

Juan S Uribe

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,413
citations

236925

25
h-index

223800

46
g-index

88
all docs

88
docs citations

88
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the safe working zones using the minimally invasive lateral retroperitoneal transpsoas approach: an anatomical study. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 260-266.	1.7	289
2	Minimally invasive anterior, lateral, and oblique lumbar interbody fusion: a literature review. <i>Annals of Translational Medicine</i> , 2018, 6, 104-104.	1.7	198
3	The minimally invasive spinal deformity surgery algorithm: a reproducible rational framework for decision making in minimally invasive spinal deformity surgery. <i>Neurosurgical Focus</i> , 2014, 36, E6.	2.3	135
4	Electromyographic Monitoring and Its Anatomical Implications in Minimally Invasive Spine Surgery. <i>Spine</i> , 2010, 35, S368-S374.	2.0	125
5	Lordosis restoration after anterior longitudinal ligament release and placement of lateral hyperlordotic interbody cages during the minimally invasive lateral transpsoas approach: a radiographic study in cadavers. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 476-485.	1.7	116
6	Visceral, vascular, and wound complications following over 13,000 lateral interbody fusions: a survey study and literature review. <i>European Spine Journal</i> , 2015, 24, 386-396.	2.2	94
7	Anterior longitudinal ligament release using the minimally invasive lateral retroperitoneal transpsoas approach: a cadaveric feasibility study and report of 4 clinical cases. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 530-539.	1.7	83
8	Can triggered electromyography monitoring throughout retraction predict postoperative symptomatic neuropraxia after XLIF? Results from a prospective multicenter trial. <i>European Spine Journal</i> , 2015, 24, 378-385.	2.2	81
9	Brachial plexus injury following spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 552-558.	1.7	77
10	Radiographic outcomes of anterior column realignment for adult sagittal plane deformity: a multicenter analysis. <i>European Spine Journal</i> , 2015, 24, 427-432.	2.2	75
11	Anterior Column Realignment has Similar Results to Pedicle Subtraction Osteotomy in Treating Adults with Sagittal Plane Deformity. <i>World Neurosurgery</i> , 2017, 105, 249-256.	1.3	60
12	Complications and neurological deficits following minimally invasive anterior column release for adult spinal deformity: a retrospective study. <i>European Spine Journal</i> , 2015, 24, 397-404.	2.2	59
13	The MISDEF2 algorithm: an updated algorithm for patient selection in minimally invasive deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 221-228.	1.7	49
14	The comprehensive anatomical spinal osteotomy and anterior column realignment classification. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 565-575.	1.7	47
15	Single-position prone lateral approach: cadaveric feasibility study and early clinical experience. <i>Neurosurgical Focus</i> , 2020, 49, E15.	2.3	46
16	A Quantitative Assessment of the Accuracy and Reliability of Robotically Guided Percutaneous Pedicle Screw Placement: Technique and Application Accuracy. <i>Operative Neurosurgery</i> , 2019, 17, 389-395.	0.8	43
17	Finite element analysis of lordosis restoration with anterior longitudinal ligament release and lateral hyperlordotic cage placement. <i>European Spine Journal</i> , 2015, 24, 420-426.	2.2	42
18	Femoral nerve and lumbar plexus injury after minimally invasive lateral retroperitoneal transpsoas approach: electrodiagnostic prognostic indicators and a roadmap to recovery. <i>Neurosurgical Review</i> , 2018, 41, 457-464.	2.4	41

