

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | The TaqMan Method for SNP Genotyping. <i>Methods in Molecular Biology</i> , 2009, 578, 293-306. | 0.9 | 86 |
| 5 | 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 |
| 6 | Reoperation rates after anterior cervical discectomy and fusion versus posterior cervical foraminotomy: a propensity-matched analysis. <i>Spine Journal</i> , 2015, 15, 1277-1283. | 1.3 | 74 |
| 7 | Use of diffusion tensor imaging in glioma resection. <i>Neurosurgical Focus</i> , 2013, 34, E1. | 2.3 | 70 |
| 8 | 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 |
| 9 | 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 |
| 10 | Rates of anterior cervical discectomy and fusion after initial posterior cervical foraminotomy. <i>Spine Journal</i> , 2015, 15, 971-976. | 1.3 | 56 |
| 11 | Reducing surgical site infections following craniotomy: examination of the use of topical vancomycin. <i>Journal of Neurosurgery</i> , 2015, 123, 1600-1604. | 1.6 | 52 |
| 12 | Minimally Invasive versus Open Cervical Foraminotomy: A Systematic Review. <i>Global Spine Journal</i> , 2011, 1, 009-014. | 2.3 | 51 |
| 13 | 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. <i>Clinical Spine Surgery</i> , 2016, 29, E67-E72. | 1.3 | 42 |
| 14 | Molecular and Metabolic Mechanisms Underlying Selective 5-Aminolevulinic Acid-Induced Fluorescence in Gliomas. <i>Cancers</i> , 2021, 13, 580. | 3.7 | 37 |
| 15 | Establishment of patient-derived organoid models of lower-grade glioma. <i>Neuro-Oncology</i> , 2022, 24, 612-623. | 1.2 | 36 |
| 16 | Resident simulation training in endoscopic endonasal surgery utilizing haptic feedback technology. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 112-116. | 1.5 | 34 |
| 17 | Otogenic brain abscesses: A systematic review. <i>Laryngoscope Investigative Otolaryngology</i> , 2018, 3, 198-208. | 1.5 | 32 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Morphometric and Volumetric Analysis of the Lateral Masses of the Lower Cervical Spine. <i>Spine</i> , 2009, 34, 1476-1479. | 2.0 | 31 |
| 20 | Lateral Extracavitary vs Costotransversectomy Approaches to the Thoracic Spine. <i>Neurosurgery</i> , 2012, 71, 1096-1102. | 1.1 | 30 |
| 21 | Translaminar Screw Fixation in the Subaxial Cervical Spine. <i>Spine</i> , 2012, 37, E745-E751. | 2.0 | 28 |
| 22 | Minimally Invasive Surgery for Traumatic Fractures in Ankylosing Spinal Diseases. <i>Global Spine Journal</i> , 2015, 5, 266-273. | 2.3 | 27 |
| 23 | Topical Vancomycin Reduces Surgical-Site Infections After Craniotomy: A Prospective, Controlled Study. <i>Neurosurgery</i> , 2018, 83, 761-767. | 1.1 | 27 |
| 24 | Tracking patient-reported outcomes in spinal disorders. , 2015, 6, 490. | | 26 |
| 25 | Safety of topical vancomycin powder in neurosurgery. , 2016, 7, 919. | | 26 |
| 26 | Preoperative Nomograms Predict Patient-Specific Cervical Spine Surgery Clinical and Quality of Life Outcomes. <i>Neurosurgery</i> , 2018, 83, 104-113. | 1.1 | 24 |
| 27 | 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 |
| 28 | Contemporary Mouse Models in Glioma Research. <i>Cells</i> , 2021, 10, 712. | 4.1 | 22 |
| 29 | The State of Lumbar Fusion Extenders. <i>Spine</i> , 2011, 36, E1328-E1334. | 2.0 | 21 |
| 30 | Progression free survival and functional outcome after surgical resection of intramedullary ependymomas. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1933-1937. | 1.5 | 21 |
| 31 | Factors Associated with Increased Survival after Surgical Resection of Glioblastoma in Octogenarians. <i>PLoS ONE</i> , 2015, 10, e0127202. | 2.5 | 20 |
| 32 | 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 |
| 33 | Adverse Events With the Use of rhBMP-2 in Thoracolumbar and Lumbar Spine Fusions. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E277-E283. | 1.9 | 18 |
| 34 | Patient-Derived Cancer Organoids for Precision Oncology Treatment. <i>Journal of Personalized Medicine</i> , 2021, 11, 423. | 2.5 | 18 |
| 35 | Large Animal Models of Glioma: Current Status and Future Prospects. <i>Anticancer Research</i> , 2021, 41, 5343-5353. | 1.1 | 18 |
| 36 | Cost-Utility Analysis of 1- and 2-Level Dorsal Lumbar Fusions With and Without Recombinant Human Bone Morphogenic Protein-2 at 1-Year Follow-Up. <i>Clinical Spine Surgery</i> , 2016, 29, E28-E33. | 1.3 | 17 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Molecular and clinical prognostic factors for favorable outcome following surgical resection of adult intramedullary spinal cord astrocytomas. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 82-87. | 1.4 | 15 |
| 39 | Urological complications following use of recombinant human bone morphogenetic protein ² in anterior lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 126-131. | 1.7 | 14 |
| 40 | Isolated Adrenal Hematoma Presenting as Acute Right Upper Quadrant Pain. <i>Journal of Emergency Medicine</i> , 2012, 43, e215-e217. | 0.7 | 13 |
| 41 | Open-Door Cervical Laminoplasty with Preservation of Posterior Structures. <i>Global Spine Journal</i> , 2012, 2, 015-020. | 2.3 | 12 |
