Anand Veeravagu

List of Publications by Year in descending order

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147566 168136 3,438 131 31 53 citations g-index h-index papers 132 132 132 4377 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Risk Factors for Revision Surgery After Primary Adult Thoracolumbar Deformity Surgery. Clinical Spine Surgery, 2022, 35, E94-E98.	0.7	1
2	The impact of osteoporosis on adult deformity surgery outcomes in Medicare patients. European Spine Journal, 2022, 31, 88-94.	1.0	5
3	A Discussion of Machine Learning Approaches for Clinical Prediction Modeling. Acta Neurochirurgica Supplementum, 2022, 134, 65-73.	0.5	2
4	Vertebrae segmentation in reduced radiation CT imaging for augmented reality applications. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 775-783.	1.7	2
5	Factors Which Predict Adverse Outcomes in Anterior Cervical Discectomy and Fusion Procedures in the Nonelderly Adult Population. Clinical Spine Surgery, 2022, Publish Ahead of Print, .	0.7	0
6	Impact of socio-economic factors on radiation treatment after resection of metastatic brain tumors: trends from a private insurance database. Journal of Neuro-Oncology, 2022, 158, 445-451.	1.4	4
7	Future Perspective of Robot-Assisted Minimally Invasive Spine Surgery. , 2022, , 351-364.		1
8	Health Care Resource Utilization in Management of Opioid-Naive Patients With Newly Diagnosed Neck Pain. JAMA Network Open, 2022, 5, e2222062.	2.8	2
9	Chronic opioid use prior to ACDF surgery is associated with inferior post-operative outcomes: a propensity-matched study of 17,443 chronic opioid users. World Neurosurgery, 2022, , .	0.7	1
10	Global adoption of robotic technology into neurosurgical practice and research. Neurosurgical Review, 2021, 44, 2675-2687.	1.2	16
11	Predictive modeling of long-term opioid and benzodiazepine use after intradural tumor resection. Spine Journal, 2021, 21, 1687-1699.	0.6	9
12	Fostering reproducibility and generalizability in machine learning for clinical prediction modeling in spine surgery. Spine Journal, 2021, 21, 1610-1616.	0.6	22
13	Postoperative Complication Burden, Revision Risk, and Health Care Use in Obese Patients Undergoing Primary Adult Thoracolumbar Deformity Surgery. Global Spine Journal, 2021, 11, 345-350.	1.2	3
14	A Comparative Analysis of Patients Undergoing Fusion for Adult Cervical Deformity by Approach Type. Global Spine Journal, 2021, 11, 626-632.	1.2	5
15	Adverse Events and Bundled Costs after Cranial Neurosurgical Procedures: Validation of the LACE Index Across 40,431 Admissions and Development of the LACE-Cranial Index. World Neurosurgery, 2021, 146, e431-e451.	0.7	1
16	Timing of Adjuvant Radiation Therapy and Risk of Wound-Related Complications Among Patients With Spinal Metastatic Disease. Global Spine Journal, 2021, 11, 44-49.	1.2	5
17	Obesity in Patients Undergoing Lumbar Degenerative Surgeryâ€"A Retrospective Cohort Study of Postoperative Outcomes. Spine, 2021, 46, 1191-1196.	1.0	9
18	Factors which predict adverse events following surgery in adults with cervical spinal deformity. Bone and Joint Journal, 2021, 103-B, 734-738.	1.9	2

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19	Defining and describing treatment heterogeneity in new-onset idiopathic lower back and extremity pain through reconstruction of longitudinal care sequences. Spine Journal, 2021, 21, 1993-2002.	0.6	4
20	Outcome Measures of Medicare Patients With Diabetes Mellitus Undergoing Thoracolumbar Deformity Surgery. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	0.7	2