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19	Minimally Invasive Lateral Retropleural Thoracolumbar Approach: Cadaveric Feasibility Study and Report of 4 Clinical Cases. <i>Operative Neurosurgery</i> , 2011, 68, ons32-ons39.	0.8	36
20	Minimally invasive surgery for thoracolumbar spinal trauma. <i>Annals of Translational Medicine</i> , 2018, 6, 102-102.	1.7	36
21	Biomechanical study of rod stress after pedicle subtraction osteotomy versus anterior column reconstruction: A finite element study. , 2017, 8, 207.		34
22	Minimally invasive anterior and lateral transpsoas approaches for closed reduction of grade II spondylolisthesis: initial clinical and radiographic experience. <i>Neurosurgical Focus</i> , 2018, 44, E4.	2.3	31
23	Anterior Column Realignment (ACR) in adult sagittal deformity correction. <i>Spine</i> , 2016, 41 Suppl 8, 1.	2.0	29
24	Neuroanesthesia Guidelines for Optimizing Transcranial Motor Evoked Potential Neuromonitoring During Deformity and Complex Spinal Surgery. <i>Spine</i> , 2020, 45, 911-920.	2.0	29
25	Minimally Invasive Single-Position Lateral Interbody Fusion With Robotic Bilateral Percutaneous Pedicle Screw Fixation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E121-E121.	0.8	28
26	A Critical Analysis of Sagittal Plane Deformity Correction With Minimally Invasive Adult Spinal Deformity Surgery: A 2-Year Follow-Up Study. <i>Spine Deformity</i> , 2017, 5, 265-271.	1.5	27
27	Limited access inferior temporal gyrus approach to mesial basal temporal lobe tumors. <i>Journal of Neurosurgery</i> , 2009, 110, 137-146.	1.6	26
28	Role of minimally invasive surgery for adult spinal deformity in preventing complications. <i>Current Reviews in Musculoskeletal Medicine</i> , 2016, 9, 309-315.	3.5	26
29	Implementation of a Standardized Multimodal Postoperative Analgesia Protocol Improves Pain Control, Reduces Opioid Consumption, and Shortens Length of Hospital Stay After Posterior Lumbar Spinal Fusion. <i>Neurosurgery</i> , 2020, 87, 130-136.	1.1	23
30	Robotics in Spine Surgery: A Technical Overview and Review of Key Concepts. <i>Frontiers in Surgery</i> , 2021, 8, 578674.	1.4	23
31	Preservation or Restoration of Segmental and Regional Spinal Lordosis Using Minimally Invasive Interbody Fusion Techniques in Degenerative Lumbar Conditions. <i>Spine</i> , 2016, 41 Suppl 8, 1.	2.0	19
32	Effects of intradiscal vacuum phenomenon on surgical outcome of lateral interbody fusion for degenerative lumbar disease. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 419-425.	1.7	18
33	Single position spinal surgery for the treatment of grade II spondylolisthesis: A technical note. <i>Journal of Clinical Neuroscience</i> , 2019, 65, 145-147.	1.5	18
34	Analysis of Cost and 30-Day Outcomes in Single-Level Transforaminal Lumbar Interbody Fusion and Less Invasive, Stand-Alone Lateral Transpsoas Interbody Fusion. <i>World Neurosurgery</i> , 2019, 122, e1037-e1040.	1.3	17
35	Development of Proximal Junctional Kyphosis After Minimally Invasive Lateral Anterior Column Realignment for Adult Spinal Deformity. <i>Neurosurgery</i> , 2019, 84, 442-450.	1.1	16
36	Minimally Invasive Anterior Longitudinal Ligament Release for Anterior Column Realignment. <i>Global Spine Journal</i> , 2020, 10, 101S-110S.	2.3	16

