

# Albert E Telfeian

## List of Publications by Year in descending order

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88  
papers

1,194  
citations

394421

19  
h-index

454955

30  
g-index

88  
all docs

88  
docs citations

88  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-Specific Pathways for the Horizontal Propagation of Epileptiform Discharges in Neocortex. <i>Epilepsia</i> , 1998, 39, 700-708.	5.1	110
2	A brief history of endoscopic spine surgery. <i>Neurosurgical Focus</i> , 2016, 40, E2.	2.3	70
3	Outcomes of endoscopic discectomy compared with open microdiscectomy and tubular microdiscectomy for lumbar disc herniations: a meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 802-815.	1.7	57
4	Transforaminal Endoscopic Foraminoplasty and Discectomy for the Treatment of a Thoracic Disc Herniation. <i>World Neurosurgery</i> , 2016, 90, 194-198.	1.3	52
5	The anatomic rationale for transforaminal endoscopic interbody fusion: a cadaveric analysis. <i>Neurosurgical Focus</i> , 2016, 40, E12.	2.3	46
6	Clinical success of transforaminal endoscopic discectomy with foraminotomy: A retrospective evaluation. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1961-1965.	1.4	43
7	Patient radiation exposure during transforaminal lumbar endoscopic spine surgery: a prospective study. <i>Neurosurgical Focus</i> , 2016, 40, E7.	2.3	41
8	Cerebrospinal fluid leaks after spine tumor resection: avoidance, recognition and management. <i>Annals of Translational Medicine</i> , 2019, 7, 217-217.	1.7	40
9	Chordoma—Current Understanding and Modern Treatment Paradigms. <i>Journal of Clinical Medicine</i> , 2021, 10, 1054.	2.4	37
10	Transforaminal endoscopic surgery under local analgesia for ventral epidural thoracic spinal tumor: Case report. <i>Clinical Neurology and Neurosurgery</i> , 2015, 134, 1-3.	1.4	35
11	A retrospective evaluation of the clinical success of transforaminal endoscopic discectomy with foraminotomy in geriatric patients. <i>Pain Physician</i> , 2013, 16, 225-9.	0.4	34
12	Widely integrative properties of layer 5 pyramidal cells support a role for processing of extralaminar synaptic inputs in rat neocortex. <i>Neuroscience Letters</i> , 2003, 343, 121-124.	2.1	33
13	Epileptiform Propagation Patterns Mediated by NMDA and Non-NMDA Receptors in Rat Neocortex. <i>Epilepsia</i> , 1999, 40, 1499-1506.	5.1	31
14	Minimally Invasive Thoracolumbar Corpectomy and Stabilization for Unstable Burst Fractures Using Intraoperative Computed Tomography and Computer-Assisted Spinal Navigation. <i>World Neurosurgery</i> , 2019, 122, e1266-e1274.	1.3	29
15	Three-Dimensional Printed Anatomic Modeling for Surgical Planning and Real-Time Operative Guidance in Complex Primary Spinal Column Tumors: Single-Center Experience and Case Series. <i>World Neurosurgery</i> , 2021, 145, e116-e126.	1.3	27
16	Technical considerations in transforaminal endoscopic discectomy with foraminoplasty for the treatment of spondylolisthesis: Case report. <i>Clinical Neurology and Neurosurgery</i> , 2014, 119, 84-87.	1.4	24
17	Intra- and Perioperative Complications Associated with Endoscopic Spine Surgery: A Multi-Institutional Study. <i>World Neurosurgery</i> , 2018, 120, e1054-e1060.	1.3	23
18	Endoscopic transforaminal discectomy for an extruded lumbar disc herniation. <i>Pain Physician</i> , 2013, 16, E31-5.	0.4	22

