

Karthik Madhavan

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

969
citations

394421

19
h-index

454955

30
g-index

59
all docs

59
docs citations

59
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Body Mass Index on Perioperative Outcomes in Patients Undergoing Anterior Cervical Discectomy and Fusion Surgery. <i>Neurospine</i> , 2021, 18, 79-86.	2.9	20
2	P21. Inpatient outcomes after elective lumbar spinal fusion for patients with human immunodeficiency virus in the absence of acquired immunodeficiency syndrome. <i>Spine Journal</i> , 2020, 20, S157.	1.3	0
3	Percutaneous Lumbar Screws. , 2020, , 211-221.		0
4	18. Safety and efficacy of tranexamic acid use in posterior cervical decompression and fusion surgery. <i>Spine Journal</i> , 2019, 19, S9.	1.3	0
5	Short-term safety of tranexamic acid use in posterior cervical decompression and fusion surgery. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 41-44.	1.5	6
6	Spondylodiscitis in end-stage renal disease: a systematic review. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 674-682.	1.7	19
7	The History of and Controversy over Kaminâ€™s Triangle: A Historical Analysis of the Lumbar Transforaminal Corridor for Endoscopic and Surgical Approaches. <i>World Neurosurgery</i> , 2019, 123, 402-408.	1.3	47
8	Transsphenoidal Approach for Pituitary Adenomas in Elderly Patients. <i>World Neurosurgery</i> , 2019, 121, e670-e674.	1.3	12
9	Fish-Mouth Thoracic Fracture Fixation with Minimally Invasive Percutaneous Reduction: A Technical Note. <i>World Neurosurgery</i> , 2019, 122, 106-111.	1.3	0
10	A novel technique for stabilization of high-grade spondylolisthesis with transvertebral fusion without reduction. <i>Journal of Clinical Neuroscience</i> , 2019, 60, 170-175.	1.5	7
11	Reductions in length of stay, narcotics use, and pain following implementation of an enhanced recovery after surgery program for 1- to 3-level lumbar fusion surgery. <i>Neurosurgical Focus</i> , 2019, 46, E4.	2.3	86
12	Impact of Psychiatric Comorbidities on Short-Term Outcomes Following Intervention for Lumbar Degenerative Disc Disease. <i>Spine</i> , 2018, 43, 1363-1371.	2.0	17
13	Editorial. Developing next-generation systems for surgical navigation. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 355-356.	1.7	0
14	Transdural approach to resection of retro-odontoid cysts in elderly patients: report of 3 cases. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 236-243.	1.7	13
15	Thursday, September 27, 2018 1:05 PMâ€“2:05 PM Understanding Anxiety and Depression when Performing Spine Surgery. <i>Spine Journal</i> , 2018, 18, S58-S59.	1.3	0
16	329 Prolonged Use of Narcotic Following Lumbar Spine Surgery. <i>Neurosurgery</i> , 2018, 65, 132.	1.1	0
17	Saturday, September 29, 2018 9:00 amâ€“10:00 am A Fresh Look at Opioids. <i>Spine Journal</i> , 2018, 18, S136.	1.3	0
18	338 Reduced Postoperative Pain and Narcotic Consumption With ERASÂ® TLIF. <i>Neurosurgery</i> , 2018, 65, 135-136.	1.1	0