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37	“Disruptive Technology” in Spine Surgery and Education: Virtual and Augmented Reality. Operative Neurosurgery, 2021, 21, S85-S93.	0.8	16
38	Anterior Column Release/Realignment. Neurosurgery Clinics of North America, 2018, 29, 427-437.	1.7	15
39	The utilization of minimally invasive surgery techniques for the treatment of spinal deformity. Journal of Spine Surgery, 2019, 5, S84-S90.	1.2	15
40	Prone Lateral Lumbar Interbody Fusion: Case Report and Technical Note. World Neurosurgery, 2020, 144, 170-177.	1.3	15
41	Mini-open Lateral Retropleural Approach for Symptomatic Thoracic Disk Herniations. Clinical Spine Surgery, 2018, 31, 14-21.	1.3	14
42	Minimally Invasive Transforaminal Interbody Fusion With Robotically Assisted Bilateral Pedicle Screw Fixation: 2-Dimensional Operative Video. Operative Neurosurgery, 2019, 16, E86-E87.	0.8	14
43	The minimally invasive interbody selection algorithm for spinal deformity. Journal of Neurosurgery: Spine, 2021, 34, 741-748.	1.7	13
44	Retrospective Multicenter Assessment of Rod Fracture After Anterior Column Realignment in Minimally Invasive Adult Spinal Deformity Correction. World Neurosurgery, 2019, 130, e400-e405.	1.3	12
45	Timing of Lateral Lumbar Interbody Subsidence: Review of Exclusive Intraoperative Subsidence. World Neurosurgery, 2020, 137, e208-e212.	1.3	12
46	Continuous Activity Tracking Using a Wrist-Mounted Device in Adult Spinal Deformity: A Proof of Concept Study. World Neurosurgery, 2019, 122, 349-354.	1.3	11
47	Range of Motion Testing of a Novel 3D-Printed Synthetic Spine Model. Global Spine Journal, 2020, 10, 419-424.	2.3	11
48	Postural Stability and Dynamic Balance in Adult Spinal Deformity: Prospective Pilot Study. World Neurosurgery, 2020, 141, e783-e791.	1.3	11
49	Covered Stent to Salvage Iatrogenic Vertebral Artery Injury with Uncontrolled Bleeding in the Operating Room Setting. World Neurosurgery, 2019, 122, 282-286.	1.3	10
50	Optimizing biomechanics of anterior column realignment for minimally invasive deformity correction. Spine Journal, 2020, 20, 465-474.	1.3	10
51	Patient-Controlled Analgesia Following Lumbar Spinal Fusion Surgery Is Associated With Increased Opioid Consumption and Opioid-Related Adverse Events. Neurosurgery, 2020, 87, 592-601.	1.1	10
52	Two- and three-year outcomes of minimally invasive and hybrid correction of adult spinal deformity. Journal of Neurosurgery: Spine, 2022, 36, 595-608.	1.7	10
53	Early surgical intervention among patients with acute central cord syndrome is not associated with higher mortality and morbidity. Journal of Spine Surgery, 2019, 5, 466-474.	1.2	8
54	Single-Position Surgery: Prone Lateral Lumbar Interbody Fusion: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E369-E369.	0.8	8

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55	Surgical anatomy of minimally invasive lateral approaches to the thoracolumbar junction. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 937-944.	1.7	8
56	Influence of Lumbar Lordosis on Posterior Rod Strain in Long-Segment Construct During Biomechanical Loading: A Cadaveric Study. <i>Neurospine</i> , 2021, 18, 635-643.	2.9	7
57	Biomechanical effects of a novel posteriorly placed sacroiliac joint fusion device integrated with traditional lumbopelvic long-construct instrumentation. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 320-329.	1.7	7
58	Combined Lateral Transposas Anterior Column Realignment with Pedicle Subtraction Osteotomy to Treat Severe Sagittal Plane Deformity: Cadaveric Feasibility Study and Early Clinical Experience. <i>World Neurosurgery</i> , 2019, 121, e589-e595.	1.3	6
59	Adverse Effects of Perioperative Blood Transfusion in Spine Surgery. <i>World Neurosurgery</i> , 2021, 149, 73-79.	1.3	6
60	Biomechanics of a laterally placed sacroiliac joint fusion device supplemental to S2 alar-iliac fixation in a long-segment adult spinal deformity construct: a cadaveric study of stability and strain distribution. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 42-52.	1.7	6
61	Golf: a contact sport. Repetitive traumatic discopathy may be the driver of early lumbar degeneration in modern-era golfers. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 914-917.	1.7	6
62	Patient outcomes after circumferential minimally invasive surgery compared with those of open correction for adult spinal deformity: initial analysis of prospectively collected data. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-12.	1.7	6
63	Kickstand rods and correction of coronal malalignment in patients with adult spinal deformity. <i>European Spine Journal</i> , 2022, 31, 1197-1205.	2.2	6
64	Retropleural Thoracic Approach. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 43-48.	1.7	5
65	Lateral Interbody Fusion at L4/5: Management of the Transitional Psoas. <i>World Neurosurgery</i> , 2021, 148, e192-e196.	1.3	5
66	Posterior open wedge anterior longitudinal ligament release: Cadaveric technique analysis. <i>Clinical Anatomy</i> , 2019, 32, 348-353.	2.7	4
67	Safety of lateral access to the concave side for adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 100-104.	1.7	3
68	Release of Anterior Longitudinal Ligament in Setting of Unfavorable Vascular Anatomy for Anterior Column Realignment – Technical Note: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E189-E189.	0.8	2
69	Emerging Technologies in Spinal Surgery: Ultra-Low Radiation Imaging Platforms. <i>Operative Neurosurgery</i> , 2021, 21, S39-S45.	0.8	2
70	Determining the time frame of maximum clinical improvement in surgical decompression for cervical spondylotic myelopathy when stratified by preoperative myelopathy severity: a cervical Quality Outcomes Database study. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-9.	1.7	2
71	Commentary: Artificial Neural Networks to Assess Virtual Reality Anterior Cervical Discectomy Performance. <i>Operative Neurosurgery</i> , 2020, 19, E22-E23.	0.8	1
72	Proximal fusion constructs in minimally invasive scoliosis surgery are successful without interbody or intertransverse fusion. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 851-856.	1.7	1