21	External validation of a predictive model of adverse events following spine surgery. Spine Journal, 2021, , .	0.6	1
22	Surgical Outcomes of Human Immunodeficiency Virus–positive Patients Undergoing Lumbar Degenerative Surgery. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	0.7	0
23	Single-Stage Versus Multistage Surgical Management of Single- and Two-Level Lumbar Degenerative Disease. World Neurosurgery, 2021, 152, e449-e454.	0.7	2
24	Anterior Cervical Discectomy and Fusion Versus Laminoplasty for Multilevel Cervical Spondylotic Myelopathy: A National Administrative Database Analysis. World Neurosurgery, 2021, 152, e738-e744.	0.7	9
25	Commentary: Loss of Relativity: The Physician Fee Schedule, the Neurosurgeon, and the Trojan Horse. Neurosurgery, 2021, 89, E323-E324.	0.6	0
26	Advanced Age Does Not Impact Outcomes After 1-level or 2-level Lateral Lumbar Interbody Fusion. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	0.7	1
27	Do Epidural Steroid Injections Affect Outcomes and Costs in Cervical Degenerative Disease? A Retrospective MarketScan Database Analysis. Global Spine Journal, 2021, , 219256822110503.	1.2	0
28	Commentary: The Enforceability of Noncompete Clauses in the Medical Profession: A Review by the Workforce Committee and the Medico-legal Committee of the Council of State Neurosurgical Societies. Neurosurgery, 2021, 88, E123-E124.	0.6	0
29	Biopsy versus resection for the management of low-grade gliomas. The Cochrane Library, 2020, 2020, CD009319.	1.5	37
30	Lumboperitoneal and Ventriculoperitoneal Shunting for Idiopathic Intracranial Hypertension Demonstrate Comparable Failure and Complication Rates. Neurosurgery, 2020, 86, 272-280.	0.6	27
31	Trends in Anterior Lumbar Interbody Fusion in the United States. Clinical Spine Surgery, 2020, 33, E226-E230.	0.7	39
32	Patterns of Opioid and Benzodiazepine Use in Opioid-Na \tilde{A} -ve Patients with Newly Diagnosed Low Back and Lower Extremity Pain. Journal of General Internal Medicine, 2020, 35, 291-297.	1.3	21
33	Outcomes and Costs Following Ommaya Placement with Thrombocytopenia Among U.S. Patients with Cancer. World Neurosurgery, 2020, 135, e548-e561.	0.7	1
34	Randomized Controlled Trials in Functional Neurosurgery—Association of Device Approval Status and Trial Quality. Neuromodulation, 2020, 23, 496-501.	0.4	2
35	Adult Spinal Deformity Surgery in Patients With Movement Disorders. Spine, 2020, 45, E288-E295.	1.0	5
36	Opioid Prescribing Patterns for Low Back Pain Among Commercially Insured Children. Spine, 2020, 45, E1365-E1366.	1.0	2

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37	Costs and Complications Associated With Resection of Supratentorial Tumors With and Without the Operative Microscope in the United States. World Neurosurgery, 2020, 138, e607-e619.	0.7	3
38	Complications, Costs, and Quality Outcomes of Patients Undergoing Cervical Deformity Surgery With Intraoperative BMP Use. Spine, 2020, 45, 1553-1558.	1.0	4
39	Machine learning in neurosurgery: a global survey. Acta Neurochirurgica, 2020, 162, 3081-3091.	0.9	49
40	Commentary: Predictors of the Best Outcomes Following Minimally Invasive Surgery for Grade 1 Degenerative Lumbar Spondylolisthesis. Neurosurgery, 2020, 87, E623-E624.	0.6	0
41	Opioid Use in Adults With Low Back or Lower Extremity Pain Who Undergo Spine Surgical Treatment Within 1 Year of Diagnosis. Spine, 2020, 45, 1725-1735.	1.0	5
42	Cervical osteochondroma: surgical planning. Spinal Cord Series and Cases, 2020, 6, 44.	0.3	6