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19	Transforaminal endoscopic discectomy with foraminoplasty for the treatment of spondylolisthesis. Pain Physician, 2014, 17, E703-8.	0.4	22
20	Transforaminal Endoscopic Solution to a Kyphoplasty Complication: Technical Note. World Neurosurgery, 2016, 91, 195-198.	1.3	18
21	Transforaminal endoscopic treatment of lumbar radiculopathy after instrumented lumbar spine fusion. Pain Physician, 2015, 18, 179-84.	0.4	18
22	Transforaminal Endoscopic Treatment of Lumbar Radiculopathy after Instrumented Lumbar Spine Fusion. Pain Physician, 2015, 2;18, 179-184.	0.4	17
23	Transforaminal endoscopic decompression of a postoperative dislocated bone fragment after a 2-level lumbar total disc replacement: case report. Neurosurgical Focus, 2016, 40, E8.	2.3	16
24	Oncologic benefits of dural resection in spinal meningiomas: a meta-analysis of Simpson grades and recurrence rates. Journal of Neurosurgery: Spine, 2020, 32, 441-451.	1.7	15
25	Intraoperative Computed Tomography Navigational Assistance for Transforaminal Endoscopic Decompression of Heterotopic Foraminal Bone Formation After Oblique Lumbar Interbody Fusion. World Neurosurgery, 2018, 115, 29-34.	1.3	14
26	Incidence and Implications of Incidental Durotomy in Transforaminal Endoscopic Spine Surgery: Case Series. World Neurosurgery, 2020, 134, e951-e955.	1.3	14
27	Full endoscopic cervical spine surgery. Journal of Spine Surgery, 2020, 6, 383-390.	1.2	14
28	Difficulties, Challenges, and the Learning Curve of Avoiding Complications in Lumbar Endoscopic Spine Surgery. International Journal of Spine Surgery, 2021, 15, S21-S37.	1.5	14
29	Technical considerations in transforaminal endoscopic spine surgery at the thoracolumbar junction: report of 3 cases. Neurosurgical Focus, 2016, 40, E9.	2.3	13
30	Minimally invasive fully endoscopic two-level posterior cervical foraminotomy: technical note. Journal of Spine Surgery, 2017, 3, 238-242.	1.2	13
31	Transforaminal Endoscopic Decompression in the Setting of Lateral Lumbar Spondylolisthesis. World Neurosurgery, 2018, 117, 321-325.	1.3	13
32	Endoscopic surgical treatment for symptomatic spinal metastases in long-term cancer survivors. Journal of Spine Surgery, 2020, 6, 372-382.	1.2	13
33	Minimally invasive direct lateral, retroperitoneal transforaminal approach for large L1-L2 disc herniations with intraoperative CT navigational assistance: technical note and report of 3 cases. Journal of Neurosurgery: Spine, 2018, 29, 46-53.	1.7	12
34	Maximizing Sacral Chordoma Resection by Precise 3-Dimensional Tumor Modeling in the Operating Room Using Intraoperative Computed Tomography Registration with Preoperative Magnetic Resonance Imaging Fusion and Intraoperative Neuronavigation: A Case Series. World Neurosurgery, 2019, 125, e1125-e1131.	1.3	12
35	Transforaminal endoscopic solution to disk reherniation post-mini-TLIF: Case report. Clinical Neurology and Neurosurgery, 2015, 131, 69-71.	1.4	11
36	Endoscopic foraminotomy for recurrent lumbar radiculopathy after TLIF: Technical report. , 2015, 6, 62.		11

