

Allan D Levi

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,462
citations

218677

26
h-index

206112

48
g-index

91
all docs

91
docs citations

91
times ranked

2728
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Outcomes Using Modest Intravascular Hypothermia After Acute Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2010, 66, 670-677.	1.1	211
2	Safety of Autologous Human Schwann Cell Transplantation in Subacute Thoracic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2950-2963.	3.4	197
3	Clinical Application of Modest Hypothermia after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 407-415.	3.4	152
4	A Prospective, Randomized Trial Comparing Expansile Cervical Laminoplasty and Cervical Laminectomy and Fusion for Multilevel Cervical Myelopathy. <i>Neurosurgery</i> , 2012, 70, 264-277.	1.1	139
5	Clinical Outcomes from a Multi-Center Study of Human Neural Stem Cell Transplantation in Chronic Cervical Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 891-902.	3.4	109
6	Incidental durotomy after spinal surgery: a prospective study in an academic institution. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 30-36.	1.7	108
7	Emerging Safety of Intramedullary Transplantation of Human Neural Stem Cells in Chronic Cervical and Thoracic Spinal Cord Injury. <i>Neurosurgery</i> , 2018, 82, 562-575.	1.1	108
8	The Surgical Management of Symptomatic Peripheral Nerve Sheath Tumors. <i>Neurosurgery</i> , 2010, 66, 833-840.	1.1	96
9	Ten-year Outcomes of Cervical Disc Replacement With the BRYAN Cervical Disc. <i>Spine</i> , 2019, 44, 601-608.	2.0	95
10	Neurologic Deterioration Secondary to Unrecognized Spinal Instability Following Trauma—A Multicenter Study. <i>Spine</i> , 2006, 31, 451-458.	2.0	94
11	Letter: Academic Neurosurgery Department Response to COVID-19 Pandemic: The University of Miami/Jackson Memorial Hospital Model. <i>Neurosurgery</i> , 2020, 87, E63-E65.	1.1	68
12	The safety profile of lumbar spinal surgery in elderly patients 85 years and older. <i>Neurosurgical Focus</i> , 2015, 39, E3.	2.3	59
13	A comprehensive assessment of the risk of bone morphogenetic protein use in spinal fusion surgery and postoperative cancer diagnosis. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 86-93.	1.7	57
14	Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 88, E1-E12.	1.1	57
15	The Use of Autologous Schwann Cells to Supplement Sciatic Nerve Repair with a Large Gap: First in Human Experience. <i>Cell Transplantation</i> , 2016, 25, 1395-1403.	2.5	55
16	Hypothermia for Acute Spinal Cord Injury—A Review. <i>World Neurosurgery</i> , 2014, 82, 207-214.	1.3	54
17	Human Neural Stem Cell Transplantation in Chronic Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2017, 64, 87-91.	1.1	48
18	Reconstruction of open wounds as a complication of spinal surgery with flaps: a systematic review. <i>Neurosurgical Focus</i> , 2015, 39, E17.	2.3	44