43	Evaluating Shunt Survival Following Ventriculoperitoneal Shunting with and without Stereotactic Navigation in Previously Shunt-NaA ve Patients. World Neurosurgery, 2020, 136, e671-e682.	0.7	13
44	A predictive-modeling based screening tool for prolonged opioid use after surgical management of low back and lower extremity pain. Spine Journal, 2020, 20, 1184-1195.	0.6	19
45	Evaluating the Impact of Spinal Osteotomy on Surgical Outcomes of Thoracolumbar Deformity Correction. World Neurosurgery, 2020, 144, e774-e779.	0.7	5
46	Predictors of 2-year reoperation in Medicare patients undergoing primary thoracolumbar deformity surgery. Journal of Neurosurgery: Spine, 2020, 33, 572-576.	0.9	2
47	Laminectomy Versus Corpectomy for Spinal Metastatic Disease—Complications, Costs, and Quality Outcomes. World Neurosurgery, 2019, 131, e468-e473.	0.7	21
48	Grade II Spondylolisthesis: Reverse Bohlman Procedure with Transdiscal S1-L5 and S2 Alar Iliac Screws Placed with Robotic Guidance. World Neurosurgery, 2019, 132, 421-428.e1.	0.7	7
49	A Descriptive Analysis of Spinal Cord Arteriovenous Malformations: Clinical Features, Outcomes, and Trends in Management. World Neurosurgery, 2019, 131, e579-e585.	0.7	15
50	Utility of Cervical Collars Following Cervical Fusion Surgery. Does It Improve Fusion Rates or Outcomes? A Systematic Review. World Neurosurgery, 2019, 124, 423-429.	0.7	6
51	Expenditures and Health Care Utilization Among Adults With Newly Diagnosed Low Back and Lower Extremity Pain. JAMA Network Open, 2019, 2, e193676.	2.8	119
52	Objective measures of functional impairment for degenerative diseases of the lumbar spine: a systematic review of the literature. Spine Journal, 2019, 19, 1276-1293.	0.6	62
53	Socioeconomic Predictors of Surgical Resection and Survival for Patients With Osseous Spinal Neoplasms. Clinical Spine Surgery, 2019, 32, 125-131.	0.7	11
54	<p>Robotic-Assisted Spine Surgery: History, Efficacy, Cost, And Future Trends</p> . Robotic Surgery (Auckland), 2019, Volume 6, 9-23.	1.3	144

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55	Patient Satisfaction and Press Ganey Scores for Spine Versus Nonspine Neurosurgery Clinics. Clinical Spine Surgery, 2019, 32, E188-E192.	0.7	6
56	Conventional Versus Stereotactic Image-guided Pedicle Screw Placement During Posterior Lumbar Fusions. Spine, 2019, 44, E1272-E1280.	1.0	3
57	Analysis of Outcomes and Cost of Inpatient and Ambulatory Anterior Cervical Disk Replacement Using a State-level Database. Clinical Spine Surgery, 2019, 32, E372-E379.	0.7	13
58	Initial Provider Specialty Is Associated With Long-term Opiate Use in Patients With Newly Diagnosed Low Back and Lower Extremity Pain. Spine, 2019, 44, 211-218.	1.0	24
59	Propensity-matched Comparison of Outcomes and Costs After Macroscopic and Microscopic Anterior Cervical Corpectomy Using a National Longitudinal Database. Spine, 2019, 44, E1281-E1288.	1.0	0
60	Reliability of the 6-minute walking test smartphone application. Journal of Neurosurgery: Spine, 2019, 31, 786-793.	0.9	30
61	Risks, costs, and outcomes of cerebrospinal fluid leaks after pediatric skull fractures: a MarketScan analysis between 2007 and 2015. Neurosurgical Focus, 2019, 47, E10.	1.0	10
62	Prevention, diagnosis and treatment of Nelson's syndrome. Current Opinion in Endocrine and Metabolic Research, 2018, 1, 63-66.	0.6	0
63	Diagnostic Utility of Intraoperative Neurophysiological Monitoring for Intramedullary Spinal Cord Tumors. Clinical Spine Surgery, 2018, 31, 112-119.	0.7	18
