

Andrew K Chan

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,122
citations

471509

17
h-index

454955

30
g-index

62
all docs

62
docs citations

62
times ranked

1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the minimum clinically important difference for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2018, 44, E2.	2.3	93
2	Minimally invasive versus open fusion for Grade I degenerative lumbar spondylolisthesis: analysis of the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2017, 43, E11.	2.3	73
3	Update on critical care for acute spinal cord injury in the setting of polytrauma. <i>Neurosurgical Focus</i> , 2017, 43, E19.	2.3	72
4	Risk factors for deep surgical site infection following thoracolumbar spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 292-301.	1.7	61
5	A decade of emerging indications: deep brain stimulation in the United States. <i>Journal of Neurosurgery</i> , 2016, 125, 461-471.	1.6	58
6	Pediatric sports-related traumatic brain injury in United States trauma centers. <i>Neurosurgical Focus</i> , 2016, 40, E3.	2.3	51
7	Laminectomy alone versus fusion for grade 1 lumbar spondylolisthesis in 426 patients from the prospective Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 234-241.	1.7	49
8	Adult sports-related traumatic brain injury in United States trauma centers. <i>Neurosurgical Focus</i> , 2016, 40, E4.	2.3	46
9	Summary of Guidelines for the Treatment of Lumbar Spondylolisthesis. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 353-364.	1.7	40
10	Obese Patients Benefit, but do not Fare as Well as Nonobese Patients, Following Lumbar Spondylolisthesis Surgery: An Analysis of the Quality Outcomes Database. <i>Neurosurgery</i> , 2020, 86, 80-87.	1.1	36
11	Predictive model for long-term patient satisfaction after surgery for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2019, 46, E12.	2.3	36
12	A comparison of minimally invasive transforaminal lumbar interbody fusion and decompression alone for degenerative lumbar spondylolisthesis. <i>Neurosurgical Focus</i> , 2019, 46, E13.	2.3	33
13	Women fare best following surgery for degenerative lumbar spondylolisthesis: a comparison of the most and least satisfied patients utilizing data from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2018, 44, E3.	2.3	30
14	Vasopressor support in managing acute spinal cord injury: current knowledge. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 308-317.	0.6	27
15	Anterior cervical discectomy and fusion performed using structural allograft or polyetheretherketone: pseudarthrosis and revision surgery rates with minimum 2-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 562-569.	1.7	21
16	Surgical management of camptocormia in Parkinson's disease: systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2019, 131, 368-375.	1.6	20
17	A Comparison of Minimally Invasive and Open Transforaminal Lumbar Interbody Fusion for Grade 1 Degenerative Lumbar Spondylolisthesis: An Analysis of the Prospective Quality Outcomes Database. <i>Neurosurgery</i> , 2020, 87, 555-562.	1.1	20
18	Rate of perioperative neurological complications after surgery for cervical spinal cord stimulation. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 31-38.	1.7	19

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19	Predicting Cognitive Improvement in Normal Pressure Hydrocephalus Patients Using Preoperative Neuropsychological Testing and Cerebrospinal Fluid Biomarkers. <i>Neurosurgery</i> , 2019, 85, E662-E669.	1.1	19
20	Effectiveness of Repair Techniques for Spinal Dural Tears: A Systematic Review. <i>World Neurosurgery</i> , 2021, 149, 140-147.	1.3	18
21	Pulsed electromagnetic fields reduce acute inflammation in the injured rat tail intervertebral disc. <i>JOR Spine</i> , 2019, 2, e1069.	3.2	18
22	Asymmetric Pedicle Subtraction Osteotomy for Adult Spinal Deformity with Coronal Imbalance: Complications, Radiographic and Surgical Outcomes. <i>Operative Neurosurgery</i> , 2020, 18, 209-216.	0.8	17
23	Applicability of cervical sagittal vertical axis, cervical lordosis, and T1 slope on pain and disability outcomes after anterior cervical discectomy and fusion in patients without deformity. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 23-30.	1.7	15
24	Approach Selection. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 341-354.	1.7	13
25	Crossing the Cervicothoracic Junction During Posterior Cervical Fusion for Myelopathy Is Associated With Superior Radiographic Parameters But Similar Clinical Outcomes. <i>Neurosurgery</i> , 2020, 87, 1016-1024.	1.1	13
26	Outcomes and Complications With Age in Spondylolisthesis. <i>Spine</i> , 2020, 45, 1000-1008.	2.0	12
27	Predictors of nonroutine discharge among patients undergoing surgery for grade I spondylolisthesis: insights from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 523-532.	1.7	12
28	Patient-reported outcome improvements at 24-month follow-up after fusion added to decompression for grade I degenerative lumbar spondylolisthesis: a multicenter study using the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 42-51.	1.7	11
29	Open versus minimally invasive decompression for low-grade spondylolisthesis: analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 349-359.	1.7	11
30	Back pain outcomes after minimally invasive anterior lumbar interbody fusion: a systematic review. <i>Neurosurgical Focus</i> , 2020, 49, E3.	2.3	11
31	Smoking Is an Independent Risk Factor for 90-Day Readmission and Reoperation Following Posterior Cervical Decompression and Fusion. <i>Neurosurgery</i> , 2021, 88, 1088-1094.	1.1	10
32	Two- and three-year outcomes of minimally invasive and hybrid correction of adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 595-608.	1.7	10
33	Patients with a depressive and/or anxiety disorder can achieve optimum Long term outcomes after surgery for grade I spondylolisthesis: Analysis from the quality outcomes database (QOD). <i>Clinical Neurology and Neurosurgery</i> , 2020, 197, 106098.	1.4	9
34	Telemedicine in Neurosurgery: Standardizing the Spinal Physical Examination Using A Modified Delphi Method. <i>Neurospine</i> , 2021, 18, 292-302.	2.9	9
35	Assessing the differences in characteristics of patients lost to follow-up at 2 years: results from the Quality Outcomes Database study on outcomes of surgery for grade I spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 643-651.	1.7	9
36	Risk factors for deep surgical site infection following thoracolumbar spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 32, 292-301.	1.7	9