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73	MIS lateral ACR for spinal deformity correction: technique and complication avoidance. <i>Neurosurgical Focus Video</i> , 2020, 2, V1.	0.3	1
74	Radiographic comparison of lordotic and hyperlordotic implants in L5-S1 anterior lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 775-783.	1.7	1
75	Are Minimally Invasive Spine Surgeons or Classical Open Spine Surgeons More Consistent with Their Treatment of Adult Spinal Deformity?. <i>World Neurosurgery</i> , 2022, 165, e51-e58.	1.3	1
76	Commentary: Surgical Treatment of Flat Back Syndrome With Anterior Hyperlordotic Cages. <i>Operative Neurosurgery</i> , 2019, 18, E64-E65.	0.8	0
77	Commentary: Prognostic Factors for Adjacent Segment Disease After L4-L5 Lumbar Fusion. <i>Neurosurgery</i> , 2020, 86, E528-E528.	1.1	0
78	Commentary: Ten-Step Minimally Invasive Cervical Decompression Via Unilateral Tubular Laminotomy: Technical Note and Early Clinical Experience. <i>Operative Neurosurgery</i> , 2020, 18, E25-E26.	0.8	0
79	Placement of Guide-Wireless Sharp Percutaneous Pedicle Screws Utilizing Computed Tomography-Navigation and Sentinel Fluoroscopy: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E149-E150.	0.8	0
80	Multistage Hybrid Approach to Management of Significant Sagittal Malalignment: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E605-E605.	0.8	0
81	Commentary: Anterior Column Realignment: Analysis of Neurological Risk and Radiographic Outcomes. <i>Neurosurgery</i> , 2020, 87, E355-E356.	1.1	0
82	Subaxial Cervical Pedicle Screw Placement With Direct Visualization of Pedicle Borders: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E54-E54.	0.8	0
83	Commentary: Present and Future Spinal Robotic and Enabling Technologies. <i>Operative Neurosurgery</i> , 2021, 21, S57-S58.	0.8	0
84	Prevention of Perioperative Abdominal Migraine in a Patient Undergoing Spinal Fusion: A Case Report. <i>A&A Practice</i> , 2021, 15, e01484.	0.4	0
85	Mini-Open Lateral Approach for Corpectomy in the Thoracolumbar Spine. <i>International Journal of Spine Surgery</i> , 2022, 16, S26-S32.	1.5	0
86	Subtle segmental angle changes of single-level lumbar fusions and adjacent-level biomechanics: cadaveric study of optically measured disc strain. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 525-534.	1.7	0
87	Safe dissection and complication avoidance for L1-L2 interbody placement via a lateral access approach. <i>Neurosurgical Focus Video</i> , 2022, 7, V5.	0.3	0
88	Mini-open lateral retropleural thoracic discectomy approach. <i>Neurosurgical Focus Video</i> , 2022, 7, V2.	0.3	0