Debraj Mukherjee

List of Publications by Year in descending order

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257450 206112 2,719 124 24 48 citations g-index h-index papers 128 128 128 3895 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Epidemiology and the Global Burden of Stroke. World Neurosurgery, 2011, 76, S85-S90.	1.3	461
2	ASSOCIATION OF SURGICALLY ACQUIRED MOTOR AND LANGUAGE DEFICITS ON OVERALL SURVIVAL AFTER RESECTION OF GLIOBLASTOMA MULTIFORME. Neurosurgery, 2009, 65, 463-470.	1,1	355
3	Survival of patients with malignant primary osseous spinal neoplasms: results from the Surveillance, Epidemiology, and End Results (SEER) database from 1973 to 2003. Journal of Neurosurgery: Spine, 2011, 14, 143-150.	1.7	139
4	Postoperative Venous Thromboembolism Rates Vary Significantly After Different Types of Major Abdominal Operations. Journal of Gastrointestinal Surgery, 2008, 12, 2015-2022.	1.7	100
5	Disparities in Access to Neuro-oncologic Care in the United States. Archives of Surgery, 2010, 145, 247.	2.2	91
6	Association of surgical resection and survival in patients with malignant primary osseous spinal neoplasms from the Surveillance, Epidemiology, and End Results (SEER) database. European Spine Journal, 2013, 22, 1375-1382.	2.2	88
7	Impact of COVID-19 on an Academic Neurosurgery Department: The Johns Hopkins Experience. World Neurosurgery, 2020, 139, e877-e884.	1.3	85
8	Disparities in Access to Pediatric Neurooncological Surgery in the United States. Pediatrics, 2009, 124, e688-e696.	2.1	60
9	Effect of Insurance and Racial Disparities on Outcomes in Traumatic Brain Injury. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2015, 76, 224-232.	0.8	55
10	Racial disparities in medicaid patients after brain tumor surgery. Journal of Clinical Neuroscience, 2013, 20, 57-61.	1.5	53
11	Association of Extent of Local Tumor Invasion and Survival in Patients with Malignant Primary Osseous Spinal Neoplasms from the Surveillance, Epidemiology, and End Results (SEER) Database. World Neurosurgery, 2011, 76, 580-585.	1.3	51
12	Burnout and career satisfaction among attending neurosurgeons during the COVID-19 pandemic. Clinical Neurology and Neurosurgery, 2020, 198, 106193.	1.4	51
13	Analysis of 8681 neonates with transposition of the great arteries: outcomes with and without Rashkind balloon atrial septostomy. Cardiology in the Young, 2010, 20, 373-380.	0.8	50
14	A national survey on the impact of the COVID-19 pandemic upon burnout and career satisfaction among neurosurgery residents. Journal of Clinical Neuroscience, 2020, 80, 137-142.	1.5	49
15	A systematic review and meta-analysis of supratotal versus gross total resection for glioblastoma. Journal of Neuro-Oncology, 2020, 148, 419-431.	2.9	48
16	The 5-factor modified frailty index: an effective predictor of mortality in brain tumor patients. Journal of Neurosurgery, 2020, 135, 78-86.	1.6	47
17	Predicting Postoperative Outcomes in Brain Tumor Patients With a 5-Factor Modified Frailty Index. Neurosurgery, 2021, 88, 147-154.	1.1	46
18	Racial and Gender Disparities and the Role of Primary Tumor Type on Inpatient Outcomes Following Craniotomy for Brain Metastases. Annals of Surgical Oncology, 2012, 19, 2657-2663.	1.5	36

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19	The 5-factor modified frailty index predicts health burden following surgery for pituitary adenomas. Pituitary, 2020, 23, 630-640.	2.9	36
20	Multiple resections and survival of recurrent glioblastoma patients in the temozolomide era. Journal of Clinical Neuroscience, 2016, 24, 105-111.	1.5	35
21	Association between in-hospital adverse events and mortality for patients with brain tumors. Journal of Neurosurgery, 2015, 123, 1247-1255.	1.6	32
22	Outcomes Analysis of Necrotizing Enterocolitis Within $11\hat{A}958$ Neonates Undergoing Cardiac Surgical Procedures. Archives of Surgery, 2010, 145, 389.	2.2	31
23	Impact of American Association of Neurological Surgeons Medical Student Interest Groups on Participation in Organized Neurosurgery, Research Productivity, and Residency Match Success. World Neurosurgery, 2020, 138, e437-e444.	1.3	27
