

Ivan Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,255
citations

236925

25
h-index

223800

46
g-index

78
all docs

78
docs citations

78
times ranked

2434
citing authors

#	ARTICLE	IF	CITATIONS
1	Are first-time episodes of serious LBP associated with new MRI findings?. Spine Journal, 2006, 6, 624-635.	1.3	148
2	An evaluation of the learning curve for a complex surgical technique: the full endoscopic interlaminar approach for lumbar disc herniations. Spine Journal, 2011, 11, 122-130.	1.3	140
3	Treatment of Neck Pain. Spine, 2008, 33, S153-S169.	2.0	137
4	Apical Sublaminar Wires Versus Pedicle Screws—Which Provides Better Results for Surgical Correction of Adolescent Idiopathic Scoliosis?. Spine, 2005, 30, 2104-2112.	2.0	126
5	Minimum acceptable outcomes after lumbar spinal fusion. Spine Journal, 2010, 10, 313-320.	1.3	112
6	Surgical treatment for unstable low-grade isthmic spondylolisthesis in adults: a prospective controlled study of posterior instrumented fusion compared with combined anterior-posterior fusion. Spine Journal, 2006, 6, 606-614.	1.3	102
7	Predictors of Survival After Surgical Treatment of Spinal Metastasis. Neurosurgery, 2011, 68, 674-681.	1.1	96
8	ISSLS PRIZE IN BASIC SCIENCE 2017: Intervertebral disc/bone marrow cross-talk with Modic changes. European Spine Journal, 2017, 26, 1362-1373.	2.2	96
9	Predicting complication risk in spine surgery: a prospective analysis of a novel risk assessment tool. Journal of Neurosurgery: Spine, 2017, 27, 81-91.	1.7	81
10	Use of Bone Morphogenetic Protein-2 for Adult Spinal Deformity. Spine, 2005, 30, S110-S117.	2.0	73
11	Charlson Score is a Robust Predictor of 30-Day Complications Following Spinal Metastasis Surgery. Spine, 2011, 36, E1274-E1280.	2.0	64
12	Predicting Occurrence of Spine Surgery Complications Using "Big Data" Modeling of an Administrative Claims Database. Journal of Bone and Joint Surgery - Series A, 2016, 98, 824-834.	3.0	64
13	Single position versus lateral-then-prone positioning for lateral interbody fusion and pedicle screw fixation. Journal of Spine Surgery, 2018, 4, 717-724.	1.2	62
14	Does Minor Trauma Cause Serious Low Back Illness?. Spine, 2006, 31, 2942-2949.	2.0	55
15	Anterior debridement and reconstruction via thoracoscopy-assisted mini-open approach for the treatment of thoracic spinal tuberculosis: minimum 5-year follow-up. European Spine Journal, 2012, 21, 463-469.	2.2	48
16	Pregabalin as a Neuroprotector after Spinal Cord Injury in Rats: Biochemical Analysis and Effect on Glial Cells. Journal of Korean Medical Science, 2011, 26, 404.	2.5	44
17	Prospective Radiographic and Clinical Outcomes of Dual-Rod Instrumented Anterior Spinal Fusion in Adolescent Idiopathic Scoliosis: Comparison With Single-Rod Constructs. Spine, 2006, 31, 2322-2328.	2.0	42
18	A biologic without guidelines: the YODA project and the future of bone morphogenetic protein-2 research. Spine Journal, 2012, 12, 877-880.	1.3	40

