

# Kalil G Abdullah

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,910  
citations

279798

23  
h-index

289244

40  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of patient-derived organoid models of lower-grade glioma. <i>Neuro-Oncology</i> , 2022, 24, 612-623.	1.2	36
2	Neurological outcomes following awake and asleep craniotomies with motor mapping for eloquent tumor resection. <i>Clinical Neurology and Neurosurgery</i> , 2022, 213, 107128.	1.4	9
3	Creation and Development of Patient-Derived Organoids for Therapeutic Screening in Solid Cancer. <i>Current Stem Cell Reports</i> , 2022, 8, 107-117.	1.6	2
4	Antitumor Activity of a Mitochondrial-Targeted HSP90 Inhibitor in Gliomas. <i>Clinical Cancer Research</i> , 2022, 28, 2180-2195.	7.0	12
5	Semi-Automated Computational Assessment of Cancer Organoid Viability Using Rapid Live-Cell Microscopy. <i>Cancer Informatics</i> , 2022, 21, 117693512211007.	1.9	2
6	Molecular and Metabolic Mechanisms Underlying Selective 5-Aminolevulinic Acid-Induced Fluorescence in Gliomas. <i>Cancers</i> , 2021, 13, 580.	3.7	37
7	Contemporary Mouse Models in Glioma Research. <i>Cells</i> , 2021, 10, 712.	4.1	22
8	DDRE-29. DE NOVO PYRIMIDINE SYNTHESIS IS A TARGETABLE VULNERABILITY IN IDH-MUTANT GLIOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i12-i13.	0.7	1
9	Molecular Signatures of Chromosomal Instability Correlate With Copy Number Variation Patterns and Patient Outcome in IDH-Mutant and IDH-Wildtype Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 354-365.	1.7	12
10	Patient-specific prediction model for clinical and quality-of-life outcomes after lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 580-588.	1.7	16
11	Patient-Derived Cancer Organoids for Precision Oncology Treatment. <i>Journal of Personalized Medicine</i> , 2021, 11, 423.	2.5	18
12	Bevacizumab vs laser interstitial thermal therapy in cerebral radiation necrosis from brain metastases: a systematic review and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021, 154, 13-23.	2.9	24
13	RADI-14. Bevacizumab vs Laser Interstitial Thermal Therapy in radiation necrosis from brain metastases: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2021, 3, iii20-iii21.	0.7	0
14	Prognostic Value of Isolated TERT Promoter Mutation in Grade 2 and 3 IDH-Wildtype Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 885-886.	1.7	2
15	A Modified Nucleoside 6-Thio-2-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 6800-6814.	7.0	10
16	Distance traveled to glioblastoma treatment: A measure of the impact of socioeconomic status on survival. <i>Clinical Neurology and Neurosurgery</i> , 2021, 209, 106909.	1.4	2
17	Large Animal Models of Glioma: Current Status and Future Prospects. <i>Anticancer Research</i> , 2021, 41, 5343-5353.	1.1	18
18	TMOD-06. CREATION OF PATIENT-DERIVED LOWER GRADE GLIOMA ORGANOID MODELS FOR PERSONALIZED TREATMENT RESPONSE ASSESSMENT. <i>Neuro-Oncology</i> , 2021, 23, vi216-vi217.	1.2	1