24	Predictors of access to pituitary tumor resection in the United States, 1988–2005. European Journal of Endocrinology, 2009, 161, 259-265.	3.7	26
25	Treatment and survival of patients harboring histological variants of glioblastoma. Journal of Clinical Neuroscience, 2014, 21, 1709-1713.	1.5	24
26	Surgical Resection for Primary Central Nervous System Lymphoma: A Systematic Review. World Neurosurgery, 2019, 126, e1436-e1448.	1.3	23
27	Trends in endoscopic and microscopic transsphenoidal surgery: a survey of the international society of pituitary surgeons between 2010 and 2020. Pituitary, 2020, 23, 526-533.	2.9	23
28	Interspinous device versus laminectomy for lumbar spinal stenosis: a comparative effectiveness study. Spine Journal, 2014, 14, 1484-1492.	1.3	22
29	Recruiting Medical Students to Neurosurgery Through a Focused Neuroanatomy Lab Initiative. World Neurosurgery, 2020, 137, e535-e546.	1.3	22
30	A novel radiographic marker of sarcopenia with prognostic value in glioblastoma. Clinical Neurology and Neurosurgery, 2021, 207, 106782.	1.4	21
31	Treatment and survival of supratentorial and posterior fossa ependymomas in adults. Journal of Clinical Neuroscience, 2016, 28, 24-30.	1.5	20
32	A novel online calculator predicting short-term postoperative outcomes in patients with metastatic brain tumors. Journal of Neuro-Oncology, 2020, 149, 429-436.	2.9	19
33	Predictive Model and Online Calculator for Discharge Disposition in Brain Tumor Patients. World Neurosurgery, 2021, 146, e786-e798.	1.3	19
34	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. Neurosurgery, 2021, 89, 712-719.	1.1	19
35	Assessing the efficacy of repeat resections in recurrent glioblastoma: a systematic review. Neurosurgical Review, 2021, 44, 1259-1271.	2.4	16
36	Association between extent of resection on survival in adult brainstem high-grade glioma patients. Journal of Neuro-Oncology, 2019, 145, 479-486.	2.9	15

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37	Endoscopic endonasal versus transcranial approach to resection of olfactory groove meningiomas: a systematic review. Neurosurgical Review, 2020, 43, 1465-1471.	2.4	15
38	"Zooming in―on Glioblastoma: Understanding Tumor Heterogeneity and its Clinical Implications in the Era of Single-Cell Ribonucleic Acid Sequencing. Neurosurgery, 2021, 88, 477-486.	1.1	15
39	A systematic review of tumor treating fields therapy for high-grade gliomas. Journal of Neuro-Oncology, 2020, 148, 433-443.	2.9	14
40	Predictors of Treatment Delay in Aneurysmal Subarachnoid Hemorrhage Patients. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2015, 76, 46-55.	0.8	13
41	Effectiveness of radiotherapy for elderly patients with anaplastic gliomas. Journal of Clinical Neuroscience, 2014, 21, 773-778.	1.5	12
42	A national perspective of adult gangliogliomas. Journal of Clinical Neuroscience, 2016, 30, 65-70.	1.5	12
43	Do Long-Term Survivor Primary Glioblastoma Patients Harbor IDH1 Mutations?. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77, 195-200.	0.8	12
44	Adjuvant Radiosurgery Versus Serial Surveillance Following Subtotal Resection of Atypical Meningioma: A Systematic Analysis. World Neurosurgery, 2017, 98, 339-346.	1.3	12
45	Qualityâ€ofâ€life instruments in endoscopic endonasal skull base surgery—A practical systematic review. International Forum of Allergy and Rhinology, 2021, 11, 1264-1268.	2.8	12
46	Patient-Specific Factors Drive Intensive Care Unit and Total Hospital Length of Stay in Operative Patients with Brain Tumor. World Neurosurgery, 2021, 153, e338-e348.	1.3	12
47	Predictors of Nonroutine Discharge Disposition Among Patients with Parasagittal/Parafalcine Meningioma. World Neurosurgery, 2020, 142, e344-e349.	1.3	11
48	Optimizing the residency application process: insights from neurological surgery during the pandemic virtual application cycle. Journal of Neurosurgery, 2022, 137, 877-885.	1.6	11
49	The Prognostic Impact of Nutritional Status on Postoperative Outcomes in Glioblastoma. World Neurosurgery, 2021, 146, e865-e875.	1.3	10