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19	Workflow Caveats in Augmented Realityâ€”Assisted Pedicle Instrumentation: Cadaver Lab. <i>World Neurosurgery</i> , 2019, 126, e1449-e1455.	1.3	44
20	Exploratory meta-analysis on dose-related efficacy and morbidity of bone morphogenetic protein in spinal arthrodesis surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 457-475.	1.7	41
21	Human Schwann cells exhibit long-term cell survival, are not tumorigenic and promote repair when transplanted into the contused spinal cord. <i>Glia</i> , 2017, 65, 1278-1301.	4.9	40
22	Minimally Invasive Versus Open Lumbar Fusion: A Comparison of Blood Loss, Surgical Complications, and Hospital Course. <i>Iowa orthopaedic journal, The</i> , 2015, 35, 130-4.	0.5	35
23	First human experience with autologous Schwann cells to supplement sciatic nerve repair: report of 2 cases with long-term follow-up. <i>Neurosurgical Focus</i> , 2017, 42, E2.	2.3	33
24	Symptomatic Adjacent Level Disease Requiring Surgery: Analysis of 10-Year Results From a Prospective, Randomized, Clinical Trial Comparing Cervical Disc Arthroplasty to Anterior Cervical Fusion. <i>Neurosurgery</i> , 2019, 84, 347-354.	1.1	33
25	The utility of ultrasound in the assessment of traumatic peripheral nerve lesions: report of 4 cases. <i>Neurosurgical Focus</i> , 2015, 39, E3.	2.3	30
26	Anterior Reduction and Fusion of Cervical Facet Dislocations. <i>Neurosurgery</i> , 2019, 84, 388-395.	1.1	27
27	Comparison of adverse events between cervical disc arthroplasty and anterior cervical discectomy and fusion: a 10-year follow-up. <i>Spine Journal</i> , 2021, 21, 253-264.	1.3	25
28	Early Changes to Neurosurgery Resident Training During the COVID-19 Pandemic at a Large U.S. Academic Medical Center. <i>World Neurosurgery</i> , 2020, 144, e926-e933.	1.3	20
29	Acute spinal cord injury. <i>Current Treatment Options in Neurology</i> , 2007, 9, 115-125.	1.8	18
30	The Use of Allograft and Recombinant Human Bone Morphogenetic Protein for Instrumented Atlantoaxial Fusions. <i>World Neurosurgery</i> , 2014, 82, 1369-1373.	1.3	18
31	The Risk of Peripheral Nerve Tumor Biopsy in Suspected Benign Etiologies. <i>Neurosurgery</i> , 2020, 86, E326-E332.	1.1	18
32	Implantable brainâ€”computer interface for neuroprosthetic-enabled volitional hand grasp restoration in spinal cord injury. <i>Brain Communications</i> , 2021, 3, fcab248.	3.3	18
33	Minimally invasive direct pars repair with cannulated screws and recombinant human bone morphogenetic protein: case series and review of the literature. <i>Neurosurgical Focus</i> , 2017, 43, E6.	2.3	17
34	Letter: Implementation of a Neurosurgery Telehealth Program Amid the COVID-19 Crisisâ€”Challenges, Lessons Learned, and a Way Forward. <i>Neurosurgery</i> , 2020, 87, E260-E262.	1.1	16
35	Schwann cell delivery via a novel 3D collagen matrix conduit improves outcomes in critical length nerve gap repairs. <i>Journal of Neurosurgery</i> , 2021, 135, 1241-1251.	1.6	16
36	An Unusual Case of Footdrop. <i>Neurosurgery</i> , 2010, 66, E419-E420.	1.1	15