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19	Near-Infrared Imaging with Second-Window Indocyanine Green in Newly Diagnosed High-Grade Gliomas Predicts Gadolinium Enhancement on Postoperative Magnetic Resonance Imaging. <i>Molecular Imaging and Biology</i> , 2020, 22, 1427-1437.	2.6	19
20	Molecular Correlates of Long Survival in IDH-Wildtype Glioblastoma Cohorts. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 843-854.	1.7	32
21	Amplifying the Noise: Oncometabolites Mask an Epigenetic Signal of DNA Damage. <i>Molecular Cell</i> , 2020, 79, 368-370.	9.7	3
22	A pilot study on Alzheimer's disease-related biological and cognitive markers in dementia and history of mild traumatic brain injury. <i>Alzheimer's and Dementia</i> , 2020, 16, e039975.	0.8	0
23	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
24	Review of Audiovestibular Symptoms Following Exposure to Acoustic and Electromagnetic Energy Outside Conventional Human Hearing. <i>Frontiers in Neurology</i> , 2020, 11, 234.	2.4	7
25	Tractography and the connectome in neurosurgical treatment of gliomas: the premise, the progress, and the potential. <i>Neurosurgical Focus</i> , 2020, 48, E6.	2.3	84
26	A Quantitative Analysis of Social Media to Determine Trends in Brain Tumor Care and Treatment. <i>Cureus</i> , 2020, 12, e11530.	0.5	3
27	TMOD-14. CREATION OF A GENETICALLY ENGINEERED MOUSE MODEL OF ANAPLASTIC ASTROCYTOMA DRIVEN BY THE IDH1-R132H ONCOGENE. <i>Neuro-Oncology</i> , 2020, 22, ii230-ii231.	1.2	1
28	Liver disease is an independent predictor of poor 30-day outcomes following surgery for degenerative disease of the cervical spine. <i>Spine Journal</i> , 2019, 19, 448-460.	1.3	10
29	High Resolution Computed Tomography Atlas of the Porcine Temporal Bone and Skull Base: Anatomical Correlates for Traumatic Brain Injury Research. <i>Journal of Neurotrauma</i> , 2019, 36, 1029-1039.	3.4	4
30	Evaluating the Association Between the Extent of Resection and Survival in Gliosarcoma. <i>Cureus</i> , 2019, 11, e4374.	0.5	6
31	The Effect of Underlying Liver Disease on Perioperative Outcomes Following Craniotomy for Tumor: An American College of Surgeons National Quality Improvement Program Analysis. <i>World Neurosurgery</i> , 2018, 115, e85-e96.	1.3	9
32	Topical Vancomycin Reduces Surgical-Site Infections After Craniotomy: A Prospective, Controlled Study. <i>Neurosurgery</i> , 2018, 83, 761-767.	1.1	27
33	Preoperative Nomograms Predict Patient-Specific Cervical Spine Surgery Clinical and Quality of Life Outcomes. <i>Neurosurgery</i> , 2018, 83, 104-113.	1.1	24
34	Complications Predicting Perioperative Mortality in Patients Undergoing Elective Craniotomy: A Population-Based Study. <i>World Neurosurgery</i> , 2018, 118, e195-e205.	1.3	10
35	Otogenic brain abscesses: A systematic review. <i>Laryngoscope Investigative Otolaryngology</i> , 2018, 3, 198-208.	1.5	32
36	Long-term utility and complication profile of open craniotomy for biopsy in patients with idiopathic encephalitis. <i>Journal of Clinical Neuroscience</i> , 2017, 37, 69-72.	1.5	3

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37	Current Standards of Care in Glioblastoma Therapy. , 2016, , 73-80.		7
38	Comparing Utility Scores in Common Spinal Radiculopathies: Results of a Prospective Valuation Study. Global Spine Journal, 2016, 6, 270-276.	2.3	3
39	Management of Giant Cervical Teratoma with Intracranial Extension Diagnosed in Utero. Journal of Neurological Surgery Reports, 2016, 77, e118-e120.	0.6	7
40	Resident simulation training in endoscopic endonasal surgery utilizing haptic feedback technology. Journal of Clinical Neuroscience, 2016, 34, 112-116.	1.5	34
41	Cost-Utility Analysis of Anterior Cervical Discectomy and Fusion With Plating (ACDFP) Versus Posterior Cervical Foraminotomy (PCF) for Patients With Single-level Cervical Radiculopathy at 1-Year Follow-up. Clinical Spine Surgery, 2016, 29, E67-E72.	1.3	42
42	Cost-Utility Analysis of 1- and 2-Level Dorsal Lumbar Fusions With and Without Recombinant Human Bone Morphogenetic Protein-2 at 1-Year Follow-Up. Clinical Spine Surgery, 2016, 29, E28-E33.	1.3	17
43	Molecular and clinical prognostic factors for favorable outcome following surgical resection of adult intramedullary spinal cord astrocytomas. Clinical Neurology and Neurosurgery, 2016, 144, 82-87.	1.4	15
44	Safety of topical vancomycin powder in neurosurgery. , 2016, 7, 919.		26
45	Recurrent Glioblastoma. , 2016, , 151-165.		0
46	Adverse Events With the Use of rhBMP-2 in Thoracolumbar and Lumbar Spine Fusions. Journal of Spinal Disorders and Techniques, 2015, 28, E277-E283.	1.9	18
47	Factors Associated with Increased Survival after Surgical Resection of Glioblastoma in Octogenarians. PLoS ONE, 2015, 10, e0127202.	2.5	20
48	Prediction of quality of life improvements in patients with lumbar stenosis following use of membrane stabilizing agents. Clinical Neurology and Neurosurgery, 2015, 139, 234-240.	1.4	8
49	Concussion and Football: a Review and Editorial. Current Neurology and Neuroscience Reports, 2015, 15, 11.	4.2	5
50	Reducing surgical site infections following craniotomy: examination of the use of topical vancomycin. Journal of Neurosurgery, 2015, 123, 1600-1604.	1.6	52
51	Reoperation rates after anterior cervical discectomy and fusion versus posterior cervical foraminotomy: a propensity-matched analysis. Spine Journal, 2015, 15, 1277-1283.	1.3	74
52	Minimally Invasive Surgery for Traumatic Fractures in Ankylosing Spinal Diseases. Global Spine Journal, 2015, 5, 266-273.	2.3	27
53	Progression free survival and functional outcome after surgical resection of intramedullary ependymomas. Journal of Clinical Neuroscience, 2015, 22, 1933-1937.	1.5	21
54	Rates of anterior cervical discectomy and fusion after initial posterior cervical foraminotomy. Spine Journal, 2015, 15, 971-976.	1.3	56

