

# Sandeep Sood

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,547  
citations

331670

21  
h-index

330143

37  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of subdural electrocorticography in prediction of long-term seizure outcome in epilepsy surgery. <i>Brain</i> , 2009, 132, 1038-1047.	7.6	157
2	Three- and four-dimensional mapping of speech and language in patients with epilepsy. <i>Brain</i> , 2017, 140, 1351-1370.	7.6	109
3	Relevance of surgical strategies for the management of pediatric Chiari type I malformation. <i>Child's Nervous System</i> , 2007, 23, 691-696.	1.1	91
4	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. <i>Clinical Neurophysiology</i> , 2016, 127, 2489-2499.	1.5	89
5	Prospective feasibility and safety assessment of surgical biopsy for patients with newly diagnosed diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2018, 20, 1547-1555.	1.2	82
6	Surgical treatment for refractory epileptic spasms: The Detroit series. <i>Epilepsia</i> , 2015, 56, 1941-1949.	5.1	72
7	Phase-amplitude coupling between interictal high-frequency activity and slow waves in epilepsy surgery. <i>Epilepsia</i> , 2018, 59, 1954-1965.	5.1	68
8	Endoscopic corpus callosotomy and hemispherotomy. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 681-686.	1.3	60
9	Objective interictal electrophysiology biomarkers optimize prediction of epilepsy surgery outcome. <i>Brain Communications</i> , 2021, 3, fcab042.	3.3	45
10	Functional neuroimaging in the preoperative evaluation of children with drug-resistant epilepsy. <i>Child's Nervous System</i> , 2006, 22, 810-820.	1.1	41
11	Presurgical language mapping using event-related high-gamma activity: The Detroit procedure. <i>Clinical Neurophysiology</i> , 2018, 129, 145-154.	1.5	40
12	Four-dimensional functional cortical maps of visual and auditory language: Intracranial recording. <i>Epilepsia</i> , 2019, 60, 255-267.	5.1	39
13	Corpus Callosotomy for Intractable Epilepsy Revisited: The Children's Hospital of Michigan Series. <i>Journal of Child Neurology</i> , 2017, 32, 624-629.	1.4	36
14	Pure endoscopic removal of pineal region tumors. <i>Child's Nervous System</i> , 2011, 27, 1489-1492.	1.1	35
15	Corpus callosotomy—Open and endoscopic surgical techniques. <i>Epilepsia</i> , 2017, 58, 73-79.	5.1	34
16	Subtotal hemispherectomy in children with intractable focal epilepsy. <i>Epilepsia</i> , 2014, 55, 1926-1933.	5.1	31
17	Quantitative analysis of intracranial electrocorticography signals using the concept of statistical parametric mapping. <i>Scientific Reports</i> , 2019, 9, 17385.	3.3	30
18	Effect of molding helmet on head shape in nonsurgically treated sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 7, 627-632.	1.3	29

#	ARTICLE	IF	CITATIONS
19	The cerebral venous system and the postural regulation of intracranial pressure: implications in the management of patients with cerebrospinal fluid diversion. <i>Child's Nervous System</i> , 2016, 32, 599-607.	1.1	29
20	Complications of bioresorbable fixation systems in pediatric neurosurgery. <i>Child's Nervous System</i> , 2005, 21, 205-210.	1.1	28
21	Postural Changes in Intracranial Pressure in Chronically Shunted Patients. <i>Pediatric Neurosurgery</i> , 2000, 33, 64-69.	0.7	27
22	Endoscopic fenestration and coagulation shrinkage of suprasellar arachnoid cysts. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 102, 127-133.	1.3	21
23	Six-dimensional dynamic tractography atlas of language connectivity in the developing brain. <i>Brain</i> , 2021, 144, 3340-3354.	7.6	21
24	A distinct microRNA expression profile is associated with $^{11}C$ -methyl-L-tryptophan (AMT) PET uptake in epileptogenic cortical tubers resected from patients with tuberous sclerosis complex. <i>Neurobiology of Disease</i> , 2018, 109, 76-87.	4.4	19
25	Periventricular rigidity in long-term shunt-treated hydrocephalus. <i>Journal of Neurosurgery</i> , 2005, 102, 146-149.	1.6	18
26	Seizure Control Following Palliative Resective Surgery for Intractable Epilepsy—A Pilot Study. <i>Pediatric Neurology</i> , 2014, 51, 330-335.	2.1	18
27	Dynamic tractography-based localization of spike sources and animation of spike propagations. <i>Epilepsia</i> , 2021, 62, 2372-2384.	5.1	16
28	Cortical thickness asymmetries and surgical outcome in neocortical epilepsy. <i>Journal of the Neurological Sciences</i> , 2016, 368, 97-103.	0.6	15
29	Endoscopic posterior interhemispheric complete corpus callosotomy. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 689-692.	1.3	15
30	The role of lumbar shunts in the management of slit ventricles: does the slit-ventricle syndrome exist?. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 103, 119-123.	1.3	14
31	Effects of depth electrode montage and single-pulse electrical stimulation sites on neuronal responses and effective connectivity. <i>Clinical Neurophysiology</i> , 2020, 131, 2781-2792.	1.5	14
32	Naming-related spectral responses predict neuropsychological outcome after epilepsy surgery. <i>Brain</i> , 2022, 145, 517-530.	7.6	14
33	Pathophysiological changes in cerebrovascular distensibility in patients undergoing chronic shunt therapy. <i>Journal of Neurosurgery: Pediatrics</i> , 2004, 100, 447-453.	1.3	13
34	Interhemispheric endoscopic resection of large intraventricular and thalamic tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 7, 596-599.	1.3	13
35	Effect of molding helmets on intracranial pressure and head shape in nonsurgically treated sagittal craniosynostosis patients. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 207-212.	1.3	13
36	Anatomical hemispherectomy revisited—outcome, blood loss, hydrocephalus, and absence of chronic hemosiderosis. <i>Child's Nervous System</i> , 2019, 35, 1341-1349.	1.1	13

