

# Mandeep S Tamber

## List of Publications by Year in descending order

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79  
papers

2,221  
citations

257450

24  
h-index

243625

44  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for shunt malfunction in pediatric hydrocephalus: a multicenter prospective cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 382-390.	1.3	188
2	Neurosurgical management of intractable rolandic epilepsy in children: role of resection in eloquent cortex. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 199-216.	1.3	145
3	Outcomes of CSF shunting in children: comparison of Hydrocephalus Clinical Research Network cohort with historical controls. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 334-338.	1.3	132
4	Endoscopic third ventriculostomy and choroid plexus cauterization in infants with hydrocephalus: a retrospective Hydrocephalus Clinical Research Network study. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 224-229.	1.3	129
5	Risk Factors for First Cerebrospinal Fluid Shunt Infection: Findings from a Multi-Center Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2014, 164, 1462-1468.e2.	1.8	105
6	A new Hydrocephalus Clinical Research Network protocol to reduce cerebrospinal fluid shunt infection. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 391-396.	1.3	105
7	Endoscopic third ventriculostomy in children: prospective, multicenter results from the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 423-429.	1.3	100
8	Shunting outcomes in posthemorrhagic hydrocephalus: results of a Hydrocephalus Clinical Research Network prospective cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 19-29.	1.3	96
9	Complications in 622 Cases of Frame-Based Stereotactic Biopsy, a Decreasing Procedure. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 79-84.	0.5	91
10	Endoscopic third ventriculostomy and choroid plexus cauterization in infant hydrocephalus: a prospective study by the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 214-223.	1.3	66
11	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 8: Management of cerebrospinal fluid shunt infection. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 60-71.	1.3	63
12	Pediatric supratentorial high-grade gliomas. <i>Neurosurgical Focus</i> , 2003, 14, 1-8.	2.3	52
13	'Hemispherical asymmetry in the Meyer's Loop': a prospective study of visual-field deficits in 105 cases undergoing anterior temporal lobe resection for epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 985-991.	1.9	52
14	Severe cerebral edema following nivolumab treatment for pediatric glioblastoma: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 249-253.	1.3	48
15	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Role of Cranial Molding Orthosis (Helmet) Therapy for Patients With Positional Plagiocephaly. <i>Neurosurgery</i> , 2016, 79, E632-E633.	1.1	44
16	Prospective surveillance of complications in a pediatric neurosurgery unit. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 544-548.	1.3	43
17	Ventricular catheter entry site and not catheter tip location predicts shunt survival: a secondary analysis of 3 large pediatric hydrocephalus studies. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 157-167.	1.3	39
18	Predictors of success for combined endoscopic third ventriculostomy and choroid plexus cauterization in a North American setting: a Hydrocephalus Clinical Research Network study. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 128-138.	1.3	38

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19	Vagus nerve stimulation in children less than 3 years with medically intractable epilepsy. <i>Epilepsy Research</i> , 2015, 112, 37-42.	1.6	37
20	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 3: Endoscopic computer-assisted electromagnetic navigation and ultrasonography as technical adjuncts for shunt placement. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 24-29.	1.3	36
21	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for the Management of Patients With Positional Plagiocephaly. <i>Neurosurgery</i> , 2016, 79, 623-624.	1.1	36
22	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 9: Effect of ventricular catheter entry point and position. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 72-76.	1.3	31
23	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Management of Patients With Positional Plagiocephaly. <i>Neurosurgery</i> , 2016, 79, E630-E631.	1.1	29
24	Hemispherectomy for the Control of Intractable Epilepsy in Childhood: Comparison of 2 Surgical Techniques in a Single Institution. <i>Operative Neurosurgery</i> , 2010, 67, ons429-ons436.	0.8	25
25	InÂVivo Demonstration of Traumatic Rupture of the Bridging Veins in Abusive Head Trauma. <i>Pediatric Neurology</i> , 2017, 72, 31-35.	2.1	23
26	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Positional Plagiocephaly. <i>Neurosurgery</i> , 2016, 79, E627-E629.	1.1	21
27	Variability in Management of First Cerebrospinal Fluid Shunt Infection: A Prospective Multi-Institutional Observational Cohort Study. <i>Journal of Pediatrics</i> , 2016, 179, 185-191.e2.	1.8	21
28	Variation in the management of isolated craniosynostosis: a survey of the Synostosis Research Group. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 627-631.	1.3	21
29	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Pediatric Myelomeningocele: Executive Summary. <i>Neurosurgery</i> , 2019, 85, 299-301.	1.1	20
30	Occipital-Cervical Fusion and Ventral Decompression in the Surgical Management of Chiari-1 Malformation and Syringomyelia: Analysis of Data From the Park-Reeves Syringomyelia Research Consortium. <i>Neurosurgery</i> , 2021, 88, 332-341.	1.1	18
31	Use of neuroimaging measurements of optic nerve sheath diameter to assess intracranial pressure in craniosynostosis. <i>Child's Nervous System</i> , 2018, 34, 939-946.	1.1	17
32	Factors associated with ventricular catheter movement and inaccurate catheter location: post hoc analysis of the Hydrocephalus Clinical Research Network Ultrasound-Guided Shunt Placement study. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 173-178.	1.3	16
33	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Diagnosis of Patients With Positional Plagiocephaly. <i>Neurosurgery</i> , 2016, 79, E625-E626.	1.1	16
34	Reinfection after treatment of first cerebrospinal fluid shunt infection: a prospective observational cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 346-358.	1.3	16
35	Longitudinal <scp>CSF</scp> Iron Pathway Proteins in <scp>Posthemorrhagic</scp> Hydrocephalus: Associations with Ventricle Size and Neurodevelopmental Outcomes. <i>Annals of Neurology</i> , 2021, 90, 217-226.	5.3	15
36	North American survey on the post-neuroimaging management of children with mild head injuries. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 227-235.	1.3	15

