

Satish Krishnamurthy

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,570
citations

394421

19
h-index

302126

39
g-index

56
all docs

56
docs citations

56
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of minimally invasive surgery with thrombolysis in intracerebral haemorrhage evacuation (MISTIE III): a randomised, controlled, open-label, blinded endpoint phase 3 trial. <i>Lancet</i> , The, 2019, 393, 1021-1032.	13.7	534
2	Resident Duty Hours Reform: Results of a National Survey of the Program Directors and Residents in Neurosurgery Training Programs. <i>Neurosurgery</i> , 2005, 56, 398-403.	1.1	104
3	Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure. <i>Neurosurgery</i> , 2019, 84, 1157-1168.	1.1	93
4	Send Severely Head-Injured Children to a Pediatric Trauma Center. <i>Pediatric Neurosurgery</i> , 1996, 25, 309-314.	0.7	82
5	Optimal light dose for interstitial photodynamic therapy in treatment for malignant brain tumors. <i>Lasers in Surgery and Medicine</i> , 2000, 27, 224-234.	2.1	65
6	Lasers in neurosurgery. <i>Lasers in Surgery and Medicine</i> , 1994, 15, 126-167.	2.1	54
7	Treatment of Penetrating Nonmissile Traumatic Brain Injury. Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2016, 91, 297-307.	1.3	53
8	Ventral Thoracic Spinal Cord Herniation. <i>Spine</i> , 2006, 31, E600-E605.	2.0	51
9	Intraventricular infusion of hyperosmolar dextran induces hydrocephalus: a novel animal model of hydrocephalus. <i>Cerebrospinal Fluid Research</i> , 2009, 6, 16.	0.5	47
10	Efficacy of Neurosurgery Resident Education in the New Millennium. <i>Neurosurgery</i> , 2010, 67, 225-233.	1.1	43
11	New concepts in the pathogenesis of hydrocephalus. <i>Translational Pediatrics</i> , 2014, 3, 185-94.	1.2	33
12	Head Injury and Pulmonary Embolism: A Retrospective Report Based on the Pennsylvania Trauma Outcomes Study. <i>Neurosurgery</i> , 2004, 54, 143-149.	1.1	32
13	Increased CSF osmolarity reversibly induces hydrocephalus in the normal rat brain. <i>Fluids and Barriers of the CNS</i> , 2012, 9, 13.	5.0	30
14	Retrospective Assessment of Desmopressin Effectiveness and Safety in Patients With Antiplatelet-Associated Intracranial Hemorrhage*. <i>Critical Care Medicine</i> , 2019, 47, 1759-1765.	0.9	29
15	Severe Pediatric Head Injury: Myth, Magic, and Actual Fact. <i>Pediatric Neurosurgery</i> , 1998, 28, 167-172.	0.7	28
16	Influence of Fever and Hospital-Acquired Infection on the Incidence of Delayed Neurological Deficit and Poor Outcome after Aneurysmal Subarachnoid Hemorrhage. <i>Neurology Research International</i> , 2012, 2012, 1-6.	1.3	25
17	EFFECTS OF TOBACCO DOSE AND LENGTH OF EXPOSURE ON DELAYED NEUROLOGICAL DETERIORATION AND OVERALL CLINICAL OUTCOME AFTER ANEURYSMAL SUBARACHNOID HEMORRHAGE. <i>Neurosurgery</i> , 2007, 61, 475-481.	1.1	23
18	Strategic Placement of Bedside Ventriculostomies Using Ultrasound Image Guidance: Report of three Cases. <i>Neurocritical Care</i> , 2012, 17, 255-259.	2.4	21

