

Aditya Vedantam

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

711
citations

567281

15
h-index

580821

25
g-index

42
all docs

42
docs citations

42
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence and Clinical Implications of Carotid Branch Occlusion Following Treatment of Internal Carotid Artery Aneurysms With the Pipeline Embolization Device. <i>Neurosurgery</i> , 2015, 76, 173-178.	1.1	55
2	Correlating Resting-State Functional Magnetic Resonance Imaging Connectivity by Independent Component Analysis-Based Epileptogenic Zones with Intracranial Electroencephalogram Localized Seizure Onset Zones and Surgical Outcomes in Prospective Pediatric Intractable Epilepsy Study. <i>Brain Connectivity</i> , 2017, 7, 424-442.	1.7	53
3	Alterations in Cortical Sensorimotor Connectivity following Complete Cervical Spinal Cord Injury: A Prospective Resting-State fMRI Study. <i>PLoS ONE</i> , 2016, 11, e0150351.	2.5	52
4	Morbidity and mortality associated with hypernatremia in patients with severe traumatic brain injury. <i>Neurosurgical Focus</i> , 2017, 43, E2.	2.3	50
5	Subcentimeter epilepsy surgery targets by resting state functional magnetic resonance imaging can improve outcomes in hypothalamic hamartoma. <i>Epilepsia</i> , 2018, 59, 2284-2295.	5.1	50
6	Factors associated with shunt-dependent hydrocephalus after decompressive craniectomy for traumatic brain injury. <i>Journal of Neurosurgery</i> , 2018, 128, 1547-1552.	1.6	47
7	Progressive hemorrhagic injury after severe traumatic brain injury: effect of hemoglobin transfusion thresholds. <i>Journal of Neurosurgery</i> , 2016, 125, 1229-1234.	1.6	46
8	Diffusion Tensor Imaging Correlates with Short-Term Myelopathy Outcome in Patients with Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , 2017, 97, 489-494.	1.3	38
9	Early versus Late Profiles of Inflammatory Cytokines after Mild Traumatic Brain Injury and Their Association with Neuropsychological Outcomes. <i>Journal of Neurotrauma</i> , 2021, 38, 53-62.	3.4	36
10	Change in Morphology of Intramedullary T2-Weighted Increased Signal Intensity After Anterior Decompressive Surgery for Cervical Spondylotic Myelopathy. <i>Spine</i> , 2014, 39, 1458-1462.	2.0	23
11	Diffusion Tensor Imaging in a Large Longitudinal Series of Patients With Cervical Spondylotic Myelopathy Correlated With Long-Term Functional Outcome. <i>Neurosurgery</i> , 2018, 83, 753-760.	1.1	22
12	Language lateralization with resting-state and task-based functional MRI in pediatric epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 171-177.	1.3	22
13	Limited Midline Myelotomy for Intractable Visceral Pain: Surgical Techniques and Outcomes. <i>Neurosurgery</i> , 2018, 83, 783-789.	1.1	18
14	Thirty-day outcomes in pediatric epilepsy surgery. <i>Child's Nervous System</i> , 2018, 34, 487-494.	1.1	16
15	Health-related quality of life outcomes and level of evidence in pediatric neurosurgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 480-486.	1.3	15
16	Patient-reported outcomes of occipitocervical and atlantoaxial fusions in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 85-90.	1.3	15
17	Connectivity changes after laser ablation: Resting-state fMRI. <i>Epilepsy Research</i> , 2018, 142, 156-160.	1.6	14
18	Minimally Invasive Cordotomy for Refractory Cancer Pain: A Randomized Controlled Trial. <i>Oncologist</i> , 2019, 24, e590-e596.	3.7	14