64	Outpatient vs Inpatient Anterior Cervical Discectomy and Fusion: A Population-Level Analysis of Outcomes and Cost. Neurosurgery, 2018, 82, 454-464.	0.6	62
65	Spontaneous Intrauterine Depressed Skull Fractures: Report of 2 Cases Requiring Neurosurgical Intervention and Literature Review. World Neurosurgery, 2018, 110, 256-262.	0.7	9
66	Outcomes of cervical laminoplasty—Population-level analysis of a national longitudinal database. Journal of Clinical Neuroscience, 2018, 48, 66-70.	0.8	16
67	Postoperative Opioid Use, Complications, and Costs in Surgical Management of Lumbar Spondylolisthesis. Spine, 2018, 43, 1080-1088.	1.0	10
68	Long-Term Effectiveness of Gross-Total Resection for Symptomatic Spinal Cord Cavernous Malformations. Neurosurgery, 2018, 83, 1201-1208.	0.6	21
69	Neurosurgical Randomized Controlled Trials—Distance Travelled. Neurosurgery, 2018, 82, 604-612.	0.6	21
70	Surgical outcomes of pediatric spinal cord astrocytomas: systematic review and meta-analysis. Journal of Neurosurgery: Pediatrics, 2018, 22, 404-410.	0.8	25
71	Geographic variation in the surgical management of lumbar spondylolisthesis: characterizing practice patterns and outcomes. Spine Journal, 2018, 18, 2232-2238.	0.6	16
72	Surgeon Procedure Volume and Complication Rates in Anterior Cervical Discectomy and Fusions. Clinical Spine Surgery, 2017, 30, E633-E639.	0.7	33

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73	Predicting complication risk in spine surgery: a prospective analysis of a novel risk assessment tool. Journal of Neurosurgery: Spine, 2017, 27, 81-91.	0.9	81
74	Cranioplasty Complications and Costs: A National Population-Level Analysis Using the MarketScan Longitudinal Database. World Neurosurgery, 2017, 102, 209-220.	0.7	54
75	Endoscope-Assisted Abscess Drainage Secondary to Endoscope-Assisted Transforaminal Lumbar Interbody Fusion: 1-Year Follow-Up. World Neurosurgery, 2017, 107, 511-514.	0.7	2
76	Cervical Osteochondroma Causing Myelopathy in Adults: Management Considerations and Literature Review. World Neurosurgery, 2017, 97, 752.e5-752.e13.	0.7	13
77	An assessment of data and methodology of online surgeon scorecards. Journal of Neurosurgery: Spine, 2017, 26, 235-242.	0.9	7
78	Complications, Readmissions, and Revisions for Spine Procedures Performed by Orthopedic Surgeons Versus Neurosurgeons. Clinical Spine Surgery, 2017, 30, E1376-E1381.	0.7	26
79	Endoscopic vs. Microscopic Resection of Sellar Lesions—A Matched Analysis of Clinical and Socioeconomic Outcomes. Frontiers in Surgery, 2017, 4, 33.	0.6	12
80	Microsurgical vs. Endoscopic Excision of Colloid Cysts: An Analysis of Complications and Costs Using a Longitudinal Administrative Database. Frontiers in Neurology, 2017, 8, 259.	1.1	19
81	Impact of Inpatient Venous Thromboembolism Continues After Discharge. Clinical Spine Surgery, 2017, 30, E1392-E1398.	0.7	3
82	Introduction. Robotics in neurosurgery. Neurosurgical Focus, 2017, 42, E1.	1.0	32
83	Surgical outcomes of cervical spondylotic myelopathy: an analysis of a national, administrative, longitudinal database. Neurosurgical Focus, 2016, 40, E11.	1.0	57
84	Neuroregeneration. Neurosurgery, 2016, 79, N21-N22.	0.6	1
85	Predicting Occurrence of Spine Surgery Complications Using "Big Data―Modeling of an Administrative Claims Database. Journal of Bone and Joint Surgery - Series A, 2016, 98, 824-834.	1.4	64
86	Delayed Presentation of Sciatic Nerve Injury after Total Hip Arthroplasty: Neurosurgical Considerations, Diagnosis, and Management. Journal of Neurological Surgery Reports, 2016, 77, e134-e138.	0.3	8
