

Saksham Gupta

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104
papers

1,504
citations

19
h-index

36
g-index

112
ext. papers

2,204
ext. citations

3.7
avg, IF

5.13
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 104 | Passive Data Use for Ethical Digital Public Health Surveillance in a Postpandemic World.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e30524 | 7.6 | 1 |
| 103 | Spontaneous intramedullary abscesses caused by Streptococcus anginosus: two case reports and review of the literature.. <i>BMC Infectious Diseases</i> , 2022 , 22, 141 | 4 | 0 |
| 102 | Statins and Gliomas: A Systematic Review of the Preclinical Studies and Meta-Analysis of the Clinical Literature.. <i>Drugs</i> , 2022 , 82, 293 | 12.1 | 1 |
| 101 | Spinal level and cord involvement in the prediction of sepsis development after vertebral fracture repair for traumatic spinal injury.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-7 | 2.8 | |
| 100 | Advances in local therapy for glioblastoma - taking the fight to the tumour.. <i>Nature Reviews Neurology</i> , 2022 , | 15 | 5 |
| 99 | CRISPR-Cas knockout of miR21 reduces glioma growth.. <i>Molecular Therapy - Oncolytics</i> , 2022 , 25, 121-136 | 6.4 | 0 |
| 98 | Visual Outcomes after Endoscopic Endonasal Transsphenoidal Resection of Pituitary Adenomas: Our Institutional Experience. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021 , 82, e79-e87 | 1.5 | 0 |
| 97 | Leptomeningeal disease in neurosurgical brain metastases patients: A systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab162 | 0.9 | 1 |
| 96 | The low utility of routine cranial imaging after pediatric shunt revision. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 1-7 | 2.1 | 1 |
| 95 | Leveraging artificial intelligence in ischemic stroke imaging. <i>Journal of Neuroradiology</i> , 2021 , | 3.1 | 2 |
| 94 | Artificial Intelligence in Clinical Neurosurgery: More than Machinery. <i>World Neurosurgery</i> , 2021 , 149, 302-303 | 2.1 | 1 |
| 93 | Surgical and Peri-Operative Considerations for Brain Metastases. <i>Frontiers in Oncology</i> , 2021 , 11, 662943 | 5.3 | 3 |
| 92 | The Current Landscape of Oncolytic Herpes Simplex Viruses as Novel Therapies for Brain Malignancies. <i>Viruses</i> , 2021 , 13, | 6.2 | 2 |
| 91 | Trends in cerebrospinal fluid leak rates following the extended endoscopic endonasal approach for anterior skull base meningioma: a meta-analysis over the last 20 years. <i>Acta Neurochirurgica</i> , 2021 , 163, 711-719 | 3 | 4 |
| 90 | Extracellular Vesicle-Mediated Bilateral Communication between Glioblastoma and Astrocytes. <i>Trends in Neurosciences</i> , 2021 , 44, 215-226 | 13.3 | 6 |
| 89 | Comparative Analysis Identifies Similarities between the Human and Murine Microglial Sensomes. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 88 | The combined use of steroids and immune checkpoint inhibitors in brain metastasis patients: a systematic review and meta-analysis. <i>Neuro-Oncology</i> , 2021 , 23, 1261-1272 | 1 | 7 |