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37	Surgical Management of a Giant Plexiform Neurofibroma of the Lower Extremity. <i>World Neurosurgery</i> , 2011, 75, 754-757.	1.3	15
38	Restorative Treatments for Spinal Cord Injury. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 63-71.	1.7	15
39	Lateral Lumbar Interbody Fusion Revisited: Complication Avoidance and Outcomes with the Mini-Open Approach. <i>World Neurosurgery</i> , 2019, 121, e647-e653.	1.3	15
40	Anterior Thigh Compartment Syndrome and Local Myonecrosis After Posterior Spine Surgery on a Jackson Table. <i>World Neurosurgery</i> , 2012, 78, 553.e5-553.e8.	1.3	14
41	Transdural approach to resection of retro-odontoid cysts in elderly patients: report of 3 cases. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 236-243.	1.7	13
42	Neurophysiological Changes in the First Year After Cell Transplantation in Sub-acute Complete Paraplegia. <i>Frontiers in Neurology</i> , 2020, 11, 514181.	2.4	13
43	Meralgia paresthetica treated by injection, decompression, and neurectomy: a systematic review and meta-analysis of pain and operative outcomes. <i>Journal of Neurosurgery</i> , 2021, 135, 912-922.	1.6	11
44	Cerebrospinal Fluid Leak and Symptomatic Pseudomeningocele After Intradural Spine Surgery. <i>World Neurosurgery</i> , 2018, 120, e497-e502.	1.3	10
45	The Use of Modest Systemic Hypothermia After Iatrogenic Spinal Cord Injury During Surgery. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 183-192.	0.9	9
46	Spinal stability after resection of nerve sheath tumors. <i>Journal of Neurosurgical Sciences</i> , 2017, 61, 355-364.	0.6	9
47	Combined surgical and endovascular approach for treatment of aggressive vertebral haemangiomas. <i>British Journal of Neurosurgery</i> , 2018, 32, 381-388.	0.8	8
48	Hypothermia for Acute Spinal Cord Injury. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 377-387.	1.7	8
49	Intraoperative Imaging in Traumatic Peripheral Nerve Lesions: Correlating Histologic Cross-Sections with High-Resolution Ultrasound. <i>Operative Neurosurgery</i> , 2017, 13, 196-203.	0.8	7
50	The Focused Neurosurgical Examination During Telehealth Visits: Guidelines During the COVID-19 Pandemic and Beyond. <i>Cureus</i> , 2021, 13, e13503.	0.5	7
51	Differences Between Neurosurgical Subspecialties in Telehealth Adoption. <i>World Neurosurgery</i> , 2021, 146, e323-e327.	1.3	7
52	Synovial Sarcoma of the Nerve—Clinical and Pathological Features: Case Series and Systematic Review. <i>Neurosurgery</i> , 2019, 85, E975-E991.	1.1	6
53	Dose Adjustment Associated Complications of Bone Morphogenetic Protein: A Longitudinal Assessment. <i>World Neurosurgery</i> , 2021, 156, e64-e71.	1.3	6
54	Acute presentation of brachial plexus schwannoma secondary to infarction. <i>Neuroradiology Journal</i> , 2015, 28, 333-336.	1.2	5

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55	Transischioirectal fossa approach for resection of pudendal nerve schwannoma: case report. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 636-639.	1.7	5
56	Surgical Treatment of Vascular Intramedullary Spinal Cord Lesions. <i>Cureus</i> , 2018, 10, e3154.	0.5	5
57	A critical reappraisal of corticospinal tract somatotopy and its role in traumatic cervical spinal cord syndromes. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 653-659.	1.7	5
58	A prospective multi-center study comparing the complication profile of modest systemic hypothermia versus normothermia for acute cervical spinal cord injury. <i>Spinal Cord</i> , 2022, 60, 510-515.	1.9	5
59	Allergy to Prolene Sutures in a Dural Graft for Chiari Decompression. <i>Case Reports in Medicine</i> , 2015, 2015, 1-3.	0.7	4
60	Closure of a giant anterior sacral meningocele with an omental flap in a patient with Marfan syndrome: case report. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 182-186.	1.7	4
61	The extreme lateral approach for treatment of thoracic and lumbar vertebral body metastases. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 473-478.	0.6	4
62	Reverse Bohlman technique for treatment of high-grade spondylolisthesis in an adult population. <i>Journal of Clinical Neuroscience</i> , 2019, 69, 230-236.	1.5	3
63	Employment Status for the First Decade Following Randomization to Cervical Disc Arthroplasty Versus Fusion. <i>Spine</i> , 2020, 45, 1411-1418.	2.0	3
64	Letter to the Editor: Lessons to Learn from the Coronavirus Disease 2019 (COVID-19) Pandemic for International Medical Graduate Applicants and United States Neurosurgery Residency Programs. <i>World Neurosurgery</i> , 2020, 141, 571-572.	1.3	3
65	In Reply: Telemedicine in Neurosurgery: Lessons Learned From a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 89, E193-E193.	1.1	3
66	Repair of isthmic pars interarticularis fractures: a literature review of conventional and minimally invasive techniques. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 318-329.	0.6	3
67	The clinical course and role of surgery in pediatric malignant peripheral nerve sheath tumors: a database study. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 92-99.	1.3	3
68	Posterior Surgical Approach for Ventral Cervical Spinal Cord Herniation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E215-E216.	0.8	3
69	Lumbar perforator flap for closure of sacral tissue defect after lipomyelomeningocele. <i>European Journal of Plastic Surgery</i> , 2014, 37, 173-176.	0.6	2
70	Neurosurgery at the University of Miami. <i>Journal of Neurosurgery</i> , 2017, 126, 1285-1295.	1.6	2
71	Fracture of fusion mass following anterior cervical plate removal: Case report. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 128-131.	1.5	2
72	A single institution experience with proximal junctional kyphosis in the context of existing classification schemes â€“ Systematic review. <i>Journal of Clinical Neuroscience</i> , 2021, 88, 150-156.	1.5	2