87	Optimization of tumor resection with intra-operative magnetic resonance imaging. Journal of Clinical Neuroscience, 2016, 34, 11-14.	0.8	13
88	Neurorestoration after stroke. Neurosurgical Focus, 2016, 40, E2.	1.0	72
89	Abducens Nerve Avulsion and Facial Nerve Palsy After Temporal Bone Fracture: A Rare Concomitance of Injuries. World Neurosurgery, 2016, 88, 689.e5-689.e8.	0.7	6
90	A brief history of endoscopic spine surgery. Neurosurgical Focus, 2016, 40, E2.	1.0	70

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91	Cervical Fracture/Subluxation in a Patient with a Prior C2-Sacrum Fusion: Case Report and Review of Literature. Cureus, 2016, 8, e888.	0.2	2
92	Anterior Versus Posterior Approach for Multilevel Degenerative Cervical Disease. Spine, 2015, 40, 1033-1038.	1.0	54
93	Perspective on "The Role of Adjuvant Radiotherapy After Gross Total Resection of Atypical Meningiomas― World Neurosurgery, 2015, 83, 737-738.	0.7	4
94	Nelson Syndrome: Update on Therapeutic Approaches. World Neurosurgery, 2015, 83, 1135-1140.	0.7	16
95	National Trends in Burn and Inhalation Injury in Burn Patients. Journal of Burn Care and Research, 2015, 36, 258-265.	0.2	65
96	Improved capture of adverse events after spinal surgery procedures with a longitudinal administrative database. Journal of Neurosurgery: Spine, 2015, 23, 374-382.	0.9	25
97	Postoperative Visual Loss Following Lumbar Spine Surgery: A Review of Risk Factors by Diagnosis. World Neurosurgery, 2015, 84, 2010-2021.	0.7	35
98	Intracranial fat migration: A newly described complication of autologous fat repair of a cerebrospinal fluid leak following supracerebellar infratentorial approach. International Journal of Surgery Case Reports, 2015, 7, 1-5.	0.2	6
99	Craniotomy for Resection of Meningioma: An Age-Stratified Analysis of the MarketScan Longitudinal Database. World Neurosurgery, 2015, 84, 1864-1870.	0.7	32
100	Retrosigmoid Versus Translabyrinthine Approach for Acoustic Neuroma Resection: An Assessment of Complications and Payments in a Longitudinal Administrative Database. Cureus, 2015, 7, e369.	0.2	17
101	Intraoperative Neuromonitoring in Single-Level Spinal Procedures. Spine, 2014, 39, 1950-1959.	1.0	62
102	Revision rates and complication incidence in single- and multilevel anterior cervical discectomy and fusion procedures: an administrative database study. Spine Journal, 2014, 14, 1125-1131.	0.6	180
103	Acute Lung Injury in Patients with Subarachnoid Hemorrhage: A Nationwide Inpatient Sample Study. World Neurosurgery, 2014, 82, e235-e241.	0.7	67
104	Usage of Recombinant Human Bone Morphogenetic Protein in Cervical Spine Procedures. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1409-1416.	1.4	33
105	The use of bone morphogenetic protein in thoracolumbar spine procedures: analysis of the MarketScan longitudinal database. Spine Journal, 2014, 14, 2929-2937.	0.6	25
106	CyberKnife radiosurgery for the management of skull base and spinal chondrosarcomas. Journal of Neuro-Oncology, 2013, 114, 209-218.	1.4	24
107	Spontaneous intracranial hypotension secondary to anterior thoracic osteophyte: Resolution after primary dural repair via posterior approach. International Journal of Surgery Case Reports, 2013, 4, 26-29.	0.2	8
108	Traumatic epistaxis: Skull base defects, intracranial complications and neurosurgical considerations. International Journal of Surgery Case Reports, 2013, 4, 656-661.	0.2	15