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37	Awake, Endoscopic Revision Surgery for Lumbar Pseudarthrosis After Transforaminal Lumbar Interbody Fusion: Technical Notes. <i>World Neurosurgery</i> , 2020, 136, 117-121.	1.3	10
38	Neighborhood-Level Socioeconomic Status Predicts Extended Length of Stay After Elective Anterior Cervical Spine Surgery. <i>World Neurosurgery</i> , 2022, 163, e341-e348.	1.3	10
39	Transpedicular endoscopic surgery for lumbar spinal synovial cysts—report of two cases. <i>Journal of Spine Surgery</i> , 2016, 2, 310-313.	1.2	8
40	Contralateral facet-sparing sublaminar endoscopic foraminotomy for the treatment of lumbar lateral recess stenosis: technical note. <i>Journal of Spine Surgery</i> , 2017, 3, 260-266.	1.2	8
41	A Transforaminal Endoscopic Approach for Treatment of a Lumbar Perineural Cyst: Technical Note. <i>World Neurosurgery</i> , 2019, 127, 85-91.	1.3	8
42	Endoscopic Techniques for Lumbar Interbody Fusion: Principles and Context. <i>BioMed Research International</i> , 2022, 2022, 1-9.	1.9	8
43	Transforaminal Endoscopic Decompression for Displaced End Plate Fracture After Lateral Lumbar Interbody Fusion: Technical Note. <i>World Neurosurgery</i> , 2017, 106, 26-29.	1.3	7
44	Minimally invasive approach to non-missile penetrating spinal injury with resultant retained foreign body: A case report and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105405.	1.4	7
45	Transforaminal Endoscopic Approach for Lumbar Extraforaminal Synovial Cysts: Technical Note. <i>World Neurosurgery</i> , 2020, 134, 415-419.	1.3	7
46	Fully-endoscopic lumbar laminectomy for central and lateral recess stenosis: Technical note. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018, 13, 6-9.	0.3	6
47	Transforaminal Endoscopic Decompression for Foot Drop 12 Years After Lumbar Total Disk Replacement. <i>World Neurosurgery</i> , 2018, 116, 136-139.	1.3	6
48	Transforaminal Endoscopic Surgical Treatment for Posterior Migration of Polyetheretherketone Transforaminal Lumbar Interbody Fusion Cage: Case Series. <i>World Neurosurgery</i> , 2021, 147, e437-e443.	1.3	6
49	Transforaminal Endoscopic Approach for Large-Sample Tumor Biopsy using Beveled Working Channel for Core Technique: A Technical Note. <i>World Neurosurgery</i> , 2020, 141, 346-351.	1.3	6
50	Full Endoscopic Surgery for Thoracic Pathology: Next Step after Mastering Lumbar and Cervical Endoscopic Spine Surgery?. <i>BioMed Research International</i> , 2022, 2022, 1-9.	1.9	6
51	Endoscopic Surgical Technique for Treating Sacral Radiculopathy Secondary to S1 Nerve Compression After Minimally Invasive Sacroiliac Joint Fusion: Technical Note. <i>World Neurosurgery</i> , 2018, 119, 349-352.	1.3	5
52	Posterior Nerve “Sparing” Multilevel Cervical Corpectomy and Reconstruction for Metastatic Cervical Spine Tumors: Case Report and Literature Review. <i>World Neurosurgery</i> , 2019, 122, 298-302.	1.3	5
53	Minimally Invasive, Far Lateral Lumbar Microdiscectomy with Intraoperative Computed Tomography Navigational Assistance and Electrophysiological Monitoring. <i>World Neurosurgery</i> , 2019, 122, e1228-e1239.	1.3	5
54	Pedicle Screw Placement Using Intraoperative Computed Tomography and Computer-Aided Spinal Navigation Improves Screw Accuracy and Avoids Postoperative Revisions: Single-Center Analysis of 1400 Pedicle Screws. <i>World Neurosurgery</i> , 2022, 160, e169-e179.	1.3	5

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55	Outpatient, awake, ultra-minimally invasive endoscopic treatment of lumbar disc herniations. Rhode Island Medical Journal (2013), 2014, 97, 47-9.	0.2	5
56	Socioeconomic and Psychosocial Predictors of Magnetic Resonance Imaging After Cervical and Thoracic Spine Trauma in the United States. World Neurosurgery, 2022, 161, e757-e766.	1.3	5
57	Introduction: Endoscopic spine surgery. Neurosurgical Focus, 2016, 40, E1.	2.3	4
58	Transforaminal Endoscopic Solutions for Anterior Lumbar Interbody Fusion Complications. World Neurosurgery, 2020, 143, e122-e126.	1.3	3
59	Traumatic unilateral jumped facet joint in the upper thoracic spine: Case presentation and literature review. , 2020, 11, 77.		3
60	Toward more accurate documentation in neurosurgical care. Neurosurgical Focus, 2021, 51, E11.	2.3	3
61	A Novel Endoscopic Technique for Biopsy and Tissue Diagnosis for a Paraspinal Thoracic Tumor in a Pediatric Patient: A Case Report. International Journal of Spine Surgery, 2021, 14, S66-S70.	1.5	3
62	Patient selection criteria for percutaneous anterior cervical laser versus endoscopic discectomy. Lasers in Surgery and Medicine, 2022, 54, 530-539.	2.1	3
63	Endoscopic Spine Surgery of the Cervicothoracic Spine: A Review of Current Applications. International Journal of Spine Surgery, 2021, 15, S93-S103.	1.5	3
64	Intraoperative Computed Tomography Navigation-Assisted Resection of Symptomatic Intramedullary Spinal Cord Cavernoma: A Technical Note and Case Report. World Neurosurgery, 2019, 129, 311-317.	1.3	2
65	Interspinous endoscopic lumbar decompression: technical note. AME Case Reports, 2019, 3, 40-40.	0.6	2
66	Transforaminal Endoscopic Surgical Treatment for Postlaminectomy Lumbar Radiculopathy: Case Series. World Neurosurgery, 2021, 150, e577-e584.	1.3	2
67	Transforaminal 360° lumbar endoscopic foraminotomy in postfusion patients: technical note and case series. Journal of Neurosurgery: Spine, 2022, 36, 16-22.	1.7	2
68	Influence of psychosocial and sociodemographic factors in the surgical management of traumatic cervicothoracic spinal cord injury at level I and II trauma centers in the United States. Journal of Spine Surgery, 2021, 7, 277-288.	1.2	2
69	Spinal dural resection for oncological purposes: a systematic analysis of risks and outcomes in patients with malignant spinal tumors. Journal of Neurosurgery: Spine, 2020, 32, 69-78.	1.7	2
70	Prognosis for Recovery of Foot Drop after Transforaminal Endoscopic Decompression of Far Lateral Lumbar 5-Sacral 1 Herniated Disc: Case Series. Pain Physician, 2019, 22, E97-E103.	0.4	2
71	Radiographic analysis of neuroforaminal and central canal decompression following lateral lumbar interbody fusion. North American Spine Society Journal (NASSJ), 2022, 10, 100110.	0.5	2
72	The Role of the Endoscope in Spinal Oncology: A Systematic Review of Applications and Systematic Analysis of Patient Outcomes. World Neurosurgery, 2022, , .	1.3	2