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| 87 | Living Proof of Activity of Extracellular Vesicles in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 2 |
| 86 | Genomic landscape of gliosarcoma: distinguishing features and targetable alterations. <i>Scientific Reports</i> , 2021 , 11, 18009 | 4.9 | 0 |
| 85 | Association of venous thromboembolism following pediatric traumatic spinal injuries with injury severity and longer hospital stays. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-7 | 2.8 | |
| 84 | Posterior Cerebral Artery Aneurysm Re-Rupture Following Revascularization for Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 106048 | 2.8 | 0 |
| 83 | Practice variation in perioperative steroid dosing for brain tumor patients: an international survey.. <i>World Neurosurgery</i> , 2021 , | 2.1 | 2 |
| 82 | Adult sports-related traumatic spinal injuries: do different activities predispose to certain injuries?. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-7 | 2.8 | 1 |
| 81 | Versatile Role of Rab27a in Glioma: Effects on Release of Extracellular Vesicles, Cell Viability, and Tumor Progression. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 554649 | 5.6 | 1 |
| 80 | Programmed Death Receptor Ligand One Expression May Independently Predict Survival in Patients With Non-Small Cell Lung Carcinoma Brain Metastases Receiving Immunotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 258-267 | 4 | 6 |
| 79 | Quality of care evaluation in non-functioning pituitary adenoma with chiasm compression: visual outcomes and timing of intervention clinical recommendations based on a systematic literature review and cohort study. <i>Pituitary</i> , 2020 , 23, 417-429 | 4.3 | 2 |
| 78 | GlioM&M: Web-based tool for studying circulating and infiltrating monocytes and macrophages in glioma. <i>Scientific Reports</i> , 2020 , 10, 9898 | 4.9 | 5 |
| 77 | Complex Management of Hydrocephalus Secondary To Choroid Plexus Hyperplasia. <i>World Neurosurgery</i> , 2020 , 141, 101-109 | 2.1 | 0 |
| 76 | Glioblastomas exploit truncated Olinked glycans for local and distant immune modulation via the macrophage galactose-type lectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3693-3703 | 11.5 | 29 |
| 75 | Central Nervous System-Invasive Eccrine Gland Carcinoma: A Clinicopathologic Case Series and Literature Review. <i>World Neurosurgery</i> , 2020 , 138, e17-e25 | 2.1 | 1 |
| 74 | The diagnosis and management of primary and iatrogenic soft tissue sarcomas of the sella. <i>Pituitary</i> , 2020 , 23, 558-572 | 4.3 | 3 |
| 73 | Translational Windows in Chordoma: A Target Appraisal. <i>Frontiers in Neurology</i> , 2020 , 11, 657 | 4.1 | 2 |
| 72 | Automating Clinical Chart Review: An Open-Source Natural Language Processing Pipeline Developed on Free-Text Radiology Reports From Patients With Glioblastoma. <i>JCO Clinical Cancer Informatics</i> , 2020 , 4, 25-34 | 5.2 | 5 |
| 71 | Medullary Infarction Leading to Locked-In Syndrome Following Lumbar Puncture in a Patient with Basilar Invagination. <i>World Neurosurgery</i> , 2020 , 137, 292-295 | 2.1 | 1 |
| 70 | Subtype switching in breast cancer brain metastases: a multicenter analysis. <i>Neuro-Oncology</i> , 2020 , 22, 1173-1181 | 1 | 31 |

