 1. <i>Molecular and Cellular Biology</i> , 2001, 21, 893-901.	1.1	648
113	L-type Ca <sup>2+</sup> channel-mediated Zn <sup>2+</sup> toxicity and modulation by ZnT-1 in PC12 cells <sup>11</sup> Published on the World Wide Web on 12 October 2000.. <i>Brain Research</i> , 2000, 886, 99-107.	1.1	93