

Avani Vaishnav

List of Publications by Year in descending order

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papers

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516710

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647
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#	ARTICLE	IF	CITATIONS
1	Opioid-free anesthesia within an enhanced recovery after surgery pathway for minimally invasive lumbar spine surgery: a retrospective matched cohort study. <i>Neurosurgical Focus</i> , 2019, 46, E8.	2.3	94
2	Current state of minimally invasive spine surgery. <i>Journal of Spine Surgery</i> , 2019, 5, S2-S10.	1.2	71
3	An enhanced recovery after surgery pathway: association with rapid discharge and minimal complications after anterior cervical spine surgery. <i>Neurosurgical Focus</i> , 2019, 46, E9.	2.3	61
4	Retrospective Review of Immediate Restoration of Lordosis in Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Comparison of Static and Expandable Interbody Cages. <i>Operative Neurosurgery</i> , 2020, 18, 518-523.	0.8	51
5	The rate of fusion for stand-alone anterior lumbar interbody fusion: a systematic review. <i>Spine Journal</i> , 2019, 19, 1294-1301.	1.3	49
6	Restoration of lumbar lordosis after minimally invasive transforaminal lumbar interbody fusion: a systematic review. <i>Spine Journal</i> , 2019, 19, 951-958.	1.3	42
7	The current state of navigation in robotic spine surgery. <i>Annals of Translational Medicine</i> , 2021, 9, 86-86.	1.7	40
8	A Review of Techniques, Time Demand, Radiation Exposure, and Outcomes of Skin-anchored Intraoperative 3D Navigation in Minimally Invasive Lumbar Spinal Surgery. <i>Spine</i> , 2020, 45, E465-E476.	2.0	38
9	Radiation Exposure in Minimally Invasive Transforaminal Lumbar Interbody Fusion: The Effect of the Learning Curve. <i>International Journal of Spine Surgery</i> , 2019, 13, 39-45.	1.5	37
10	Correlation between NDI, PROMIS and SF-12 in cervical spine surgery. <i>Spine Journal</i> , 2020, 20, 409-416.	1.3	31
11	Fusion rate for stand-alone lateral lumbar interbody fusion: a systematic review. <i>Spine Journal</i> , 2020, 20, 1816-1825.	1.3	31
12	Does interbody cage lordosis impact actual segmental lordosis achieved in minimally invasive lumbar spine fusion?. <i>Neurosurgical Focus</i> , 2020, 49, E17.	2.3	26
13	Safety of 2-level Anterior Cervical Discectomy and Fusion (ACDF) Performed in an Ambulatory Surgery Setting With Same-day Discharge. <i>Clinical Spine Surgery</i> , 2019, 32, E153-E159.	1.3	22
14	Does robot-assisted navigation influence pedicle screw selection and accuracy in minimally invasive spine surgery?. <i>Neurosurgical Focus</i> , 2022, 52, E4.	2.3	22
15	The Use of Patient-Reported Outcomes Measurement Information System in Spine: A Systematic Review. <i>International Journal of Spine Surgery</i> , 2021, 15, 186-194.	1.5	18
16	Comparison of Inpatient and Outpatient Preoperative Factors and Postoperative Outcomes in 2-Level Cervical Disc Arthroplasty. <i>Neurospine</i> , 2018, 15, 376-382.	2.9	18
17	Minimally Invasive Spine Lumbar Surgery in Obese Patients: A Systematic Review and Meta-Analysis. <i>HSS Journal</i> , 2020, 16, 168-176.	1.7	16
18	Development and Initial Internal Validation of a Novel Classification System for Perioperative Expectations Following Minimally Invasive Degenerative Lumbar Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, 34, E537-E544.	1.3	15

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19	A Novel Magnetic Resonance Imaging-based Lumbar Muscle Grade to Predict Health-related Quality of Life Scores Among Patients Requiring Surgery. <i>Spine</i> , 2021, 46, 259-267.	2.0	15
20	Effect of Myelopathy on Early Clinical Improvement After Cervical Disc Replacement: A Study of a Local Patient Cohort and a Large National Cohort. <i>Neurospine</i> , 2019, 16, 563-573.	2.9	15
21	Predictive Factors and Rates of Fusion in Minimally Invasive Transforaminal Lumbar Interbody Fusion Utilizing rhBMP-2 or Mesenchymal Stem Cells. <i>International Journal of Spine Surgery</i> , 2019, 13, 46-52.	1.5	14
22	Psychometric Evaluation of Patient-reported Outcomes Measurement Information System Physical Function Computer Adaptive Testing in Minimally Invasive Lumbar Spine Surgery: An Analysis of Responsiveness, Coverage, Discriminant Validity, and Concurrent Validity. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 717-729.	2.5	14
23	Future endeavors in ambulatory spine surgery. <i>Journal of Spine Surgery</i> , 2019, 5, S139-S146.	1.2	13
24	Comparison of Multilevel Anterior Cervical Discectomy and Fusion Performed in an Inpatient Versus Outpatient Setting. <i>Global Spine Journal</i> , 2019, 9, 834-842.	2.3	12
25	Workflow and Efficiency of Robotic-Assisted Navigation in Spine Surgery. <i>HSS Journal</i> , 2021, 17, 302-307.	1.7	12
26	The necessity and risk factors of subsequent fusion after decompression alone for lumbar spinal stenosis with lumbar spondylolisthesis: 5 years follow-up in two different large populations. <i>Spine Journal</i> , 2020, 20, 1566-1572.	1.3	12
27	Practical answers to frequently asked questions in minimally invasive lumbar spine surgery. <i>Spine Journal</i> , 2023, 23, 54-63.	1.3	12
28	Time-demand, Radiation Exposure and Outcomes of Minimally Invasive Spine Surgery With the Use of Skin-Anchored Intraoperative Navigation. <i>Clinical Spine Surgery</i> , 2022, 35, E111-E120.	1.3	11
29	Intraoperative Neuromonitoring During Lateral Lumbar Interbody Fusion. <i>Neurospine</i> , 2021, 18, 430-436.	2.9	10
30	Impact of Nonlordotic Sagittal Alignment on Short-term Outcomes of Cervical Disc Replacement. <i>Neurospine</i> , 2020, 17, 588-602.	2.9	9
31	Is the likelihood of dysphagia different in patients undergoing one-level versus two-level anterior cervical discectomy and fusion?. <i>Spine Journal</i> , 2020, 20, 737-744.	1.3	8
32	Preoperative opioids before adult spinal deformity surgery associated with increased reoperations and high rates of chronic postoperative opioid use at 3-year follow-up. <i>Spine Deformity</i> , 2022, 10, 615-623.	1.5	8
33	Multimodality Intraoperative Neuromonitoring in Lateral Lumbar Interbody Fusion: A Review of Alerts in 628 Patients. <i>Global Spine Journal</i> , 2021, , 219256822110003.	2.3	7
34	The association between spondylolisthesis and decreased muscle health throughout the lumbar spine for patients with operative lumbar spinal stenosis. <i>European Spine Journal</i> , 2021, 30, 2605-2612.	2.2	7
35	Does loss of spondylolisthesis reduction impact clinical and radiographic outcomes after minimally invasive transforaminal lumbar interbody fusion?. <i>Spine Journal</i> , 2022, 22, 95-103.	1.3	7
36	Robotics and Spine Surgery: Lessons From the Personal Computer and Industrial Revolutions. <i>International Journal of Spine Surgery</i> , 2021, 15, S21-S27.	1.5	7