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19	POSTERIOR CERVICAL SPINE SURGERY FOR RADICULOPATHY. <i>Neurosurgery</i> , 2007, 60, S1-57-S1-63.	1.1	39
20	Retroperitoneal Lymphocele After Anterior Spinal Surgery. <i>Spine</i> , 2008, 33, E648-E652.	2.0	36
21	Remote Virtual Spinal Evaluation in the Era of COVID-19. <i>International Journal of Spine Surgery</i> , 2020, 14, 433-440.	1.5	35
22	Comparison of perioperative parameters and complications observed in the anterior exposure of the lumbar spine by a spine surgeon with and without the assistance of an access surgeon. <i>Spine Journal</i> , 2011, 11, 389-394.	1.3	33
23	Biomechanical Analysis of Derotation of the Thoracic Spine Using Pedicle Screws. <i>Spine</i> , 2010, 35, 1039-1043.	2.0	29
24	Full-endoscopic interlaminar approach for the surgical treatment of lumbar disc herniation: the causes and prophylaxis of conversion to open. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 1531-1538.	2.4	28
25	Outcomes of Two Different Techniques Using the Lateral Approach for Lumbar Interbody Arthrodesis. <i>Global Spine Journal</i> , 2015, 5, 308-314.	2.3	28
26	Biomechanical Determination of Distal Level for Fusions across the Cervicothoracic Junction. <i>Global Spine Journal</i> , 2015, 5, 282-286.	2.3	27
27	Facet Pain in Thoracic Compression Fractures. <i>Pain Medicine</i> , 2010, 11, 1674-1677.	1.9	26
28	Functional assessment of the acute local and distal transplantation of human neural stem cells after spinal cord injury. <i>Spine Journal</i> , 2012, 12, 1040-1044.	1.3	25
29	Postoperative spinal deformity after treatment of intracanal spine lesions. <i>Spine Journal</i> , 2012, 12, 1067-1074.	1.3	24
30	Interspinous Ligament Steroid Injections for the Management of Bastrup's Disease: A Case Report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 1353-1356.	0.9	23
31	Treatment of Neck Pain. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2009, 32, S176-S193.	0.9	23
32	Does timing of transplantation of neural stem cells following spinal cord injury affect outcomes in an animal model?. <i>Journal of Spine Surgery</i> , 2017, 3, 567-571.	1.2	22
33	Kyphectomy in the treatment of patients with myelomeningocele. <i>Spine Journal</i> , 2011, 11, e5-e11.	1.3	20
34	¹⁸ F-FDG PET/MRI in Chronic Sciatica: Early Results Revealing Spinal and Nonspinal Abnormalities. <i>Journal of Nuclear Medicine</i> , 2018, 59, 967-972.	5.0	20
35	Morbidity and Mortality of C2 Fractures in the Elderly. <i>Neurosurgery</i> , 2012, 70, 1055-1059.	1.1	19
36	Local versus distal transplantation of human neural stem cells following chronic spinal cord injury. <i>Spine Journal</i> , 2016, 16, 764-769.	1.3	19

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37	Anterior endoscopically assisted transcervical reconstruction of the upper cervical spine. <i>European Spine Journal</i> , 2011, 20, 1526-1532.	2.2	15
38	Analysis of single-position for revision surgery using lateral interbody fusion and pedicle screw fixation: feasibility and perioperative results. <i>Journal of Spine Surgery</i> , 2019, 5, 201-206.	1.2	15
39	Timing of Lumbar Spinal Fusion Affects Total Hip Arthroplasty Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019, 3, e00133.	0.7	15
40	Selective Anterior Lumbar Interbody Fusion for Low Back Pain Associated With Degenerative Disc Disease Versus Nonsurgical Management. <i>Spine</i> , 2018, 43, 1372-1380.	2.0	14
41	Decreased estimated blood loss in lateral trans-psoas versus anterior approach to lumbar interbody fusion for degenerative spondylolisthesis. <i>Journal of Spine Surgery</i> , 2019, 5, 185-193.	1.2	14
42	Foot and Ankle Questions on the Orthopaedic In-Training Examination: Analysis of Content, Reference, and Performance. <i>Orthopedics</i> , 2012, 35, e880-8.	1.1	14
43	A Biomechanical Comparison of Shape Design and Positioning of Transforaminal Lumbar Interbody Fusion Cages. <i>Global Spine Journal</i> , 2016, 6, 432-438.	2.3	11
44	Short-Term Outcomes of Staged Versus Same-Day Surgery for Adult Spinal Deformity Correction. <i>Spine Deformity</i> , 2019, 7, 796-803.e1.	1.5	10
45	Treatment of Neck Pain. <i>European Spine Journal</i> , 2008, 17, 153-169.	2.2	9
46	Ribosomal PCR assay of excised intervertebral discs from patients undergoing single-level primary lumbar microdiscectomy. <i>European Spine Journal</i> , 2017, 26, 2038-2044.	2.2	9
47	Lumbar epidural steroid injections for herniation and stenosis: incidence and risk factors of subsequent surgery. <i>Spine Journal</i> , 2019, 19, 199-205.	1.3	9
48	Preoperative epidural steroid injections are not associated with increased rates of infection and dural tear in lumbar spine surgery. <i>European Spine Journal</i> , 2021, 30, 870-877.	2.2	9
49	Thoracolumbar fracture dislocation sustained during childbirth in a patient with ankylosing spondylitis. <i>Spine Journal</i> , 2012, 12, e5-e8.	1.3	8
50	Arachnoid ossificans containing metaplastic hematopoietic marrow resulting in diffuse thoracic intrathecal cysts and severe myelopathy. <i>European Spine Journal</i> , 2012, 21, 436-440.	2.2	7
51	Grade II Spondylolisthesis: Reverse Bohlman Procedure with Transdiscal S1-L5 and S2 Alar Iliac Screws Placed with Robotic Guidance. <i>World Neurosurgery</i> , 2019, 132, 421-428.e1.	1.3	7
52	The Role of Osteobiologics in Spinal Deformity. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 393-401.	1.7	6
53	Massive Spontaneous Epidural Hematoma in a High-Level Swimmer. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 2843-2846.	3.0	6
54	Computer-assisted surgical navigation is associated with an increased risk of neurological complications: a review of 67,264 posterolateral lumbar fusion cases. <i>Journal of Spine Surgery</i> , 2019, 5, 457-465.	1.2	6