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19	Interhospital transfer of pediatric neurosurgical patients. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 638-643.	1.3	13
20	Multicenter Validation of the Survival After Acute Civilian Penetrating Brain Injuries (SPIN) Score. <i>Neurosurgery</i> , 2019, 85, E872-E879.	1.1	13
21	Readmission and complications within 30 days after intrathecal baclofen pump placement. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 1038-1044.	2.1	10
22	Somatotopy and Organization of Spinothalamic Tracts in the Human Cervical Spinal Cord. <i>Neurosurgery</i> , 2019, 84, E311-E317.	1.1	10
23	Pedicled, vascularized occipital bone graft to supplement atlantoaxial arthrodesis for the treatment of pseudoarthrosis. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 205-209.	1.5	9
24	Management of Acute Unilateral Nondisplaced Subaxial Cervical Facet Fractures. <i>Operative Neurosurgery</i> , 2018, 14, 104-111.	0.8	8
25	High Cervical Fractional Anisotropy as an Imaging Marker for Spinal Cord Injury. <i>Neurosurgery</i> , 2014, 61, 167-170.	1.1	7
26	Postoperative MRI Evaluation of a Radiofrequency Cordotomy Lesion for Intractable Cancer Pain. <i>American Journal of Neuroradiology</i> , 2017, 38, 835-839.	2.4	7
27	Use of Spinal Cord Diffusion Tensor Imaging to Quantify Neural Ablation and Evaluate Outcome after Percutaneous Cordotomy for Intractable Cancer Pain. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 34-39.	1.5	7
28	Association between postoperative DTI metrics and neurological deficits after posterior fossa tumor resection in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 364-370.	1.3	6
29	Clinical adjacent-segment pathology after central corpectomy for cervical spondylotic myelopathy: incidence and risk factors. <i>Neurosurgical Focus</i> , 2016, 40, E12.	2.3	5
30	Percutaneous Cordotomy for Pain Palliation in Advanced Cancer: A Randomized Clinical Trial Study Protocol. <i>Neurosurgery</i> , 2020, 87, 394-402.	1.1	5
31	Massive sialadenitis resulting in critical airway after elective craniotomy: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 475-479.	1.3	4
32	Intraventricular Cyst Causing Acute Obstructive Hydrocephalus: Neurocysticercosis Managed With Neuroendoscopy. <i>Pediatric Neurology</i> , 2016, 55, 71-73.	2.1	4
33	Use of Navigated Ultrasonic Bone Cutting Tool for En Bloc Resection of Thoracic Chondrosarcoma: Technical Report. <i>Operative Neurosurgery</i> , 2020, 19, 551-556.	0.8	4
34	Safety of epidural triamcinolone acetonide use during lumbar decompression surgery in pediatric patients: an association with delayed pseudomeningocele formation. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 667-671.	1.3	3
35	Surgical Management of Postradiation, Dropped Head Spinal Deformity in Patients with Head and Neck Cancer. <i>World Neurosurgery</i> , 2021, 156, e1-e8.	1.3	3
36	Magnetic Resonance-Based Radiomic Analysis of Radiofrequency Lesion Predicts Outcomes After Percutaneous Cordotomy: A Feasibility Study. <i>Operative Neurosurgery</i> , 2020, 18, 721-727.	0.8	2

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37	A comparison of the recovery profiles of desflurane and isoflurane anesthesia in patients undergoing elective supratentorial craniotomy: A randomized controlled trial. <i>Neurology India</i> , 2017, 65, 1053.	0.4	2
38	Osmotic Therapy in Traumatic Brain Injury. <i>Current Trauma Reports</i> , 2018, 4, 121-126.	1.3	1
39	Spinal cord diffusion tensor imaging: Developing a research tool for clinical use. <i>Neurology India</i> , 2017, 65, 966.	0.4	1
40	Use of an Open-Frame Hinged Surgical Table to Restore Segmental Lumbar Lordosis After Posterior Column Osteotomy. <i>International Journal of Spine Surgery</i> , 2020, 14, 316-320.	1.5	1
41	Visual Recovery After Surgical Decompression of an Occipital Intraventricular Cyst. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 255-256.	0.8	0
42	Use of quantitative diffusion tensor imaging as a diagnostic tool for intracranial lesions. <i>Neurology India</i> , 2018, 66, 1612.	0.4	0