| 42 | 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 |
| 43 | 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 |
| 44 | Antitumor Activity of a Mitochondrial-Targeted HSP90 Inhibitor in Gliomas. <i>Clinical Cancer Research</i> , 2022, 28, 2180-2195. | 7.0 | 12 |
| 45 | Factors affecting lateral mass screw placement at C-7. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 405-411. | 1.7 | 10 |
| 46 | Complications Predicting Perioperative Mortality in Patients Undergoing Elective Craniotomy: A Population-Based Study. <i>World Neurosurgery</i> , 2018, 118, e195-e205. | 1.3 | 10 |
| 47 | 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 |
| 48 | A Modified Nucleoside 6-Thio-2-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 6800-6814. | 7.0 | 10 |
| 49 | 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 |
| 50 | 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 |
| 51 | Prediction of quality of life improvements in patients with lumbar stenosis following use of membrane stabilizing agents. <i>Clinical Neurology and Neurosurgery</i> , 2015, 139, 234-240. | 1.4 | 8 |
| 52 | Current Standards of Care in Glioblastoma Therapy. , 2016, , 73-80. | | 7 |
| 53 | Management of Giant Cervical Teratoma with Intracranial Extension Diagnosed in Utero. <i>Journal of Neurological Surgery Reports</i> , 2016, 77, e118-e120. | 0.6 | 7 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Direct Lateral Approach to Pathology at the Craniocervical Junction. Operative Neurosurgery, 2012, 70, ons202-ons208. | 0.8 | 6 |
| 56 | An additive score optimized by a genetic learning algorithm predicts readmission risk after glioblastoma resection. Journal of Clinical Neuroscience, 2020, 80, 1-5. | 1.5 | 6 |
| 57 | Evaluating the Association Between the Extent of Resection and Survival in Gliosarcoma. Cureus, 2019, 11, e4374. | 0.5 | 6 |
| 58 | Concussion and Football: a Review and Editorial. Current Neurology and Neuroscience Reports, 2015, 15, 11. | 4.2 | 5 |
| 59 | Comparative effectiveness research in spine surgery. Neurosurgical Focus, 2012, 33, E2. | 2.3 | 4 |
| 60 | High Resolution Computed Tomography Atlas of the Porcine Temporal Bone and Skull Base: Anatomical Correlates for Traumatic Brain Injury Research. Journal of Neurotrauma, 2019, 36, 1029-1039. | 3.4 | 4 |
| 61 | Commentary: Retrograde ejaculation and the use of rhBMP-2 for anterior lumbar interbody fusion: what does the evidence say to surgeons and to patients?. Spine Journal, 2012, 12, 891-893. | 1.3 | 3 |
| 62 | Comparing Utility Scores in Common Spinal Radiculopathies: Results of a Prospective Valuation Study. Global Spine Journal, 2016, 6, 270-276. | 2.3 | 3 |
| 63 | Long-term utility and complication profile of open craniotomy for biopsy in patients with idiopathic encephalitis. Journal of Clinical Neuroscience, 2017, 37, 69-72. | 1.5 | 3 |
| 64 | Amplifying the Noise: Oncometabolites Mask an Epigenetic Signal of DNA Damage. Molecular Cell, 2020, 79, 368-370. | 9.7 | 3 |
| 65 | A Quantitative Analysis of Social Media to Determine Trends in Brain Tumor Care and Treatment. Cureus, 2020, 12, e11530. | 0.5 | 3 |
| 66 | Association of postoperative outcomes with preoperative magnetic resonance imaging for patients with concurrent multiple sclerosis and cervical stenosis. Spine Journal, 2015, 15, 18-24. | 1.3 | 2 |
| 67 | Prognostic Value of Isolated TERT Promoter Mutation in Grade 2 and 3 IDH-Wildtype Astrocytomas. Journal of Neuropathology and Experimental Neurology, 2021, 80, 885-886. | 1.7 | 2 |
| 68 | Distance traveled to glioblastoma treatment: A measure of the impact of socioeconomic status on survival. Clinical Neurology and Neurosurgery, 2021, 209, 106909. | 1.4 | 2 |
| 69 | Creation and Development of Patient-Derived Organoids for Therapeutic Screening in Solid Cancer. Current Stem Cell Reports, 2022, 8, 107-117. | 1.6 | 2 |
| 70 | Semi-Automated Computational Assessment of Cancer Organoid Viability Using Rapid Live-Cell Microscopy. Cancer Informatics, 2022, 21, 117693512211007. | 1.9 | 2 |
| 71 | Phenotypes, Genotypes, and the 9p21 Locus for Prediction of Cardiovascular Events. JACC: Cardiovascular Interventions, 2010, 3, 260. | 2.9 | 1 |
| 72 | The Management of Upper Thoracic Spine Tumors. Operative Techniques in Orthopaedics, 2011, 21, 225-234. | 0.1 | 1 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | The correspondence and collaboration of Harvey Cushing and Irvine Page: Lessons from the Cleveland Clinic Archives. , 2015, 6, 173. | | 1 |
| 77 | 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 |
| 78 | 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 |
| 79 | Vascular Injury and Exposure in Anterior Lumbar Interbody Fusions. <i>Spine Journal</i> , 2012, 12, S79-S80. | 1.3 | 0 |
| 80 | Complications Following Use of rhBMP-2 in Anterior Lumbar Interbody Fusion. <i>Spine Journal</i> , 2012, 12, S91. | 1.3 | 0 |
| 81 | 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 |
| 82 | 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 |
| 83 | Recurrent Glioblastoma. , 2016, , 151-165. | | 0 |