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37	Characterization of a multicenter pediatric-hydrocephalus shunt biobank. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 45.	5.0	12
38	Exosomes in Epilepsy of Tuberous Sclerosis Complex: Carriers of Pro-Inflammatory MicroRNAs. <i>Non-coding RNA</i> , 2021, 7, 40.	2.6	12
39	Role of external ventriculostomy in the management of fever after hemispherectomy. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 427-429.	1.3	11
40	Evaluating signal-correlated noise as a control task with language-related gamma activity on electrocorticography. <i>Clinical Neurophysiology</i> , 2014, 125, 1312-1323.	1.5	11
41	Four-dimensional tractography animates propagations of neural activation via distinct interhemispheric pathways. <i>Clinical Neurophysiology</i> , 2021, 132, 520-529.	1.5	11
42	The role of lumboperitoneal shunts in managing chronic hydrocephalus with slit ventricles. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 632-637.	1.3	10
43	Temporally and functionally distinct large-scale brain network dynamics supporting task switching. <i>NeuroImage</i> , 2022, 254, 119126.	4.2	10
44	Effect of Preoperative Molding Helmet in Patients With Sagittal Synostosis. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 898-903.	0.7	9
45	Midline suboccipital burr hole for posterior fossa craniotomy. <i>Child's Nervous System</i> , 2010, 26, 953-955.	1.1	7
46	Apparent diffusion coefficient mapping in medulloblastoma predicts non-infiltrative surgical planes. <i>Child's Nervous System</i> , 2016, 32, 2183-2187.	1.1	7
47	Successful Surgical Treatment of Refractory Status Epilepticus in a 12-Day-Old Infant. <i>Pediatric Neurology</i> , 2019, 92, 73-75.	2.1	6
48	Significance of preserving the vein of LabbÃ© in epilepsy surgery involving temporal lobe resection. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 105, 210-213.	1.3	5
49	Letter to the Editor: Intracranial pressure and sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 351-355.	1.3	4
50	Elimination of medically intractable epileptic drop attacks following endoscopic total corpus callosotomy in Rett syndrome. <i>Child's Nervous System</i> , 2017, 33, 1883-1887.	1.1	4
51	Sporadic Meningioangiomas: A Series of Three Pediatric Cases. <i>Cureus</i> , 2017, 9, e1640.	0.5	4
52	Migration of a ventriculo-peritoneal shunt catheter into a back incision of a patient with previous spinal fusion. <i>Child's Nervous System</i> , 2018, 34, 787-789.	1.1	3
53	Avoiding the pocket: A case report of coiling of distal shunt catheter into subcutaneous pocket. <i>International Journal of Surgery Case Reports</i> , 2017, 41, 61-64.	0.6	2
54	Spontaneous Resolution of Asymptomatic Pediatric Suprasellar Arachnoid Cysts: Report of 2 Cases and Review of the Literature. <i>Pediatric Neurosurgery</i> , 2020, 55, 62-66.	0.7	2

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55	Minimizing blood loss in hemispherectomy for hemimegalencephaly in low-weight infants: technical note. <i>Child's Nervous System</i> , 2020, 36, 841-845.	1.1	2
56	Spontaneous modulations of high-frequency cortical activity. <i>Clinical Neurophysiology</i> , 2021, 132, 2391-2403.	1.5	2
57	Management of lumbar shunt site swelling in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 357-360.	1.3	1
58	Pneumocephalus in a Pediatric Patient with Glioma Receiving Trametinib. <i>Pediatric Neurosurgery</i> , 2020, 55, 51-53.	0.7	1
59	Novel Finding of Copy Number Gains in GNAS and Loss of 10q in a Child With Malignant Transformation of Neurocutaneous Melanosis Syndrome. <i>JCO Precision Oncology</i> , 2021, 5, 33-38.	3.0	1
60	Long-term satisfaction after extraoperative invasive EEG recording. <i>Epilepsy and Behavior</i> , 2021, 124, 108363.	1.7	1
61	Letter to the Editor: Two-handed endoscopy. <i>Journal of Neurosurgery</i> , 2013, 118, 1148-1149.	1.6	0
62	DIPG-59. LOW GRADE DIFFUSE INTRINSIC PONTINE GLIOMA? A SINGLE INSTITUTION EXPERIENCE. <i>Neuro-Oncology</i> , 2018, 20, i61-i61.	1.2	0