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37	Current concepts in the molecular genetics of pediatric brain tumors: implications for emerging therapies. <i>Child's Nervous System</i> , 2006, 22, 1379-1394.	1.1	14
38	A Treatment Algorithm for Patients Presenting with Sagittal Craniosynostosis after the Age of 1 Year. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 582-590.	1.4	14
39	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Treatment of Pediatric Hydrocephalus: Update of the 2014 Guidelines. <i>Neurosurgery</i> , 2020, 87, 1071-1075.	1.1	14
40	Pediatric Epilepsy: Neurology, Functional Imaging, and Neurosurgery. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 170-187.	4.6	13
41	Patient and Treatment Characteristics by Infecting Organism in Cerebrospinal Fluid Shunt Infection. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 235-243.	1.3	12
42	Thalamic Deep Brain Stimulation for Spasmodic Dysphonia: A Phase I Prospective Randomized Double-Blind Crossover Trial. <i>Neurosurgery</i> , 2021, 89, 45-52.	1.1	11
43	Blindness From Late Presenting Undiagnosed Pancraniosynostosis Mimicking Pseudotumor Cerebri. <i>Journal of Child Neurology</i> , 2014, 29, NP24-NP27.	1.4	10
44	Canadian Assessment of Deep Brain Stimulation Access: The Canada Study. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 553-558.	0.5	10
45	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Incidence of Shunt-Dependent Hydrocephalus in Infants With Myelomeningocele After Prenatal Versus Postnatal Repair. <i>Neurosurgery</i> , 2019, 85, E405-E408.	1.1	9
46	Radiological and clinical predictors of scoliosis in patients with Chiari malformation type I and spinal cord syrinx from the Park-Reeves Syringomyelia Research Consortium. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 520-527.	1.3	9
47	Advances in the Diagnosis and Treatment of Epilepsy. <i>Seminars in Nuclear Medicine</i> , 2012, 42, 371-386.	4.6	8
48	Contrast-enhanced 3-dimensional Fluid-attenuated Inversion Recovery Sequences Have Greater Sensitivity for Detection of Leptomeningeal Metastases in Pediatric Brain Tumors Compared With Conventional Spoiled Gradient Echo Sequences. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, 316-319.	0.6	8
49	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Incidence of Tethered Cord Syndrome in Infants With Myelomeningocele With Prenatal Versus Postnatal Repair. <i>Neurosurgery</i> , 2019, 85, E417-E419.	1.1	8
50	Predictors of fast and ultrafast shunt failure in pediatric hydrocephalus: a Hydrocephalus Clinical Research Network study. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 277-286.	1.3	8
51	Insights into the epidemiology of infant hydrocephalus. <i>Child's Nervous System</i> , 2021, 37, 3305-3311.	1.1	8
52	The diagnosis of posterior reversible encephalopathy syndrome. <i>Lancet Neurology</i> , The, 2015, 14, 1074-1075.	10.2	7
53	Surgical resource utilization after initial treatment of infant hydrocephalus: comparing ETV, early experience of ETV with choroid plexus cauterization, and shunt insertion in the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 337-345.	1.3	7
54	Foreword: Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 1-2.	1.3	6