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55	Point Counterpoint. Spine, 2016, 41 Suppl 8, 1.	2.0	6
56	Anterior column reconstruction of the lumbar spine in the lateral decubitus position: anatomical and patient-related considerations for ALIF, anterior-to-psoas, and transpsoas LLIF approaches. European Spine Journal, 2022, 31, 2175-2187.	2.2	6
57	Neurologic adverse event avoidance in lateral lumbar interbody fusion: technical considerations using muscle relaxants. Journal of Spine Surgery, 2018, 4, 247-253.	1.2	5
58	Adult Spinal Deformity Surgery in Patients With Movement Disorders. Spine, 2020, 45, E288-E295.	2.0	5
59	Commentary: Spinopelvic parameters—how far have we come?. Spine Journal, 2012, 12, 447-448.	1.3	4
60	The Relationship Between Lumbar Lateral Listhesis and Radiculopathy in Adult Scoliosis. Spine, 2019, 44, 1003-1009.	2.0	4
61	The effects of varenicline on lumbar spinal fusion in a rat model. Spine Journal, 2020, 20, 300-306.	1.3	4
62	One surgeon's learning curve with single position lateral lumbar interbody fusion: perioperative outcomes and complications. Journal of Spine Surgery, 2021, 7, 162-169.	1.2	4
63	Healthcare resource utilization and costs 2 years pre- and post-lumbar spine surgery for stenosis: a national claims cohort study of 22,182 cases. Spine Journal, 2022, 22, 965-974.	1.3	4
64	Point of view: spinopelvic parameters in postfusion flatback deformity patients. Spine Journal, 2009, 9, 672-673.	1.3	3
65	Frequency and Acceptability of Adverse Events After Anterior Cervical Discectomy and Fusion. Clinical Spine Surgery, 2018, 31, E270-E277.	1.3	3
66	Reliability of radiological measurements of type 2 odontoid fracture. Spine Journal, 2019, 19, 1324-1330.	1.3	3
67	Does the presence of the fibronectin-aggrecan complex predict outcomes from lumbar discectomy for disc herniation?. Spine Journal, 2019, 19, e28-e33.	1.3	3
68	Rod-Screw Constructs Composed of Dissimilar Metals Do Not Affect Complication Rates in Posterior Fusion Surgery Performed for Adult Spinal Deformity. Clinical Spine Surgery, 2021, 34, E121-E125.	1.3	3
69	CHYMOPAPAIN: A SHOT FROM THE PAST. Pain Practice, 2008, 8, 331-332.	1.9	2
70	Cervical epidural steroid injections: incidence and determinants of subsequent surgery. Spine Journal, 2020, 20, 1729-1736.	1.3	2
71	Utilization and Reimbursement Trends Based on Certificate of Need in Single-level Cervical Discectomy. Journal of the American Academy of Orthopaedic Surgeons, The, 2021, 29, e518-e522.	2.5	2
72	Complications: a critical component of patient outcome. Spine Journal, 2013, 13, 625-627.	1.3	1

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73	Single-Level In Vitro Kinematic Comparison of Novel Inline Cervical Interbody Devices With Intervertebral Screw, Anchor, or Blade. <i>Global Spine Journal</i> , 2019, 9, 697-707.	2.3	1
74	The authorsâ€™™ reply to the letter to the editor by Paul Dreyfuss et al.. <i>European Spine Journal</i> , 2008, 17, 1273-1275.	2.2	0
75	Response to letter to the editor regarding: â€œLocal versus distal transplantation of human neural stem cells following chronic spinal cord injuryâ€•by Cheng et al. <i>Spine Journal</i> , 2016, 16, 793-794.	1.3	0
76	The American Orthopaedic Association-Japanese Orthopaedic Association 2010 Traveling Fellowship. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e150(1)-e150(5).	3.0	0
77	Impact of Certificate of Need on Lumbar Discectomy Reimbursement and Utilization.. <i>Journal of Surgical Orthopaedic Advances</i> , 2022, 31, 26-29.	0.1	0
78	Utilization of lateral anterior lumbar interbody fusion for revision of failed prior TLIF: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.3	0