

# Vijay Yanamadala

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,080  
citations

394421

19  
h-index

454955

30  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal injury caused by intrarenal injection of phenol increases afferent and efferent renal sympathetic nerve activity. <i>American Journal of Hypertension</i> , 2002, 15, 717-724.	2.0	120
2	A systematic multidisciplinary initiative for reducing the risk of complications in adult scoliosis surgery. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 744-750.	1.7	69
3	Complication avoidance with pre-operative screening: insights from the Seattle spine team. <i>Current Reviews in Musculoskeletal Medicine</i> , 2016, 9, 316-326.	3.5	50
4	G12 Directly Interacts with PP2A. <i>Journal of Biological Chemistry</i> , 2004, 279, 54983-54986.	3.4	42
5	Multidisciplinary Evaluation Leads to the Decreased Utilization of Lumbar Spine Fusion. <i>Spine</i> , 2017, 42, E1016-E1023.	2.0	41
6	G12 Stimulates Apoptosis in Epithelial Cells through JNK1-mediated Bcl-2 Degradation and Up-regulation of p53. <i>Journal of Biological Chemistry</i> , 2007, 282, 24352-24363.	3.4	40
7	The Seattle spine score: Predicting 30-day complication risk in adult spinal deformity surgery. <i>Journal of Clinical Neuroscience</i> , 2017, 43, 247-255.	1.5	40
8	Polycystin-1 Protein Level Determines Activity of the G12/JNK Apoptosis Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 10243-10251.	3.4	39
9	Reversal of warfarin associated coagulopathy with 4-factor prothrombin complex concentrate in traumatic brain injury and intracranial hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1881-1884.	1.5	38
10	Spinal cord glioblastoma: 25years of experience from a single institution. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 138-141.	1.5	35
11	Correction of severe spinopelvic mismatch: decreased blood loss with lateral hyperlordotic interbody grafts as compared with pedicle subtraction osteotomy. <i>Neurosurgical Focus</i> , 2017, 43, E15.	2.3	35
12	COVID-19 Infection Among Healthcare Workers: Serological Findings Supporting Routine Testing. <i>Frontiers in Medicine</i> , 2020, 7, 471.	2.6	35
13	Effect of intraoperative navigation on operative time in 1-level lumbar fusion surgery. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 72-76.	1.5	30
14	Heterotrimeric G Proteins and Apoptosis: Intersecting Signaling Pathways Leading to Context Dependent Phenotypes. <i>Current Molecular Medicine</i> , 2009, 9, 527-545.	1.3	28
15	Racial disparities in clinical presentation, type of intervention, and in-hospital outcomes of patients with metastatic spine disease: An analysis of 145,809 admissions in the United States. <i>Cancer Epidemiology</i> , 2020, 68, 101792.	1.9	28
16	Cost analysis of spinal and general anesthesia for the surgical treatment of lumbar spondylosis. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 539-543.	1.5	27
17	Effect of Tranexamic Acid on Blood Loss, D-Dimer, and Fibrinogen Kinetics in Adult Spinal Deformity Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 758-764.	3.0	27
18	Surgical treatment options and management strategies of metastatic renal cell carcinoma to the lumbar spinal nerve roots. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1546-1549.	1.5	23

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19	Vascularized Fibular Strut Autografts in Spinal Reconstruction after Resection of Vertebral Chordoma or Chondrosarcoma: A Retrospective Series. <i>Neurosurgery</i> , 2017, 81, 156-164.	1.1	23
20	A Systematic Review of Metastatic Hepatocellular Carcinoma to the Spine. <i>World Neurosurgery</i> , 2016, 91, 510-517.e4.	1.3	19
21	Bilateral Hemicraniectomy in Non-Penetrating Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 1879-1885.	3.4	18
22	Multidisciplinary approaches to complication reduction in complex spine surgery: a systematic review. <i>Spine Journal</i> , 2020, 20, 1248-1260.	1.3	17
23	Rates, Risk Factors, and Complications of Red Blood Cell Transfusion in Metastatic Spinal Tumor Surgery: An Analysis of a Prospective Multicenter Surgical Database. <i>World Neurosurgery</i> , 2020, 139, e308-e315.	1.3	17
24	Use of external ventriculostomy and intrathecal anti-fungal treatment in cerebral mucormycotic abscess. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1819-1821.	1.5	16
25	Effect of Cage Type on Short-Term Radiographic Outcomes in Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 141, e953-e958.	1.3	15
26	Delayed post-traumatic bilateral abducens nerve palsy with complete recovery. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 585-586.	1.5	14
27	Selective Anterior Lumbar Interbody Fusion for Low Back Pain Associated With Degenerative Disc Disease Versus Nonsurgical Management. <i>Spine</i> , 2018, 43, 1372-1380.	2.0	14
28	Calcium Carbonate Phosphate Binding Ion Exchange Filtration and Accelerated Denitrification Improve Public Health Standards and Combat Eutrophication in Aquatic Ecosystems. <i>Water Environment Research</i> , 2005, 77, 3003-3012.	2.7	13
29	Postoperative Ileus: Old and New Observations on Prevention and Treatment in Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , 2019, 132, e618-e622.	1.3	12
30	Spontaneous regression of an epidermoid cyst of the cavernous sinus. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1433-1435.	1.5	10
31	Improving Complex Pediatric and Adult Spine Care While Embracing the Value Equation. <i>Spine Deformity</i> , 2019, 7, 228-235.	1.5	10
32	Predictive value of hypoalbuminemia and severe hypoalbuminemia in oncologic spine surgery. <i>Clinical Neurology and Neurosurgery</i> , 2021, 210, 107009.	1.4	10
33	Computer-Assisted Navigation for Real Time Planning of Pedicle Subtraction Osteotomy in Cervico-Thoracic Deformity Correction. <i>Operative Neurosurgery</i> , 2019, 16, 445-450.	0.8	9
34	Prolonged length of stay and discharge disposition to rehabilitation facilities following single-level posterior lumbar interbody fusion for acquired spondylolisthesis. , 2020, 11, 411.		9
35	Non-contrast 3D time-of-flight magnetic resonance angiography for visualization of intracranial aneurysms in patients with absolute contraindications to CT or MRI contrast. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1122-1126.	1.5	8
36	Repeated neurovascular imaging in subarachnoid hemorrhage when initial studies are negative. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 993-996.	1.5	8