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55	Association of postoperative outcomes with preoperative magnetic resonance imaging for patients with concurrent multiple sclerosis and cervical stenosis. <i>Spine Journal</i> , 2015, 15, 18-24.	1.3	2
56	Tracking patient-reported outcomes in spinal disorders. , 2015, 6, 490.		26
57	The correspondence and collaboration of Harvey Cushing and Irvine Page: Lessons from the Cleveland Clinic Archives. , 2015, 6, 173.		1
58	Quality-of-Life Outcomes following Thoracolumbar and Lumbar Fusion with and without the Use of Recombinant Human Bone Morphogenetic Protein-2: Does Recombinant Human Bone Morphogenetic Protein-2 Make a Difference?. <i>Global Spine Journal</i> , 2014, 4, 245-254.	2.3	1
59	Clinical outcomes following surgical management of coexistent cervical stenosis and multiple sclerosis: a cohort-controlled analysis. <i>Spine Journal</i> , 2014, 14, 331-337.	1.3	12
60	Use of diffusion tensor imaging in glioma resection. <i>Neurosurgical Focus</i> , 2013, 34, E1.	2.3	70
61	Urological complications following use of recombinant human bone morphogenetic protein in anterior lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 126-131.	1.7	14
62	Lateral Extracavitary, Costotransversectomy, and Transthoracic Thoracotomy Approaches to the Thoracic Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 222-232.	1.9	65
63	The Utility of Allograft Mesenchymal Stem Cells for Spine Fusion: A Literature Review. <i>Global Spine Journal</i> , 2012, 2, 109-114.	2.3	1
64	Comparative effectiveness research in spine surgery. <i>Neurosurgical Focus</i> , 2012, 33, E2.	2.3	4
65	Open-Door Cervical Laminoplasty with Preservation of Posterior Structures. <i>Global Spine Journal</i> , 2012, 2, 015-020.	2.3	12
66	Radiation Exposure to the Spine Surgeon in Lumbar and Thoracolumbar Fusions With the Use of an Intraoperative Computed Tomographic 3-Dimensional Imaging System. <i>Spine</i> , 2012, 37, E1074-E1078.	2.0	69
67	Lateral Extracavitary vs Costotransversectomy Approaches to the Thoracic Spine. <i>Neurosurgery</i> , 2012, 71, 1096-1102.	1.1	30
68	Translaminar Screw Fixation in the Subaxial Cervical Spine. <i>Spine</i> , 2012, 37, E745-E751.	2.0	28
69	Direct Lateral Approach to Pathology at the Craniocervical Junction. <i>Operative Neurosurgery</i> , 2012, 70, ons202-ons208.	0.8	6
70	Isolated Adrenal Hematoma Presenting as Acute Right Upper Quadrant Pain. <i>Journal of Emergency Medicine</i> , 2012, 43, e215-e217.	0.7	13
71	Vascular Injury and Exposure in Anterior Lumbar Interbody Fusions. <i>Spine Journal</i> , 2012, 12, S79-S80.	1.3	0
72	Complications Following Use of rhBMP-2 in Anterior Lumbar Interbody Fusion. <i>Spine Journal</i> , 2012, 12, S91.	1.3	0

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73	Commentary: Retrograde ejaculation and the use of rhBMP-2 for anterior lumbar interbody fusion: what does the evidence say to surgeons and to patients?. <i>Spine Journal</i> , 2012, 12, 891-893.	1.3	3
74	The Management of Upper Thoracic Spine Tumors. <i>Operative Techniques in Orthopaedics</i> , 2011, 21, 225-234.	0.1	1
75	The State of Lumbar Fusion Extenders. <i>Spine</i> , 2011, 36, E1328-E1334.	2.0	21
76	Radiation Exposure to the Surgeon During Percutaneous Pedicle Screw Placement. <i>Journal of Spinal Disorders and Techniques</i> , 2011, 24, 264-267.	1.9	120
77	Minimally Invasive versus Open Cervical Foraminotomy: A Systematic Review. <i>Global Spine Journal</i> , 2011, 1, 009-014.	2.3	51
78	Factors affecting lateral mass screw placement at C-7. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 405-411.	1.7	10
79	Phenotypes, Genotypes, and the 9p21 Locus for Prediction of Cardiovascular Events. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 260.	2.9	1
80	The TaqMan Method for SNP Genotyping. <i>Methods in Molecular Biology</i> , 2009, 578, 293-306.	0.9	86
81	Morphometric and Volumetric Analysis of the Lateral Masses of the Lower Cervical Spine. <i>Spine</i> , 2009, 34, 1476-1479.	2.0	31
82	Association between four SNPs on chromosome 9p21 and myocardial infarction is replicated in an Italian population. <i>Journal of Human Genetics</i> , 2008, 53, 144-150.	2.3	112
83	Four SNPs on Chromosome 9p21 in a South Korean Population Implicate a Genetic Locus That Confers High Cross-Race Risk for Development of Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 360-365.	2.4	183