50	Impact of Routine Endoscopic Skull Base Surgery on Subjective Olfaction and Gustation Outcomes. Operative Neurosurgery, 2021, 21, 137-142.	0.8	10
51	Variations in referral patterns for hypophysectomies among pediatric patients with sellar and parasellar tumors. Child's Nervous System, 2010, 26, 305-311.	1.1	9
52	Educational Program Rankings Are Independently Associated With Residents' Academic Career Trajectory in Neurological Surgery. Journal of Surgical Education, 2020, 77, 1312-1320.	2.5	9
53	Predictors of Academic Neurosurgical Career Trajectory among International Medical Graduates Training Within the United States. Neurosurgery, 2021, 89, 478-485.	1.1	9
54	Frailty in Patients Undergoing Surgery for Brain Tumors: A Systematic Review of the Literature. World Neurosurgery, 2022, 166, 268-278.e8.	1.3	9

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55	Preoperative BMI Predicts Postoperative Weight Gain in Adult-onset Craniopharyngioma. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1603-1617.	3.6	8
56	Predictors of Postoperative Visual Outcome After Surgical Intervention for Craniopharyngiomas. World Neurosurgery, 2021, 148, e589-e599.	1.3	8
57	Perceptions of the Virtual Neurosurgery Application Cycle During the Coronavirus Disease 2019 (COVID-19) Pandemic: A Program Director Survey. World Neurosurgery, 2021, 154, e590-e604.	1.3	8
58	Development of new brain metastases in triple negative breast cancer. Journal of Neuro-Oncology, 2021, 152, 333-338.	2.9	8
59	Quality of surgical care and readmission in elderly glioblastoma patients. Neuro-Oncology Practice, 2014, 1, 33-39.	1.6	7
60	The Lateral Orbitotomy Approach for Intraorbital Lesions. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 435-441.	0.8	7
61	Predicting High-Value Care Outcomes After Surgery for Skull Base Meningiomas. World Neurosurgery, 2021, 149, e427-e436.	1.3	7
62	Adapting the 5-factor modified frailty index for prediction of postprocedural outcome in patients with unruptured aneurysms. Journal of Neurosurgery, 2022, 136, 456-463.	1.6	7
63	The safety and efficacy of dexamethasone in the perioperative management of glioma patients. Journal of Neurosurgery, 2022, 136, 1062-1069.	1.6	7
64	Impact of master's degree attainment upon academic career placement in neurosurgery. Journal of Neurosurgery, 2021, 134, 295-303.	1.6	7
65	Comparative Analysis of Inpatient and Outpatient Interspinous Process Device Placement for Lumbar Spinal Stenosis. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2015, 76, 443-450.	0.8	6
66	Association between adjuvant radiation therapy and overall survival in Pleomorphic Xanthoastrocytoma. Clinical Neurology and Neurosurgery, 2020, 196, 106042.	1.4	6
67	Quality of Life Outcomes and Approach-Specific Morbidities in Endoscopic Endonasal Skull Base Surgery. Current Otorhinolaryngology Reports, 2020, 8, 160-169.	0.5	6
68	Predictors of an academic career among fellowship-trained spinal neurosurgeons. Journal of Neurosurgery: Spine, 2021, , 1-8.	1.7	6
69	Isolated extracranial intraosseous metastasis of an intracranial meningioma following bevacizumab therapy: Case report and review of the literature. Journal of Innovative Optical Health Sciences, 2018, 13, 98-101.	1.0	6
70	Quantifying the utility of a multidisciplinary neuro-oncology tumor board. Journal of Neurosurgery, 2020, 135, 87-92.	1.6	6
71	Social determinants of health and the prediction of 90-day mortality among brain tumor patients. Journal of Neurosurgery, 2022, 137, 1338-1346.	1.6	6
72	H3K27M-Altered Diffuse Midline Gliomas Among Adult Patients: A Systematic Review of Clinical Features and Survival Analysis. World Neurosurgery, 2022, 165, e251-e264.	1.3	6

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73	Hispanic and African American adult brain tumor patients treated at Harbor-UCLA Medical Center compared to Los Angeles County and Torrance, California. Journal of Clinical Neuroscience, 2018, 49, 22-25.	1.5	5
