

# Mark K Lyons

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12059794/publications.pdf>

Version: 2024-02-01

29  
papers

1,446  
citations

430843

18  
h-index

477281

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1538  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Seizure Prophylaxis in Patients With Brain Tumors: A Meta-analysis. Mayo Clinic Proceedings, 2004, 79, 1489-1494.   | 3.0 | 245       |
| 2  | The results of radiotherapy for ependymomas: the mayo clinic experience. International Journal of Radiation Oncology Biology Physics, 1998, 42, 953-958.  | 0.8 | 172       |
| 3  | Deep Brain Stimulation: Current and Future Clinical Applications. Mayo Clinic Proceedings, 2011, 86, 662-672.   | 3.0 | 167       |
| 4  | Frequency of seizures in patients with newly diagnosed brain tumors: A retrospective review. Clinical Neurology and Neurosurgery, 2007, 109, 634-638.   | 1.4 | 147       |
| 5  | Surgical evaluation and management of lumbar synovial cysts: the Mayo Clinic experience. Journal of Neurosurgery: Spine, 2000, 93, 53-57.   | 1.7 | 129       |
| 6  | Responsiveness of short-lasting unilateral neuralgiform headache with conjunctival injection and tearing to hypothalamic deep brain stimulation. Journal of Neurosurgery, 2009, 110, 279-281.                   | 1.6 | 76        |
| 7  | Nongerminomatous germ cell tumors of the brain. International Journal of Radiation Oncology Biology Physics, 1996, 36, 557-563.   | 0.8 | 60        |
| 8  | Measurement of exercise tolerance on the treadmill in patients with symptomatic lumbar spinal stenosis: a useful indicator of functional status and surgical outcome. Journal of Neurosurgery, 1995, 83, 27-30. | 1.6 | 57        |
| 9  | Use of the Exercise Treadmill to Measure Baseline Functional Status and Surgical Outcome in Patients With Severe Lumbar Spinal Stenosis. Spine, 1998, 23, 244-248.  | 2.0 | 55        |
| 10 | Primary Spinal Epidural Non-Hodgkin's Lymphoma. Neurosurgery, 1992, 30, 675-680.  | 1.1 | 45        |
| 11 | Test-Retest Reproducibility of the Exercise Treadmill Examination in Lumbar Spinal Stenosis. Mayo Clinic Proceedings, 2000, 75, 1002-1007.  | 3.0 | 43        |
| 12 | Computer-Assisted Stereotactic Biopsy and Volumetric Resection of Thalamic Pilocytic Astrocytomas. Stereotactic and Functional Neurosurgery, 1992, 59, 100-104.   | 1.5 | 36        |
| 13 | Diagnosis and Management of Primary Spinal Epidural Non-Hodgkin's Hodgkin's Lymphoma. Mayo Clinic Proceedings, 1996, 71, 453-457.   | 3.0 | 34        |
| 14 | Pilocytic astrocytoma with spontaneous intracranial hemorrhages in an elderly adult. Clinical Neurology and Neurosurgery, 2007, 109, 76-80.   | 1.4 | 29        |
| 15 | Subaxial Cervical Synovial Cysts. Spine, 2011, 36, E1285-E1289.   | 2.0 | 27        |
| 16 | Metastatic Prostate Carcinoma Mimicking Meningioma. Neurologist, 2006, 12, 48-52.   | 0.7 | 24        |
| 17 | Minimally Invasive Tubular Resection of Lumbar Synovial Cysts: Report of 40 Consecutive Cases. World Neurosurgery, 2016, 94, 188-196.   | 1.3 | 21        |
| 18 | Orthostatic tremor responds to bilateral thalamic deep brain stimulation. Tremor and Other Hyperkinetic Movements, 2012, 2, .   | 2.0 | 20        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Hemicraniectomy for Ischemic and Hemorrhagic Stroke. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 349-360.   | 1.7 | 12        |
| 20 | Brain Tumors: Current Issues in Diagnosis and Management. <i>Seminars in Neurology</i> , 2007, 27, 312-324.  | 1.4 | 10        |
| 21 | Nerve Rootlet and Fascicular Biopsy in Patients With Hypertrophic Inflammatory Neuropathy. <i>Neurologist</i> , 2009, 15, 40-41.   | 0.7 | 7         |
| 22 | Linear accelerator-based single-fraction stereotactic body radiotherapy for symptomatic vertebral body hemangiomas: The Mayo Clinic experience. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 74-78. | 1.5 | 7         |
| 23 | Patient satisfaction with telehealth in neurosurgery outpatient clinic during COVID-19 pandemic. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 23, 101017.        | 0.3 | 7         |
| 24 | Utility of Augmented Reality Imaging (GLOW800) in Resection of Hemangioblastoma. <i>World Neurosurgery</i> , 2020, 136, 294.   | 1.3 | 4         |
| 25 | Burnout and Emotional Intelligence in Neurosurgical Advanced Practice Providers Across the United States: A Cross-Sectional Analysis. <i>World Neurosurgery</i> , 2021, 155, e335-e344.                    | 1.3 | 4         |
| 26 | Deep Brain Stimulation and Cognitive Outcomes Among Patients With Parkinson's Disease: A Historical Cohort Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 196-200.        | 1.8 | 3         |
| 27 | Seizure Prophylaxis and Liability: In Response. <i>Mayo Clinic Proceedings</i> , 2005, 80, 291.  | 3.0 | 2         |
| 28 | Multispecialty perspective on intradural disc herniation: diagnosis and management - A case report -. <i>Anesthesia and Pain Medicine</i> , 2022, 17, 221-227.   | 1.4 | 2         |
| 29 | Primary Lymphoma of the Spinal Cord. <i>Mayo Clinic Proceedings</i> , 1993, 68, 1097-1098.   | 3.0 | 1         |