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37	Outcomes of cervical disc replacement in patients with neck pain greater than arm pain. Spine Journal, 2022, 22, 1481-1489.	1.3	7
38	Facet Violation With Percutaneous Pedicle Screw Placement: Impact of 3D Navigation and Facet Orientation. HSS Journal, 2021, 17, 281-288.	1.7	6
39	Early Failures After Lumbar Discectomy Surgery: An Analysis of 62â€™690 Patients. Global Spine Journal, 2021, 11, 1025-1031.	2.3	5
40	The Feasibility of 3D Intraoperative Navigation in Lateral Lumbar Interbody Fusion: Perioperative Outcomes, Accuracy of Cage Placement and Radiation Exposure. Global Spine Journal, 2023, 13, 737-744.	2.3	5
41	Combining Expandable Interbody Cage Technology With a Minimally Invasive Technique to Harvest Iliac Crest Autograft Bone to Optimize Fusion Outcomes in Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery. Clinical Spine Surgery, 2021, 34, E522-E530.	1.3	5
42	Computer-Assisted Navigation Is Associated With Decreased Rates of Hardware-Related Revision After Instrumented Posterior Lumbar Fusion. Global Spine Journal, 2021, , 219256822110196.	2.3	4
43	Intraoperative image guidance for lateral position surgery. Annals of Translational Medicine, 2021, 9, 90-90.	1.7	3
44	Technique, Time Demand, Radiation Exposure, and Outcomes of Skin-anchored Intraoperative 3D Navigation in Minimally Invasive Posterior Cervical Laminoforaminotomy. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	3
45	How do high preoperative pain scores impact the clinical course and outcomes for patients undergoing lumbar microdiscectomy?. Journal of Neurosurgery: Spine, 2020, 33, 772-778.	1.7	3
46	Surface Navigation and the Influence of Navigation on MIS Surgery. Global Spine Journal, 2022, 12, 19S-26S.	2.3	3
47	Medical optimization of modifiable risk factors before thoracolumbar three-column osteotomies: an analysis of 195 patients. Spine Deformity, 2020, 8, 1039-1047.	1.5	2
48	Cervical Steroid Injections Are Not Effective for Prevention of Surgical Treatment of Degenerative Cervical Myelopathy. Global Spine Journal, 2023, 13, 1237-1242.	2.3	2
49	Do Pre-operative Clinical and Radiographic Characteristics Impact Patient Outcomes Following One-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion Based Upon Presenting Symptoms?. Spine Journal, 2021, .	1.3	2
50	Cervical Disc Replacement for Radiculopathy Versus Myeloradiculopathy. Clinical Spine Surgery, 2022, 35, 170-175.	1.3	2
51	Reoperations after primary and revision lumbar discectomy: study of a national-level cohort with eight years follow-up. Spine Journal, 2022, 22, 1983-1989.	1.3	2
52	Revision Strategies in Minimally Invasive Spine Surgery. Contemporary Spine Surgery, 2019, 20, 1-7.	0.1	1
53	Early Catastrophic Failure of Cervical Disc Arthroplasty. JBJS Case Connector, 2021, 11, e20.00185-e20.00185.	0.3	1
54	Commentary: Relationship Between Preoperative Opioid Use and Postoperative Pain in Patients Undergoing Minimally-Invasive Stand-Alone Lateral Lumbar Interbody Fusion. Neurosurgery, 2020, 87, E625-E627.	1.1	0

#	ARTICLE	IF	CITATIONS
55	Reply to Commentary on "Impact of Nonlordotic Sagittal Alignment on Short-term Outcomes of Cervical Disc Replacement" Neurospine, 2021, 18, 415-416.	2.9	0
56	Association Between Patient Reported Outcomes Measurement Information System Physical Function With Postoperative Pain, Narcotics Consumption, and Patient-Reported Outcome Measures Following Lumbar Microdiscectomy. Global Spine Journal, 2024, 14, 225-234.	2.3	0