74	Predictors of an academic career among fellowship-trained open vascular and endovascular neurosurgeons. Journal of Neurosurgery, 2021, 134, 1173-1181.	1.6	5
75	Launching the Quality Outcomes Database Tumor Registry: rationale, development, and pilot data. Journal of Neurosurgery, 2022, 136, 369-378.	1.6	5
76	Burnout among medical students interested in neurosurgery during the COVID-19 era. Clinical Neurology and Neurosurgery, 2021, 210, 106958.	1.4	5
77	Predictors of inpatient complications and outcomes following surgical resection of hypothalamic hamartomas., 2011, 2, 105.		5
78	L5 Osteoid Osteoma Treated with Partial Laminectomy and Cement Augmentation. Cureus, 2019, 11, e4239.	0.5	5
79	The Suprasellar Meningioma Patient-Reported Outcome Survey: a disease-specific patient-reported outcome measure for resection of suprasellar meningioma. Journal of Neurosurgery, 2022, 136, 1551-1559.	1.6	5
80	Introducing Medical Students to the Burgeoning Field of Neuroplastic Surgery. Journal of Craniofacial Surgery, 2020, 31, 891-892.	0.7	4
81	An Online Calculator for Predicting Academic Career Trajectory in Neurosurgery in the United States. World Neurosurgery, 2021, 145, e155-e162.	1.3	4
82	The role of anticoagulation for superior sagittal sinus thrombosis following craniotomy for resection of parasagittal/parafalcine meningiomas. Journal of Neuro-Oncology, 2022, 156, 341-352.	2.9	4
83	Comparison of adult and pediatric pilocytic astrocytomas using competing risk analysis: A population-based study. Clinical Neurology and Neurosurgery, 2022, 212, 107084.	1.4	4
84	Novel Predictive Models for High-Value Care Outcomes Following Glioblastoma Resection. World Neurosurgery, 2022, 161, e572-e579.	1.3	4
85	Early repeat resection for residual glioblastoma: decision-making among an international cohort of neurosurgeons. Journal of Neurosurgery, 2022, 137, 1618-1627.	1.6	4
86	Giant encephalocele. British Journal of Neurosurgery, 2010, 24, 219-220.	0.8	3
87	Commentary: Deficiencies in Socioeconomic Training During Neurosurgical Training. Neurosurgery, 2019, 84, E79-E85.	1.1	3
88	In Reply to the Letter to the Editor Regarding "Impact of COVID-19 on an Academic Neurosurgery Department: The Johns Hopkins Experience― World Neurosurgery, 2020, 143, 601-602.	1.3	3
89	Predictors of Academic Career Trajectory Among Fellowship-Trained Neurosurgical Oncologists. Journal of Cancer Education, 2022, 37, 430-438.	1.3	3
90	Effect of radiation therapy on overall survival following subtotal resection of adult pilocytic astrocytoma. Journal of Clinical Neuroscience, 2020, 81, 340-345.	1.5	3

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91	Clinical features and surgical outcomes of intracranial and spinal cord subependymomas. Journal of Neurosurgery, 2022, 137, 931-942.	1.6	3
92	Predicting High-Value Care Outcomes After Surgery for Non–Skull Base Meningiomas. World Neurosurgery, 2022, 159, e130-e138.	1.3	3
93	Clinical predictors of survival for patients with atypical teratoid/rhabdoid tumors. Child's Nervous System, 2022, 38, 1297-1306.	1.1	3
94	Predictive factors for overall survival in surgical cases of gliomatosis cerebri from the National Cancer Database. Journal of Clinical Neuroscience, 2020, 81, 186-191.	1.5	2
95	In Reply: A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. Neurosurgery, 2021, Publish Ahead of Print, .	1.1	2
96	Surgery versus Conservative Care for Persistent Sciatica. New England Journal of Medicine, 2020, 383, 90-91.	27.0	1
97	Tranexamic acid for subarachnoid haemorrhage. Lancet, The, 2021, 398, 25.	13.7	1
98	The Young Neurosurgeons Committee of the American Association of Neurological Surgeons: the first 30 years. Journal of Neurosurgery, 2022, 136, 307-313.	1.6	1
99	In Reply: Predictors of Academic Neurosurgical Career Trajectory Among International Medical Graduates Training Within the United States. Neurosurgery, 2021, 89, E340.	1.1	1
100	Endoscopic Endonasal versus Transcranial Approach to Resection of Olfactory Groove Meningiomas: A Systematic Review. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	1