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19	Bedside External Ventricular Drain Placement: Can Multiple Passes Be Predicted on the Computed Tomography Scan Before the Procedure?. <i>World Neurosurgery</i> , 2014, 82, 739-744.	1.3	20
20	Schwannomas limited to the infratemporal fossa: report of two cases. <i>Journal of Neuro-Oncology</i> , 1998, 36, 269-277.	2.9	19
21	Normal macromolecular clearance out of the ventricles is delayed in hydrocephalus. <i>Brain Research</i> , 2018, 1678, 337-355.	2.2	16
22	A proposed role for efflux transporters in the pathogenesis of hydrocephalus. <i>Croatian Medical Journal</i> , 2014, 55, 366-376.	0.7	15
23	The Use of Fabric Softener in Neurosurgical Prosections. <i>Neurosurgery</i> , 1995, 36, 420-424.	1.1	12
24	Components of Critical Decision Making and ABSITE Assessment: Toward a More Comprehensive Evaluation. <i>Journal of Graduate Medical Education</i> , 2009, 1, 273-277.	1.3	12
25	Primitive Neuroectodermal Tumor of Cerebrum With Adipose Tissue. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 264-266.	2.5	11
26	Early Carotid Endarterectomy after Ischemic Stroke Improves Diffusion/Perfusion Mismatch on Magnetic Resonance Imaging: Report of Two Cases. <i>Neurosurgery</i> , 2003, 52, 238-242.	1.1	10
27	The Effect of Keppra Prophylaxis on the Incidence of Early Onset, Post-traumatic Brain Injury Seizures. <i>Cureus</i> , 2018, 10, e2674.	0.5	9
28	Andexanet alfa effectiveness and safety versus four-factor prothrombin complex concentrate (4F-PCC) in intracranial hemorrhage while on apixaban or rivaroxaban: A single-center, retrospective, matched cohort analysis. <i>American Journal of Emergency Medicine</i> , 2022, 55, 16-19.	1.6	9
29	An 11-year-old boy with an incidental mass in the left lateral cerebellum. <i>Neuropathology</i> , 2007, 27, 95-97.	1.2	8
30	Evidence-Based Perioperative Protocol for Ventriculoperitoneal Shunt Infection Reduction at a Single Institution. <i>World Neurosurgery</i> , 2019, 128, e814-e822.	1.3	8
31	Comparison of Pericranial Autograft and AlloDerm for Duraplasty in Patients With Type I Chiari Malformation: Retrospective Cohort Analysis. <i>Operative Neurosurgery</i> , 2021, 21, 386-392.	0.8	8
32	Noninvasive measurement of cerebrospinal fluid flow using an ultrasonic transit time flow sensor: a preliminary study. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 270-277.	1.3	7
33	A retrospective comparison of sac and lobe morphology between ruptured and unruptured intracranial aneurysms. <i>Journal of Clinical Neuroscience</i> , 2019, 60, 88-92.	1.5	7
34	Scoping Review and Commentary on Prognostication for Patients with Intracerebral Hemorrhage with Advances in Surgical Techniques. <i>Neurocritical Care</i> , 2020, 33, 256-272.	2.4	7
35	Weight and Height Deficits in Children with Brain Stem Tumors. <i>Clinical Pediatrics</i> , 2002, 41, 315-321.	0.8	6
36	Congenital maturing immature intraventricular teratoma. <i>Clinical Imaging</i> , 2010, 34, 222-225.	1.5	6

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37	Anaplastic Transformation in Myxopapillary Ependymoma: A Report of 2 Cases and Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 1044-1053.	1.7	4
38	An Unusual Conversation about Dying during the COVID-19 Pandemic: A Neurosurgery Resident's Experience. <i>AJOB Neuroscience</i> , 2021, 12, 278-279.	1.1	4
39	Pathophysiologic mechanisms and strategies for the treatment of post-hemorrhagic hydrocephalus of prematurity. <i>Child's Nervous System</i> , 2022, , 1.	1.1	4
40	The role of the parenchymal vascular system in cerebrospinal fluid tracer clearance. <i>European Radiology</i> , 2023, 33, 656-665.	4.5	4
41	Gamma Knife radiosurgery for occipital condyle metastasis. <i>Clinical and Translational Oncology</i> , 2009, 11, 622-624.	2.4	3
42	Hemorrhagic Pilocytic Astrocytomas in Adults: A Case Report and Literature Review. <i>Cureus</i> , 2016, 8, e510.	0.5	3
43	123 Hydrocephalus Due to Intraventricular Hemorrhage is Determined by P-glycoprotein Expression in an Experimental Model. <i>Neurosurgery</i> , 2018, 65, 88-88.	1.1	2
44	Hyperosmotic intraventricular drug delivery of DV1 in the management of intracranial metastatic breast cancer in a mouse model. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 207-211.	1.5	2
45	An unusual pediatric case of an intradiploic epidermoid cyst with cranial bone invasion. <i>JAAD Case Reports</i> , 2020, 6, 912-914.	0.8	2
46	Scoping review of the risk factors and time frame for development of post-traumatic hydrocephalus. <i>Reviews in the Neurosciences</i> , 2021, .	2.9	2
47	Dynamic disequilibrium of macromolecular transport as possible mechanism for hydrocephalus associated with long-term spaceflight. <i>Brain Research</i> , 2021, 1753, 147229.	2.2	1
48	A rare occurrence of an epithelioid glioblastoma in a pediatric patient: case report and review of the literature. <i>Child's Nervous System</i> , 2021, , 1.	1.1	1
49	Intradural Extramedullary Thoracic Cavernoma in a Man with Familial Multiple Cavernomas. <i>Cureus</i> , 2018, 10, e3115.	0.5	1
50	Comparison in Head Injury Outcomes at a Major Trauma Center in Response to Changing Referral Patterns because of Discontinuation of State Support. <i>Neurosurgery</i> , 2005, 57, 408-408.	1.1	0
51	Post-Residency Survey Reveals Critical Education Issues. <i>Neurosurgery</i> , 2009, 65, 401.	1.1	0
52	Subdural total parenteral nutrition collection: A complication of a peripheral scalp intravenous catheter in a neonate. <i>Journal of Neonatal-Perinatal Medicine</i> , 2011, 4, 269-272.	0.8	0
53	Focal Neurologic Deficit After Epidural Catheter Removal Leads to Meningioma Diagnosis. <i>Cureus</i> , 2021, 13, e16015.	0.5	0
54	MEDTHINKER: Novel computer-based simulation to assess technical and nontechnical skills using medical content in healthcare providers. <i>Journal of Applied Social Psychology</i> , 2021, 51, 1163-1169.	2.0	0