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37	Outcomes Surrounding Perioperative Transfusion Rates and Hemoglobin Nadir Values Following Complex Spine Surgery. <i>World Neurosurgery</i> , 2019, 126, e1287-e1292.	1.3	8
38	Accuracy of Freehand versus Navigated Thoracolumbar Pedicle Screw Placement in Patients with Metastatic Tumors of the Spine. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 777-783.	1.2	8
39	Percutaneous Interventional Management of Spinal Metastasis. <i>Seminars in Interventional Radiology</i> , 2019, 36, 249-254.	0.8	7
40	Metastatic adrenal cortical carcinoma to T12 vertebrae. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 166-169.	1.5	6
41	Association of Medicare and Medicaid Insurance Status with Increased Spine Surgery Utilization Rates. <i>Spine</i> , 2021, 46, E939-E944.	2.0	6
42	Comparison of three predictive scoring systems for morbidity in oncological spine surgery. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 13-17.	1.5	6
43	A Multidisciplinary Spine Surgical Indications Conference Leads to Alterations in Surgical Plans in a Significant Number of Cases. <i>Spine</i> , 2021, 46, E48-E55.	2.0	6
44	Perioperative Complications and Mortality Following Anterior Odontoid Screw Fixation in Elderly Patients: A National Database Analysis. <i>World Neurosurgery</i> , 2019, 129, e776-e781.	1.3	5
45	Surgical Outcomes for Upper Lumbar Disc Herniations: A Systematic Review and Meta-analysis. <i>Global Spine Journal</i> , 2021, 11, 802-813.	2.3	5
46	Separation surgery for metastatic epidural spinal cord compression: comparison of a minimally invasive versus open approach. <i>Neurosurgical Focus</i> , 2021, 50, E10.	2.3	5
47	Endovascular coiling of a ruptured basilar apex aneurysm with associated pseudoaneurysm. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1637-1640.	1.5	4
48	Intramedullary spinal metastasis of a carcinoid tumor. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1990-1991.	1.5	4
49	Comparison of 30-Day Outcomes in Patients with Cervical Spine Metastasis Undergoing Corpectomy Versus Posterior Cervical Laminectomy and Fusion: A 2006-2016 ACS-NSQIP Database Study. <i>World Neurosurgery</i> , 2021, 147, e78-e84.	1.3	4
50	A Novel Clinical Scoring System for Perioperative Morbidity in Metastatic Spinal Tumor Surgery. <i>Spine</i> , 2021, 46, E161-E166.	2.0	4
51	Impacts of Digital Care Programs for Musculoskeletal Conditions on Depression and Work Productivity: Longitudinal Cohort Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e38942.	4.3	4
52	Retrograde Third Ventriculocisternostomy From the Posterior Fossa. <i>Operative Neurosurgery</i> , 2013, 72, ons-9.	0.8	2
53	Racial Disparities in Perioperative Morbidity Following Oncological Spine Surgery. <i>Global Spine Journal</i> , 2023, 13, 1194-1199.	2.3	2
54	In-Hospital Morbidity and Mortality After Treatment of Arteriovenous Malformations in the United States, 2000-2009. <i>Neurosurgery</i> , 2012, 71, E551.	1.1	1

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55	Rapid Neurological Recovery Following Partial Surgical Resection of Spinal Glioblastoma Multiforme in a Pediatric Patient Presenting With Complete Paraplegia. <i>Journal of Pediatric Hematology/Oncology</i> , 2016, 38, e286-e290.	0.6	1
56	Novel Technique for C1-C2 Interlaminar Arthrodesis Utilizing a Modified Sonntag Loop-Suture Graft With Posterior C1-C2 Fixation. <i>Neurospine</i> , 2020, 17, 659-665.	2.9	1
57	How to Decrease Complications in the Management of Adult Lumbar Scoliosis. <i>Instructional Course Lectures</i> , 2017, 66, 379-390.	0.2	1
58	The Effect of a Multidisciplinary Spine Clinic on Time to Care in Patients with Chronic Back and/or Leg Pain: A Propensity Score-Matched Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2583.	2.4	1
59	Operative Management of Spinal Injuries. <i>Current Trauma Reports</i> , 2015, 1, 193-202.	1.3	0
60	Multidisciplinary Conference Leads to the Decreased Utilization of Spinal Fusion in the Management of Degenerative Spine Disease. <i>Spine Journal</i> , 2017, 17, S143-S144.	1.3	0
61	265. Novel C1-2 loop-suture technique for securing interlaminar bone graft during atlantoaxial arthrodesis: surgical technique and outcomes. <i>Spine Journal</i> , 2019, 19, S129-S130.	1.3	0
62	P92. Does BMI over 40 have a significant risk in spine deformity patients?. <i>Spine Journal</i> , 2020, 20, S190-S191.	1.3	0
63	Acute Cauda Equina Syndrome Due to Spondylolisthesis in the Midst of a Pandemic. <i>JBJS Case Connector</i> , 2022, 12, .	0.3	0