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| 69 | Ethics in contemporary health care management and medical education. <i>Journal of Evaluation in Clinical Practice</i> , 2020 , 26, 699-706 | 2.5 | 9 |
| 68 | Systemic therapy following craniotomy in patients with a solitary breast cancer brain metastasis. <i>Breast Cancer Research and Treatment</i> , 2020 , 180, 147-155 | 4.4 | 4 |
| 67 | The ethical and legal status of neurosurgical guidelines: the neurosurgeon's golden fleece or Achilles heel?. <i>Neurosurgical Focus</i> , 2020 , 49, E14 | 4.2 | |
| 66 | Bilateral occipital metastases: Visual deficits and management considerations. <i>Surgical Neurology International</i> , 2020 , 11, 428 | 1 | 1 |
| 65 | Traumatic Brain Injury in Mumbai: A Survey of Providers along the Care Continuum. <i>Journal of Innovative Optical Health Sciences</i> , 2020 , 15, 627-633 | 1.2 | 1 |
| 64 | Immunophenotype of Vestibular Schwannomas. <i>Otology and Neurotology</i> , 2020 , 41, e1290-e1296 | 2.6 | 3 |
| 63 | Routine Blood Tests for Severe Traumatic Brain Injury: Can They Predict Outcomes?. <i>World Neurosurgery</i> , 2020 , 136, e60-e67 | 2.1 | 7 |
| 62 | Nanocarrier-based drug combination therapy for glioblastoma. <i>Theranostics</i> , 2020 , 10, 1355-1372 | 12.1 | 81 |
| 61 | The endoscopic endonasal approach or microscopic transcranial approach for anterior skull base meningiomas-it is all about right indication rather than superiority. <i>Acta Neurochirurgica</i> , 2020 , 162, 75-78 | | |
| 60 | Orally Administered 5-aminolevulinic Acid for Isolation and Characterization of Circulating Tumor-Derived Extracellular Vesicles in Glioblastoma Patients. <i>Cancers</i> , 2020 , 12, | 6.6 | 6 |
| 59 | Cohesion Between Research Literature and Health System Level Efforts to Address Global Neurosurgical Inequity: A Scoping Review. <i>World Neurosurgery</i> , 2020 , 143, e88-e105 | 2.1 | 5 |
| 58 | Diversity and equality in neurosurgery. <i>Lancet Neurology</i> , 2020 , 19, 645-646 | 24.1 | 2 |
| 57 | Impact of insurance on hospital course and readmission after resection of benign meningioma. <i>Journal of Neuro-Oncology</i> , 2020 , 149, 131-140 | 4.8 | 1 |
| 56 | Task-Shifting and Task-Sharing in Neurosurgery: An International Survey of Current Practices in Low- and Middle-Income Countries. <i>World Neurosurgery: X</i> , 2020 , 6, 100059 | 2.7 | 9 |
| 55 | Task-Sharing for Emergency Neurosurgery: A Retrospective Cohort Study in the Philippines. <i>World Neurosurgery: X</i> , 2020 , 6, 100058 | 2.7 | 9 |
| 54 | Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. <i>World Neurosurgery: X</i> , 2020 , 6, 100060 | 2.7 | 19 |
| 53 | Fibrinolytics and Intraventricular Hemorrhage: A Systematic Review and Meta-analysis. <i>Neurocritical Care</i> , 2020 , 32, 262-271 | 3.3 | 5 |
| 52 | Glioblastoma hijacks microglial gene expression to support tumor growth. <i>Journal of Neuroinflammation</i> , 2020 , 17, 120 | 10.1 | 30 |

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| 51 | Glioblastoma-Associated Microglia Reprogramming Is Mediated by Functional Transfer of Extracellular miR-21. <i>Cell Reports</i> , 2019 , 28, 3105-3119.e7 | 10.6 | 89 |
| 50 | Long-Term Durability of Open Surgical versus Endovascular Repair of Intracranial Aneurysms: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019 , 132, e820-e833 | 2.1 | 7 |
| 49 | Computed Tomography Angiography Versus Digital Subtraction Angiography for Postclipping Aneurysm Obliteration Detection. <i>Stroke</i> , 2019 , 50, 381-388 | 6.7 | 14 |
| 48 | Trends in High-Impact Neurosurgical Randomized Controlled Trials Published in General Medical Journals: A Systematic Review. <i>World Neurosurgery</i> , 2019 , 129, e158-e170 | 2.1 | 2 |
| 47 | Passive data collection and use in healthcare: A systematic review of ethical issues. <i>International Journal of Medical Informatics</i> , 2019 , 129, 242-247 | 5.3 | 33 |
| 46 | Response by Smith and Gupta to Letter Regarding Article, "Computed Tomography Angiography Versus Digital Subtraction Angiography for Postclipping Aneurysm Obliteration Detection: A Meta-Analysis". <i>Stroke</i> , 2019 , 50, e159 | 6.7 | |
| 45 | Prognostic Value of Brain Metastasis-Free Interval in Patients with Breast Cancer Brain Metastases. <i>World Neurosurgery</i> , 2019 , 128, e157-e164 | 2.1 | 4 |
| 44 | Unnecessary Diagnostics in Neurosurgery: Finding the Ethical Balance. <i>World Neurosurgery</i> , 2019 , 125, 527-528 | 2.1 | 3 |
| 43 | When Time Is Critical, Is Informed Consent Less So? A Discussion of Patient Autonomy in Emergency Neurosurgery. <i>World Neurosurgery</i> , 2019 , 125, e336-e340 | 2.1 | 2 |
| 42 | Variation in Coding Practices for Vestibular Schwannoma Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019 , 80, 96-102 | 1.5 | 2 |
| 41 | Glioma EVs Contribute to Immune Privilege in the Brain. <i>Trends in Cancer</i> , 2019 , 5, 393-396 | 12.5 | 11 |
| 40 | Evidence-based dexamethasone dosing in malignant brain tumors: what do we really know?. <i>Journal of Neuro-Oncology</i> , 2019 , 144, 249-264 | 4.8 | 14 |
| 39 | SURG-09. SURGICAL AND PERI-OPERATIVE CONSIDERATIONS FOR BRAIN METASTASES: A NATIONWIDE ANALYSIS. <i>Neuro-Oncology Advances</i> , 2019 , 1, i32-i32 | 0.9 | 78 |
| 38 | Morbidity after traumatic spinal injury in pediatric and adolescent sports-related trauma. <i>Journal of Neurosurgery: Spine</i> , 2019 , 1-7 | 2.8 | 5 |
| 37 | Pneumatosis Intestinalis After Molecular-Targeted Therapy. <i>World Neurosurgery</i> , 2019 , 125, 312-315 | 2.1 | 4 |
| 36 | Treatment and survival of osteosarcoma and Ewing sarcoma of the skull: a SEER database analysis. <i>Acta Neurochirurgica</i> , 2019 , 161, 317-325 | 3 | 17 |
| 35 | Treatment of malignant gliomas with ketogenic or caloric restricted diets: A systematic review of preclinical and early clinical studies. <i>Clinical Nutrition</i> , 2019 , 38, 1986-1994 | 5.9 | 19 |
| 34 | Predicting Readmission and Reoperation for Benign Cranial Nerve Neoplasms: A Nationwide Analysis. <i>World Neurosurgery</i> , 2019 , 121, e223-e229 | 2.1 | 3 |