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55	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Myelomeningocele: Whether Prenatal or Postnatal Closure Affects Future Ambulatory Status. <i>Neurosurgery</i> , 2019, 85, E409-E411.	1.1	6
56	The Incidence of Chiari Malformations in Patients with Isolated Sagittal Synostosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2090.	0.6	6
57	Tremor and Quality of Life in Patients With Advanced Essential Tremor Before and After Replacing Their Standard Deep Brain Stimulation With a Directional System. <i>Neuromodulation</i> , 2021, 24, 353-360.	0.8	6
58	Cerebrospinal fluid NCAM-1 concentration is associated with neurodevelopmental outcome in post-hemorrhagic hydrocephalus of prematurity. <i>PLoS ONE</i> , 2021, 16, e0247749.	2.5	6
59	In Reply: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Treatment of Pediatric Hydrocephalus: Update of the 2014 Guidelines. <i>Neurosurgery</i> , 2021, 89, E76-E77.	1.1	6
60	Impact of ventricle size on neuropsychological outcomes in treated pediatric hydrocephalus: an HCRN prospective cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 245-256.	1.3	6
61	The Hydrocephalus Clinical Research Network quality improvement initiative: the role of antibiotic-impregnated catheters and vancomycin wound irrigation. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 711-718.	1.3	6
62	Treatment strategies for hydrocephalus related to Dandy-Walker syndrome: evaluating procedure selection and success within the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 93-101.	1.3	5
63	Malignant clinical course of mycotic intracranial aneurysms in children: A review. , 2020, 11, 71.		5
64	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Closure of Myelomeningocele Within 48 Hours to Decrease Infection Risk. <i>Neurosurgery</i> , 2019, 85, E412-E413.	1.1	4
65	Diagnostic Accuracy of Non-Invasive Thermal Evaluation of Ventriculoperitoneal Shunt Flow in Shunt Malfunction: A Prospective, Multi-Site, Operator-Blinded Study. <i>Neurosurgery</i> , 2020, 87, 939-948.	1.1	4
66	Evaluation of the Patient-Practitioner Consultation on Surgical Treatment Options for Patients With Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2020, Publish Ahead of Print, 1186-1190.	0.7	4
67	Long-term upper extremity performance in children with cerebral palsy following selective dorsal rhizotomy. <i>Child's Nervous System</i> , 2021, 37, 1983-1989.	1.1	4
68	Temporal trends in surgical procedures for pediatric hydrocephalus: an analysis of the Hydrocephalus Clinical Research Network Core Data Project. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, , 1-8.	1.3	4
69	Hydrocephalus treatment in patients with craniosynostosis: an analysis from the Hydrocephalus Clinical Research Network prospective registry. <i>Neurosurgical Focus</i> , 2021, 50, E11.	2.3	4
70	Patient and parental assessment of factors influencing the choice of treatment in pediatric hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 490-494.	1.3	4
71	Anterior versus posterior entry site for ventriculoperitoneal shunt insertion: a randomized controlled trial by the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 257-267.	1.3	4
72	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Myelomeningocele: Whether Persistent Ventriculomegaly Adversely Impacts Neurocognitive Development. <i>Neurosurgery</i> , 2019, 85, E414-E416.	1.1	3

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73	Reinfection rates following adherence to Infectious Diseases Society of America guideline recommendations in first cerebrospinal fluid shunt infection treatment. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 577-585.	1.3	2
74	Syndromic and Systemic Diagnoses Associated With Isolated Sagittal Synostosis. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2540.	0.6	2
75	Immediate replacement of bone flap after craniotomy for empyema in children. <i>Child's Nervous System</i> , 2021, 37, 475-479.	1.1	2
76	Comparison of Shuntcheck to Neuroimaging for Diagnosing Ventricular Shunt Malfunction in the Emergency Department. <i>Pediatrics</i> , 2016, 137, 287A-287A.	2.1	1
77	A qualitative study of transitioning patients with hydrocephalus from pediatric to adult care: fear of uncertainty, communication gaps, independence, and loss of relationships. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 1-7.	1.3	1
78	Endoscopic third ventriculostomy revision after failure of initial endoscopic third ventriculostomy and choroid plexus cauterization. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 8-17.	1.3	1
79	Supratentorial Primitive Neuroectodermal Tumors. , 2005, , 675-681.		0