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19	320 Enhanced Recovery Protocol for Lumbar Fusion. <i>Neurosurgery</i> , 2018, 65, 129.	1.1	0
20	Inpatient Outcomes After Elective Lumbar Spinal Fusion for Patients with Human Immunodeficiency Virus in the Absence of Acquired Immunodeficiency Syndrome. <i>World Neurosurgery</i> , 2018, 116, e913-e920.	1.3	8
21	The Utility of Magnetic Resonance Imaging-compatible Pacemakers in Neurosurgical Patients. <i>Cureus</i> , 2018, 10, e3374.	0.5	0
22	Metals in Spine. <i>World Neurosurgery</i> , 2017, 100, 619-627.	1.3	22
23	Augmented-reality integrated robotics in neurosurgery: are we there yet?. <i>Neurosurgical Focus</i> , 2017, 42, E3.	2.3	61
24	Prophylactic vertebral cement augmentation at the uppermost instrumented vertebra and rostral adjacent vertebra for the prevention of proximal junctional kyphosis and failure following long-segment fusion for adult spinal deformity. <i>Spine Journal</i> , 2017, 17, 1499-1505.	1.3	56
25	The Use of Intraoperative Electromyogram During Spinal Cord Stimulator Placement Surgery: A Case Series. <i>World Neurosurgery</i> , 2017, 100, 74-84.	1.3	12
26	Duty Hour Restrictions, Revisited: Second Year of FIRST Trial. <i>World Neurosurgery</i> , 2017, 106, 973-974.	1.3	2
27	Endoscope-Assisted Abscess Drainage Secondary to Endoscope-Assisted Transforaminal Lumbar Interbody Fusion: 1-Year Follow-Up. <i>World Neurosurgery</i> , 2017, 107, 511-514.	1.3	2
28	Indeterminate Dendritic Cell Tumor in Thoracic Spine: A Case Report. <i>World Neurosurgery</i> , 2017, 108, 543-547.	1.3	3
29	Citizens Urge U.S. Food and Drug Administration to Restrict High-Potency Opioids. <i>World Neurosurgery</i> , 2017, 108, 959-960.	1.3	2
30	171 Psychiatric Comorbidities - What to Expect Post Spine Surgery. <i>Neurosurgery</i> , 2017, 64, 244.	1.1	0
31	The Role of Dynamic Magnetic Resonance Imaging in Cervical Spondylotic Myelopathy. <i>Asian Spine Journal</i> , 2017, 11, 1008-1015.	2.0	22
32	Minimally-Invasive versus Conventional Repair of Spondylolysis in Athletes: A Review of Outcomes and Return to Play. <i>Asian Spine Journal</i> , 2017, 11, 832-842.	2.0	24
33	Neurologic examination of the infant and child. , 2017, , 93-98.		0
34	Severe traumatic brain injury. , 2017, , 207-216.		0
35	Surgical outcomes of elderly patients with cervical spondylotic myelopathy: a meta-analysis of studies reporting on 2868 patients. <i>Neurosurgical Focus</i> , 2016, 40, E13.	2.3	29
36	Early experience with endoscopic revision of lumbar spinal fusions. <i>Neurosurgical Focus</i> , 2016, 40, E10.	2.3	16

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37	Transforaminal endoscopic discectomy to relieve sciatica and delay fusion in a 31-year-old man with pars defects and low-grade spondylolisthesis. <i>Neurosurgical Focus</i> , 2016, 40, E4.	2.3	5
38	Early experience with endoscopic foraminotomy in patients with moderate degenerative deformity. <i>Neurosurgical Focus</i> , 2016, 40, E6.	2.3	23
39	Deep brain stimulation as a treatment for Parkinson's disease related camptocormia. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1555-1561.	1.5	20
40	Pooled data analysis on anterior versus posterior approach for rheumatoid arthritis at the craniovertebral junction. <i>Neurosurgical Focus</i> , 2015, 38, E18.	2.3	8
41	Deep brain stimulation complicated by bilateral large cystic cavitation around the leads in a patient with Parkinson's disease. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015211470.	0.5	10
42	A Review of Stereotactic Radiosurgery Practice in the Management of Skull Base Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, 152-158.	0.8	21
43	Direct lateral retroperitoneal approach for the surgical treatment of lumbar discitis and osteomyelitis. <i>Neurosurgical Focus</i> , 2014, 37, E5.	2.3	25
44	Mini-Open Pedicle Subtraction Osteotomy: Surgical Technique. <i>World Neurosurgery</i> , 2014, 81, 843.e11-843.e14.	1.3	21
45	Predictors of Long-Term Survival in Patients With Glioblastoma Multiforme: Advancements From the Last Quarter Century. <i>Cancer Investigation</i> , 2013, 31, 287-308.	1.3	56
46	Managing Intracranial Incidental Findings Suggestive of Low-Grade Glioma: Learning from Experience. <i>World Neurosurgery</i> , 2013, 80, e75-e77.	1.3	23
47	Adjuvant whole brain radiation following resection of brain metastases. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 771-775.	1.5	3
48	Preoperative third ventricular bowing as a predictor of endoscopic third ventriculostomy success. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 182-190.	1.3	50
49	Elevated body mass index and risk of postoperative CSF leak following transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2012, 116, 1311-1317.	1.6	124
50	The Use of Modest Systemic Hypothermia After Iatrogenic Spinal Cord Injury During Surgery. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 183-192.	0.9	9
51	Anterior Thigh Compartment Syndrome and Local Myonecrosis After Posterior Spine Surgery on a Jackson Table. <i>World Neurosurgery</i> , 2012, 78, 553.e5-553.e8.	1.3	14
52	Tuberculoma of the brain with unknown primary infection in an immunocompetent host. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1320-1322.	1.5	4
53	The management of incidental low-grade gliomas using magnetic resonance imaging: systematic review and optimal treatment paradigm. <i>Neurosurgical Focus</i> , 2011, 31, E12.	2.3	21
54	Anomalous origins of the calcarine and parieto-occipital arteries. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 1334-1336.	1.5	2

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55	GENETICS OF SCOLIOSIS. Neurosurgery, 2008, 63, A222-A227.	1.1	13
56	THE HISTORY OF SPINAL DEFORMITY. Neurosurgery, 2008, 63, A5-A15.	1.1	31