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73	T-Connector Modification for Reducing Recurrent Distal Shunt Failure: Report of 2 Cases. Operative Neurosurgery, 2017, 13, E33-E36.	0.8	1
74	Objective Indirect Assessment of Transverse Ligament Competence Using Quantitative Analysis of 3-Dimensional Segmented Flexion-Extension Computed Tomography Scan. World Neurosurgery, 2020, 136, e223-e233.	1.3	1
75	Rhode Island Hospital's Contribution to the Field of Endoscopic Spine Surgery. Rhode Island Medical Journal (2013), 2017, 100, 34-38.	0.2	1
76	Endoscopic Radiofrequency Treatment of the Sacroiliac Joint Complex for Low Back Pain: A Prospective Study with a 2-Year Follow-Up. Pain Physician, 2019, 22, E111-E118.	0.4	1
77	Fully Endoscopic 360° Decompression Surgery for Thoracic Spinal Stenosis: Technical Note and Report of 8 Cases. Pain Physician, 2020, 23, E659-E663.	0.4	1
78	Four Complications Associated with Lateral and Oblique Fusion Treatable with Endoscopic Spine Surgery: Technical Note and Case Series. Pain Physician, 2020, 23, E665-E671.	0.4	1
79	Influence of Time of Discharge and Length of Stay on 30-Day Outcomes After Elective Anterior Cervical Spine Surgery. Neurosurgery, 2022, Publish Ahead of Print, .	1.1	1
80	An endoscopic surgical technique for treating radiculopathy secondary to S1 nerve compression from a pedicle screw: technical note. Journal of Spine Surgery, 2018, 4, 787-791.	1.2	0
81	A Transforaminal Endoscopic Surgical Technique for Treating Lumbar Disc Herniation in the Setting of Spina Bifida. Case Reports in Neurological Medicine, 2020, 2020, 1-6.	0.4	0
82	Transforaminal Endoscopic Surgery for the Treatment of Pain in the Rehabilitation Patient. , 2017, , 791-801.		0
83	Image-guided resection of lumbar monostotic fibrous dysplasia: A case report and technical note. , 2020, 11, 346.		0
84	Endoscopic Surgical Resection of the Retropulsed S1 Vertebral Endplate in L5-S1 Spondylolisthesis: Case Series. Pain Physician, 2020, 23, E629-E636.	0.4	0
85	Evolution of surgical treatment of metastatic spine tumors. Journal of Neuro-Oncology, 2022, 157, 277-283.	2.9	0
86	Magnetic Resonance Imaging Documentation of Approach Trauma With Lumbar Endoscopic Interlaminar, Translaminar, Compared to Open Microsurgical Discectomy. International Journal of Spine Surgery, 2022, 16, 343-352.	1.5	0
87	Awake, Transforaminal Endoscopic Lumbar Spine Surgery in Octogenarians: Case Series.. Pain Physician, 2022, 25, E255-E262.	0.4	0
88	Shape Memory Nitinol Based Minimally Invasive Spinal Cord Stimulation Device Concept for Improved Pain Management.. Pain Physician, 2022, 25, E375-E383.	0.4	0