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109	Fungal Infection of a Ventriculoperitoneal Shunt: Histoplasmosis Diagnosis and Treatment. World Neurosurgery, 2013, 80, 222.e5-222.e13.	0.7	15
110	Neurosurgical Interventions for Spondyloepiphyseal Dysplasia Congenita: Clinical Presentation and Assessment of the Literature. World Neurosurgery, 2013, 80, 437.e1-437.e8.	0.7	22
111	Biopsy versus resection for the management of low-grade gliomas. , 2013, , CD009319.		18
112	Volumetric Analysis of Intracranial Arteriovenous Malformations Contoured for CyberKnife Radiosurgery With 3-Dimensional Rotational Angiography vs Computed Tomography/Magnetic Resonance Imaging. Neurosurgery, 2013, 73, 262-270.	0.6	12
113	The effect of centralization of caseload for primary brain tumor surgeries: trends from 2001–2007. Acta Neurochirurgica, 2012, 154, 1343-1350.	0.9	29
114	Renal Osteodystrophy: Neurosurgical Considerations and Challenges. World Neurosurgery, 2012, 78, 191.e23-191.e33.	0.7	13
115	Management of intracranial and extracranial chordomas with CyberKnife stereotactic radiosurgery. Journal of Clinical Neuroscience, 2012, 19, 1101-1106.	0.8	43
116	CyberKnife stereotactic radiosurgery for the treatment of intramedullary spinal cord metastases. Journal of Clinical Neuroscience, 2012, 19, 1273-1277.	0.8	45
117	CyberKnife Stereotactic Radiosurgery for Recurrent, Metastatic, and Residual Hemangiopericytomas. Journal of Hematology and Oncology, 2011, 4, 26.	6.9	27
118	The role of radiosurgery in the treatment of craniopharyngiomas. Neurosurgical Focus, 2010, 28, E11.	1.0	40
119	Resolution of syringomyelia after release of tethered cord. World Neurosurgery, 2009, 72, 657-661.	1.3	14
120	Risk Factors for Postoperative Spinal Wound Infections After Spinal Decompression and Fusion Surgeries. Spine, 2009, 34, 1869-1872.	1.0	229
121	HMG-CoA reductase inhibition causes increased necrosis and apoptosis in an in vivo mouse glioblastoma multiforme model. Anticancer Research, 2009, 29, 4901-8.	0.5	25
122	The temporal correlation of dynamic contrast-enhanced magnetic resonance imaging with tumor angiogenesis in a murine glioblastoma model. Neurological Research, 2008, 30, 952-959.	0.6	22
123	The Cancer Stem Cell–Vascular Niche Complex in Brain Tumor Formation. Stem Cells and Development, 2008, 17, 859-868.	1.1	41
124	Integrin $\hat{l}\pm v\hat{l}^2$ 3-Targeted Radioimmunotherapy of Glioblastoma Multiforme. Clinical Cancer Research, 2008, 14, 7330-7339.	3.2	79
125	Moyamoya disease in pediatric patients: outcomes of neurosurgical interventions. Neurosurgical Focus, 2008, 24, E16.	1.0	113
126	OUTCOMES AFTER REPEAT TRANSSPHENOIDAL SURGERY FOR RECURRENT CUSHING'S DISEASE. Neurosurgery, 2008, 63, 266-271.	0.6	146

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127	Integrin Î \pm vÎ 2 3 Antagonists for Anti-Angiogenic Cancer Treatment. Recent Patents on Anti-Cancer Drug Discovery, 2007, 2, 143-158.	0.8	52
128	Glutaric acidemia type I: a neurosurgical perspective. Journal of Neurosurgery: Pediatrics, 2007, 107, 167-172.	0.8	6
129	Vascular Endothelial Growth Factor and Vascular Endothelial Growth Factor Receptor Inhibitors as Anti-Angiogenic Agents in Cancer Therapy. Recent Patents on Anti-Cancer Drug Discovery, 2007, 2, 59-71.	0.8	53
130	Spinal gout in a renal transplant patient: a case report and literature review. World Neurosurgery, 2007, 67, 65-73.	1.3	48
131	Multimodality molecular imaging of glioblastoma growth inhibition with vasculature-targeting fusion toxin VEGF121/rGel. Journal of Nuclear Medicine, 2007, 48, 445-54.	2.8	85