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| 33 | Outcomes of intraparenchymal hemorrhage after direct oral anticoagulant or vitamin K antagonist therapy: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2019 , 62, 188-194 | 2.2 | 1 |
| 32 | Treatment and survival differences across tumor sites in malignant peripheral nerve sheath tumors: a SEER database analysis and review of the literature. <i>Neuro-Oncology Practice</i> , 2019 , 6, 134-143 | 2.2 | 10 |
| 31 | A nationwide analysis of 30-day adverse events, unplanned readmission, and length of hospital stay after peripheral nerve surgery in extremities and the brachial plexus. <i>Microsurgery</i> , 2019 , 39, 115-123 | 2.1 | 6 |
| 30 | International practice variation in postoperative imaging of chronic subdural hematoma patients. <i>Journal of Neurosurgery</i> , 2018 , 131, 1912-1919 | 3.2 | 7 |
| 29 | Thirty-Day Outcomes After Craniotomy for Primary Malignant Brain Tumors: A National Surgical Quality Improvement Program Analysis. <i>Neurosurgery</i> , 2018 , 83, 1249-1259 | 3.2 | 25 |
| 28 | Clinical applications of dynamic CT angiography for intracranial lesions. <i>Acta Neurochirurgica</i> , 2018 , 160, 675-680 | 3 | 25 |
| 27 | Length of Thromboprophylaxis in Patients Operated on for a High-Grade Glioma: A Retrospective Study. <i>World Neurosurgery</i> , 2018 , 115, e723-e730 | 2.1 | 6 |
| 26 | Oversight in Surgical Innovation: A Response to Ethical Challenges. <i>World Journal of Surgery</i> , 2018 , 42, 2773-2780 | 3.3 | 8 |
| 25 | Impact of helmet use on traumatic brain injury from road traffic accidents in Cambodia. <i>Traffic Injury Prevention</i> , 2018 , 19, 66-70 | 1.8 | 7 |
| 24 | Venous thromboembolism and intracranial hemorrhage after craniotomy for primary malignant brain tumors: a National Surgical Quality Improvement Program analysis. <i>Journal of Neuro-Oncology</i> , 2018 , 136, 135-145 | 4.8 | 35 |
| 23 | Machine Learning and Neurosurgical Outcome Prediction: A Systematic Review. <i>World Neurosurgery</i> , 2018 , 109, 476-486.e1 | 2.1 | 176 |
| 22 | Craniopharyngioma: a roadmap for scientific translation. <i>Neurosurgical Focus</i> , 2018 , 44, E12 | 4.2 | 15 |
| 21 | Variation in Coding Practices for Vestibular Schwannoma Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, S1-S188 | 1.5 | |
| 20 | Quality of reporting and assessment of patient-reported health-related quality of life in patients with brain metastases: a systematic review. <i>Neuro-Oncology Practice</i> , 2018 , 5, 214-222 | 2.2 | 6 |
| 19 | CMET-32. BILATERAL OCCIPITAL METASTASES: MANAGEMENT CONSIDERATIONS AND CORTICAL BLINDNESS. <i>Neuro-Oncology</i> , 2018 , 20, vi60-vi61 | 1 | 78 |
| 18 | CMET-07. FRAILITY PREDICTS MORTALITY AFTER RESECTION OF BRAIN METASTASES. <i>Neuro-Oncology</i> , 2018 , 20, vi55-vi55 | 1 | 78 |
| 17 | HOUT-02. VARIATION IN POST-OPERATIVE LENGTH OF STAY IN NEURO-ONCOLOGIC SURGERY. <i>Neuro-Oncology</i> , 2018 , 20, vi113-vi113 | 1 | 78 |
| 16 | HOUT-20. AN ONLINE CALCULATOR FOR THE PREDICTION OF SURVIVAL AND ADJUVANT TREATMENT BENEFIT IN GLIOBLASTOMA PATIENTS. <i>Neuro-Oncology</i> , 2018 , 20, vi117-vi117 | 1 | 78 |