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73	Supraclavicular Resection of a Cervical Rib Causing Thoracic Outlet Syndrome: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E520-E520.	0.8	2
74	Use of Cervical Disk Arthroplasty to Treat Noncontiguous Cervical Disk Herniations. <i>World Neurosurgery</i> , 2020, 133, 163-166.	1.3	1
75	Proximal Adjacent Segment Disease Manifesting as Retroodontoid Pseudotumor After Fusion to C2. <i>World Neurosurgery</i> , 2020, 133, 90-96.	1.3	1
76	Ultrasound-Guided Needle Localization Wires in Peripheral Nerve Injuries With Long Segmental Defects: Technical Case Report. <i>Operative Neurosurgery</i> , 2021, 20, E60-E65.	0.8	1
77	Temperature Management in Neurological and Neurosurgical Intensive Care Unit. <i>Therapeutic Hypothermia and Temperature Management</i> , 2020, 10, 86-90.	0.9	1
78	The Interdisciplinary Stem Cell Institute's Use of Food and Drug Administration-Expanded Access Guidelines to Provide Experimental Cell Therapy to Patients With Rare Serious Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675738.	3.7	1
79	Challenges in Diagnosis and Management of Previously Embolized Spinal Dural Arteriovenous Fistulae. <i>World Neurosurgery</i> , 2021, 154, e710-e717.	1.3	1
80	Multiple recurrent postoperative spinal infections due to an unrecognized presacral abscess following placement of bicortical sacral screws: case report. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 502-505.	1.7	0
81	Commentary: Brachial Plexus Injury and the Road to World War I. <i>Neurosurgery</i> , 2018, 82, E132-E135.	1.1	0
82	Advances in 3D angiography for spinal vascular malformations. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 79-83.	1.5	0
83	Commentary: A Porcine Model of Peripheral Nerve Injury Enabling Ultra-Long Regenerative Distances: Surgical Approach, Recovery Kinetics, and Clinical Relevance. <i>Neurosurgery</i> , 2020, 87, E520-E521.	1.1	0
84	Large prevertebral hematoma and carotid pseudoaneurysm following percutaneous anterior cervical discectomy: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 1, .	0.3	0
85	Introduction. <i>Biologics in spine surgery</i> . <i>Neurosurgical Focus</i> , 2021, 50, E1.	2.3	0
86	Preface. <i>Neurosurgery Clinics of North America</i> , 2021, 32, ix-x.	1.7	0
87	The Utility of Magnetic Resonance Imaging-compatible Pacemakers in Neurosurgical Patients. <i>Cureus</i> , 2018, 10, e3374.	0.5	0
88	Commentary: Genetic Events and Signaling Mechanisms Underlying Schwann Cell Fate in Development and Cancer. <i>Neurosurgery</i> , 2021, 88, E128-E129.	1.1	0
89	Efficacy of Reverse and Modified Bohlman Technique for Lumbar Spondylolisthesis: A Systematic Review of the Literature. <i>World Neurosurgery</i> , 2022, 162, 36-41.	1.3	0
90	Neurosurgical Mimics. <i>Neurologic Clinics</i> , 2022, 40, 455-469.	1.8	0