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37	Minimally invasive versus open lumbar spinal fusion: a matched study investigating patient-reported and surgical outcomes. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 753-766.	1.7	9
38	Sexual Dysfunction: Prevalence and Prognosis in Patients Operated for Degenerative Lumbar Spondylolisthesis. <i>Neurosurgery</i> , 2020, 87, 200-210.	1.1	8
39	Correlation of return to work with patient satisfaction after surgery for lumbar spondylolisthesis: an analysis of the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2020, 48, E5.	2.3	8
40	Social risk factors predicting outcomes of cervical myelopathy surgery. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 41-48.	1.7	8
41	Large Cervical Vagus Nerve Tumor in a Patient with Neurofibromatosis Type 1 Treated with Gross Total Resection: Case Report and Review of the Literature. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2016, 11, e48-e54.	1.0	7
42	Navigation-Assisted Minimally Invasive Surgery Deformity Correction. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 439-451.	1.7	6
43	Differences in Patient-Reported Outcomes Between Anterior and Posterior Approaches for Treatment of Cervical Spondylotic Myelopathy: A Quality Outcomes Database Analysis. <i>World Neurosurgery</i> , 2022, 160, e436-e441.	1.3	6
44	Comparison of Minimally Invasive Total versus Subtotal Resection of Spinal Tumors: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, 151, e343-e354.	1.3	5
45	Does reduction of the Meyerding grade correlate with outcomes in patients undergoing decompression and fusion for grade I degenerative lumbar spondylolisthesis?. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	1.7	5
46	Does state malpractice environment affect outcomes following spinal fusions? A robust statistical and machine learning analysis of 549,775 discharges following spinal fusion surgery in the United States. <i>Neurosurgical Focus</i> , 2020, 49, E18.	2.3	5
47	Predictors of 30-Day Outcomes in Octogenarians with Traumatic C2 Fractures Undergoing Surgery. <i>World Neurosurgery</i> , 2018, 116, e1214-e1222.	1.3	4
48	Identifying patients at risk for nonroutine discharge after surgery for cervical myelopathy: an analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 25-33.	1.7	4
49	OUP accepted manuscript. <i>Neurosurgery</i> , 2021, 89, 1033-1041.	1.1	4
50	Is the Centers for Medicare and Medicaid Services Hierarchical Condition Category Risk Adjustment Model Satisfactory for Quantifying Risk After Spine Surgery?. <i>Neurosurgery</i> , 2022, 91, 123-131.	1.1	4
51	Inferior Clinical Outcomes for Patients with Medicaid Insurance After Surgery for Degenerative Lumbar Spondylolisthesis: A Prospective Registry Analysis of 608 Patients. <i>World Neurosurgery</i> , 2022, 164, e1024-e1033.	1.3	4
52	Predictors of the Best Outcomes Following Minimally Invasive Surgery for Grade 1 Degenerative Lumbar Spondylolisthesis. <i>Neurosurgery</i> , 2020, 87, 1130-1138.	1.1	3
53	Bilateral External Ventricular Drain Placement and Intraventricular Irrigation Combined with Concomitant Serial Prone Patient Positioning: A Novel Treatment for Gravity-Dependent Layering in Bacterial Ventriculitis. <i>Cureus</i> , 2017, 9, e1175.	0.5	3
54	Stability of Programmable Shunt Valve Settings with Simultaneous Use of the Optune Transducer Array: A Case Report. <i>Cureus</i> , 2016, 8, e675.	0.5	3

#	ARTICLE	IF	CITATIONS
55	â€œJuly Effectâ€•Revisited. Spine, 2020, Publish Ahead of Print, 836-843.	2.0	3
56	Pulsed Electromagnetic Fields Accelerate Sensorimotor Recovery Following Experimental Disc Herniation. Spine, 2021, 46, E222-E233.	2.0	2
57	High-impact chronic pain transition in surgical recipients with cervical spondylotic myelopathy. Journal of Neurosurgery: Spine, 2022, , 1-10.	1.7	2
58	Do social determinants of health impact access to neurosurgical care in the United States? A workforce perspective. Journal of Neurosurgery, 2022, 137, 867-876.	1.6	2
59	Outpatient versus inpatient lumbar decompression surgery: a matched noninferiority study investigating clinical and patient-reported outcomes. Journal of Neurosurgery: Spine, 2022, 37, 485-497.	1.7	2
60	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. Journal of Neurosurgery: Spine, 2022, , 1-9.	1.7	2
61	Single versus dual operative spine fractures in ankylosing spondylitis. Neurosurgical Focus, 2021, 51, E6.	2.3	1
62	Management of Thoracic Disc Pathology via the Lateral Approach: Advances Using the Minimally Invasive Approach and Navigation. International Journal of Spine Surgery, 2022, 16, S44-S52.	1.5	1