

# Umaru Barrie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2569698/publications.pdf>

Version: 2024-02-01

26  
papers

144  
citations

1307594

7  
h-index

1372567

10  
g-index

26  
all docs

26  
docs citations

26  
times ranked

120  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Enhanced Recovery After Surgery Reduces Postoperative Opioid Use and 90-Day Readmission Rates After Open Thoracolumbar Fusion for Adult Degenerative Deformity. <i>Neurosurgery</i> , 2021, 88, 295-300.   | 1.1 | 27        |
| 2  | Household Income as a Predictor for Surgical Outcomes and Opioid Use After Spine Surgery in the United States. <i>Global Spine Journal</i> , 2023, 13, 2124-2134.  | 2.3 | 12        |
| 3  | Four-Level Vertebroctomy for En Bloc Resection of a Cervical Chordoma. <i>World Neurosurgery</i> , 2018, 118, 316-323.   | 1.3 | 11        |
| 4  | Association Between Socioeconomic Background and MD-PhD Program Matriculation. <i>Journal of General Internal Medicine</i> , 2022, 37, 1794-1796.  | 2.6 | 11        |
| 5  | Transfusion guidelines in adult spine surgery: a systematic review and critical summary of currently available evidence. <i>Spine Journal</i> , 2022, 22, 238-248.   | 1.3 | 11        |
| 6  | Perioperative Factors Associated With Chronic Opioid Use After Spine Surgery. <i>Global Spine Journal</i> , 2023, 13, 1450-1456.   | 2.3 | 9         |
| 7  | Evaluating the Impact of Neurosurgical Rotation Experience in Africa on the Interest and Perception of Medical Students Towards a Career in Neurosurgery: A Continental, Multi-Centre, Cross-Sectional Study. <i>Frontiers in Surgery</i> , 2022, 9, 766325.   | 1.4 | 9         |
| 8  | The Clinical Use of Serum Biomarkers in Traumatic Brain Injury: A Systematic Review Stratified by Injury Severity. <i>World Neurosurgery</i> , 2021, 155, e418-e438.   | 1.3 | 8         |
| 9  | Systematic Review and Meta-Analysis of Management Strategies and Outcomes in Adult Spinal Neurocysticercosis. <i>World Neurosurgery</i> , 2020, 138, 504-511.e8.   | 1.3 | 7         |
| 10 | Impact of Insurance Provider on Postoperative Hospital Length of Stay After Spine Surgery. <i>World Neurosurgery</i> , 2021, 156, e351-e358.   | 1.3 | 7         |
| 11 | Intramedullary Spinal Metastatic Renal Cell Carcinoma: Systematic Review of Disease Presentation, Treatment, and Prognosis with Case Illustration. <i>World Neurosurgery</i> , 2020, 134, 584-593.   | 1.3 | 6         |
| 12 | Electronic Communication Patterns Could Reflect Preoperative Anxiety and Serve as an Early Complication Warning in Elective Spine Surgery Patients with Affective Disorders: A Retrospective Analysis of a Cohort of 1199 Elective Spine Patients. <i>World Neurosurgery</i> , 2020, 141, e888-e893. | 1.3 | 4         |
| 13 | Compressive Cervical Myelopathy in Patients With Demyelinating Disease of the Central Nervous System: Improvement After Surgery Despite a Late Diagnosis. <i>Cureus</i> , 2021, 13, e13161.  | 0.5 | 3         |
| 14 | Smoking has a dose-dependent effect on the incidence of preoperative opioid consumption in female geriatric patients with spine disease. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 173-177.  | 1.5 | 3         |
| 15 | Comparison of the effect of epidural versus intravenous patient controlled analgesia on inpatient and outpatient functional outcomes after adult degenerative scoliosis surgery: a comparative study. <i>Spine Journal</i> , 2021, 21, 765-771.  | 1.3 | 2         |
| 16 | Expanding post-operative follow-up in rural Sierra Leone: A community-based protocol. <i>American Journal of Surgery</i> , 2021, 221, 895-899.   | 1.8 | 2         |
| 17 | Pancreatic Cancer Metastasis to the Spine: A Systematic Review of Management Strategies and Outcomes with Case Illustration. <i>World Neurosurgery</i> , 2022, 160, 94-101.e4.   | 1.3 | 2         |
| 18 | Development and Internal Validation of the Postoperative Analgesic Intake Needs Score: A Predictive Model for Post-Operative Narcotic Requirement after Spine Surgery. <i>Global Spine Journal</i> , 2023, 13, 2135-2143.  | 2.3 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | In Reply: A Novel Neurosurgery Virtual Interest Group for Disadvantaged Medical Students: Lessons Learned for the Postpandemic Era. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .   | 1.1 | 2         |
| 20 | The Minnesota Multiphasic Personality Inventoryâ€™2â€™ Restructured Form (MMPI-2-RF) and Patient-Reported Outcomes Measurement Information Systemâ€™29 (PROMIS-29) Comparison Study: Assessing for PROMIS-29 Depression and Anxiety Psychopathologic Cutoff Values Amongst Patients Undergoing Elective Complex Spine Procedures. <i>World Neurosurgery</i> , 2022, 164, e908-e914. | 1.3 | 2         |
| 21 | Evaluating the Impact of Psychiatric Disorders on Preoperative Pain Ratings, Narcotics Use, and the PROMIS-29 Quality Domains in Spine Surgery Candidates. <i>Cureus</i> , 2021, 13, e12768.  | 0.5 | 1         |
| 22 | Postoperative Transfusion Guidelines in Aneurysmal Cerebral Subarachnoid Hemorrhage: A Systematic Review and Critical Summary of Available Evidence. <i>World Neurosurgery</i> , 2022, 158, 234-243.e5.   | 1.3 | 1         |
| 23 | Evaluating the impact of neurosurgical rotation experience in Africa on the interest and perception of medical students towards a career in neurosurgery: a protocol for a continental, cross-sectional study. <i>Journal of Surgical Protocols and Research Methodologies</i> , 2022, 2022, snac006.   | 0.4 | 1         |
| 24 | Transfusion Guidelines in Brain Tumor Surgery: A Systematic Review and Critical Summary of Currently Available Evidence. <i>World Neurosurgery</i> , 2022, , .  | 1.3 | 1         |
| 25 | Letter: Commentary: Crossing the Synaptic Cleft: The Pursuit of Neurosurgery by Black Medical Students. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .   | 1.1 | 0         |
| 26 | Letter: Commentary: The Importance of Increased Funding Opportunities to Empower Global Neurosurgeons From Low-Middle Income Countries. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .   | 1.1 | 0         |