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| 15 | Dexamethasone Administration and Mortality in Patients with Brain Abscess: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018 , 115, 257-263 | 2.1 | 8 |
| 14 | Impact of Helmet Use on Severity of Epidural Hematomas in Cambodia. <i>World Neurosurgery</i> , 2017 , 100, 267-270 | 2.1 | 5 |
| 13 | Readmission and Other Adverse Events after Transsphenoidal Surgery: Prevalence, Timing, and Predictive Factors. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 971-979 | 4.4 | 35 |
| 12 | Ethical considerations of neuro-oncology trial design in the era of precision medicine. <i>Journal of Neuro-Oncology</i> , 2017 , 134, 1-7 | 4.8 | 5 |
| 11 | The Changing Health Care Landscape and Implications of Organizational Ethics on Modern Medical Practice. <i>World Neurosurgery</i> , 2017 , 102, 420-424 | 2.1 | 18 |
| 10 | Defensive medicine among neurosurgeons in the Netherlands: a national survey. <i>Acta Neurochirurgica</i> , 2017 , 159, 2341-2350 | 3 | 16 |
| 9 | Risk of aspirin continuation in spinal surgery: a systematic review and meta-analysis. <i>Spine Journal</i> , 2017 , 17, 1939-1946 | 4 | 15 |
| 8 | Impact of operative length on post-operative complications in meningioma surgery: a NSQIP analysis. <i>Journal of Neuro-Oncology</i> , 2017 , 131, 59-67 | 4.8 | 26 |
| 7 | The Woven Endobridge Device for Treatment of Intracranial Aneurysms: A Systematic Review. <i>World Neurosurgery</i> , 2017 , 98, 809-817.e1 | 2.1 | 19 |
| 6 | Radiographic prediction of meningioma grade by semantic and radiomic features. <i>PLoS ONE</i> , 2017 , 12, e0187908 | 3.7 | 66 |
| 5 | Dramatic Response to Sorafenib in Olfactory Neuroblastoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156 | 1.5 | |
| 4 | Craniopharyngioma Pathogenesis and Implications for Medical Management. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156 | 1.5 | |
| 3 | Hypophysitis: Presenting Characteristics and Outcomes of 146 Patients. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156 | 1.5 | |
| 2 | Applications of Dynamic CT Angiography. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156 | 1.5 | |
| 1 | Metastatic Gastrointestinal Stromal Tumor to the Skull. <i>World Neurosurgery</i> , 2016 , 89, 725.e11-6 | 2.1 | 3 |