101	RADT-34. PREDICTIVE FACTORS FOR OVERALL SURVIVAL IN SURGICAL CASES OF GLIOMATOSIS CEREBRI FROM THE NATIONAL CANCER DATABASE. Neuro-Oncology, 2020, 22, ii188-ii189.	1.2	1
102	Machine learning models for predicting postoperative outcomes following skull base meningioma surgery. Journal of Neurological Surgery, Part B: Skull Base, O, , .	0.8	1
103	Commentary: A Connectomic Atlas of the Human Cerebrum. Operative Neurosurgery, 2018, 15, S483-S484.	0.8	O
104	DDIS-21. IN VITRO MICRODIALYSIS RECOVERY OF TRAMETINIB. Neuro-Oncology, 2019, 21, vi67-vi67.	1.2	0
105	INNV-20. A SYSTEMATIC REVIEW OF TUMOR TREATING FIELDS THERAPY FOR PRIMARY FOR RECURRENT AND GLIOBLASTOMA. Neuro-Oncology, 2019, 21, vi134-vi135.	1.2	O
106	In Reply to the Letter to the Editor Regarding "Recruiting Medical Students to Neurosurgery Through a Focused Neuroanatomy Lab Initiative― World Neurosurgery, 2020, 139, 708-709.	1.3	0
107	Endoscopic endonasal transpterygoid approach for reduction of a lateral recess encephalocele with postoperative cerebrospinal fluid leak. BMJ Case Reports, 2020, 13, e235877.	0.5	O
108	Evaluation and Management of Symptomatic Vasospasm following Endoscopic Endonasal Resection of Pediatric Adamantinomatous Craniopharyngioma. Case Reports in Pediatrics, 2020, 2020, 1-4.	0.4	0

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109	Topical Therapies to Prevent Aerosolization of Respiratory Viral Particles during Endonasal Skull Base Surgery: A Practical Review. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.8	0
110	In Reply to the Letter to the Editor Regarding "Predictors of Nonroutine Discharge Disposition Among Parasagittal/Parafalcine Meningioma Patients― World Neurosurgery, 2021, 146, 429.	1.3	0
111	Retrospective analysis of glioblastoma patients treated with bevacizumab who presented with multifocal disease at diagnosis Journal of Clinical Oncology, 2012, 30, 2080-2080.	1.6	0
112	MON-419 Sellar Plasmacytoma: A Commonly Misdiagnosed Sellar Mass. Journal of the Endocrine Society, 2019, 3, .	0.2	0
113	Predictors of Postoperative Visual Outcomes following Surgical Operation for Craniopharyngiomas. , 2020, 81, .		0
114	MON-276 Post-Surgical Metabolic Outcomes in Adult-Onset Craniopharyngioma: A Single Pituitary Center Experience. Journal of the Endocrine Society, 2020, 4, .	0.2	0
115	Establishment and Characterization of Two Novel Olfactory Neuroblastoma Cell Lines. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	0
116	RADT-27. ASSOCIATION BETWEEN ADJUVANT RADIATION THERAPY AND OVERALL SURVIVAL IN PLEOMORPHIC XANTHOASTROCYTOMA. Neuro-Oncology, 2020, 22, ii187-ii187.	1.2	0
117	NCOG-06. A NOVEL ONLINE CALCULATOR PREDICTING SHORT-TERM POSTOPERATIVE OUTCOMES IN METASTATIC BRAIN CANCER PATIENTS. Neuro-Oncology, 2020, 22, ii130-ii130.	1.2	0
118	SURG-21. A CROWDSOURCED CONSENSUS ON SUPRATOTAL RESECTION VERSUS GROSS TOTAL RESECTION FOR ANATOMICALLY DISTINCT PRIMARY GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii207-ii208.	1.2	0
119	RADT-29. EFFECT OF RADIATION THERAPY ON OVERALL SURVIVAL FOLLOWING SUBTOTAL RESECTION OF ADULT PILOCYTIC ASTROCYTOMA. Neuro-Oncology, 2020, 22, ii187-ii188.	1.2	0
120	NCOG-67. QUANTIFYING THE UTILITY OF A MULTIDISCIPLINARY NEURO-ONCOLOGY TUMOR BOARD. Neuro-Oncology, 2020, 22, ii144-ii144.	1.2	0
121	QOLP-15. QUALITATIVE STUDY OF DIFFERENTIAL QUALITY OF LIFE (QOL) IN SUPRASELLAR MENINGIOMA PATIENTS TREATED VIA ENDOSCOPIC ENDONASAL APPROACH VERSUS OPEN CRANIOTOMY. Neuro-Oncology, 2020, 22, ii178-ii178.	1.2	0
122	NCOG-05. MANAGEMENT OF BRAIN METASTASIS IN TRIPLE NEGATIVE BREAST CANCER. Neuro-Oncology, 2020, 22, ii130-ii130.	1.2	0
123	In Reply: Predictors of Academic Neurosurgical Career Trajectory Among International Medical Graduates Training Within the United States. Neurosurgery, 2021, Publish Ahead of Print, e29.	1.1	0
124	Retrospective Review of Surgical Site Infections after Endoscopic Endonasal Sellar and Parasellar Surgery: Multi-Center Quality Data from the North American Skull Base Society. Journal of Neurological Surgery, Part B: Skull Base, 0, 0, .	0.8	0