

# 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	Healthcare resource utilization and costs 2 years pre- and post-lumbar spine surgery for stenosis: a national claims cohort study of 22,182 cases. <i>Spine Journal</i> , 2022, 22, 965-974.	1.3	4
2	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. <i>European Spine Journal</i> , 2022, 31, 2175-2187.	2.2	6
3	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
4	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
5	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
6	One surgeon's learning curve with single position lateral lumbar interbody fusion: perioperative outcomes and complications. <i>Journal of Spine Surgery</i> , 2021, 7, 162-169.	1.2	4
7	Utilization and Reimbursement Trends Based on Certificate of Need in Single-level Cervical Discectomy. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2021, 29, e518-e522.	2.5	2
8	Rod-Screw Constructs Composed of Dissimilar Metals Do Not Affect Complication Rates in Posterior Fusion Surgery Performed for Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2021, 34, E121-E125.	1.3	3
9	The effects of varenicline on lumbar spinal fusion in a rat model. <i>Spine Journal</i> , 2020, 20, 300-306.	1.3	4
10	Adult Spinal Deformity Surgery in Patients With Movement Disorders. <i>Spine</i> , 2020, 45, E288-E295.	2.0	5
11	Cervical epidural steroid injections: incidence and determinants of subsequent surgery. <i>Spine Journal</i> , 2020, 20, 1729-1736.	1.3	2
12	Remote Virtual Spinal Evaluation in the Era of COVID-19. <i>International Journal of Spine Surgery</i> , 2020, 14, 433-440.	1.5	35
13	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
14	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
15	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
16	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
17	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
18	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

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19	Reliability of radiological measurements of type 2 odontoid fracture. Spine Journal, 2019, 19, 1324-1330.	1.3	3
20	Computer-assisted surgical navigation is associated with an increased risk of neurological complications: a review of 67,264 posterolateral lumbar fusion cases. Journal of Spine Surgery, 2019, 5, 457-465.	1.2	6
21	The Relationship Between Lumbar Lateral Listhesis and Radiculopathy in Adult Scoliosis. Spine, 2019, 44, 1003-1009.	2.0	4
22	Timing of Lumbar Spinal Fusion Affects Total Hip Arthroplasty Outcomes. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2019, 3, e00133.	0.7	15
23	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
24	Frequency and Acceptability of Adverse Events After Anterior Cervical Discectomy and Fusion. Clinical Spine Surgery, 2018, 31, E270-E277.	1.3	3
25	Selective Anterior Lumbar Interbody Fusion for Low Back Pain Associated With Degenerative Disc Disease Versus Nonsurgical Management. Spine, 2018, 43, 1372-1380.	2.0	14
26	<sup>18</sup> F-FDG PET/MRI in Chronic Sciatica: Early Results Revealing Spinal and Nonspinal Abnormalities. Journal of Nuclear Medicine, 2018, 59, 967-972.	5.0	20
27	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
28	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
29	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
30	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
31	Ribosomal PCR assay of excised intervertebral discs from patients undergoing single-level primary lumbar microdiscectomy. European Spine Journal, 2017, 26, 2038-2044.	2.2	9
32	Does timing of transplantation of neural stem cells following spinal cord injury affect outcomes in an animal model?. Journal of Spine Surgery, 2017, 3, 567-571.	1.2	22
33	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
34	A Biomechanical Comparison of Shape Design and Positioning of Transforaminal Lumbar Interbody Fusion Cages. Global Spine Journal, 2016, 6, 432-438.	2.3	11
35	Response to letter to the editor regarding: "Local versus distal transplantation of human neural stem cells following chronic spinal cord injury" by Cheng et al. Spine Journal, 2016, 16, 793-794.	1.3	0
36	Local versus distal transplantation of human neural stem cells following chronic spinal cord injury. Spine Journal, 2016, 16, 764-769.	1.3	19

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37	Point Counterpoint. Spine, 2016, 41 Suppl 8, 1.	2.0	6
38	Outcomes of Two Different Techniques Using the Lateral Approach for Lumbar Interbody Arthrodesis. Global Spine Journal, 2015, 5, 308-314.	2.3	28
39	Biomechanical Determination of Distal Level for Fusions across the Cervicothoracic Junction. Global Spine Journal, 2015, 5, 282-286.	2.3	27
40	Complications: a critical component of patient outcome. Spine Journal, 2013, 13, 625-627.	1.3	1
41	Morbidity and Mortality of C2 Fractures in the Elderly. Neurosurgery, 2012, 70, 1055-1059.	1.1	19
42	Commentary: Spinopelvic parameters—how far have we come?. Spine Journal, 2012, 12, 447-448.	1.3	4
43	Functional assessment of the acute local and distal transplantation of human neural stem cells after spinal cord injury. Spine Journal, 2012, 12, 1040-1044.	1.3	25
44	Postoperative spinal deformity after treatment of intracanal spine lesions. Spine Journal, 2012, 12, 1067-1074.	1.3	24
45	Thoracolumbar fracture dislocation sustained during childbirth in a patient with ankylosing spondylitis. Spine Journal, 2012, 12, e5-e8.	1.3	8
46	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
47	Full-endoscopic interlaminar approach for the surgical treatment of lumbar disc herniation: the causes and prophylaxis of conversion to open. Archives of Orthopaedic and Trauma Surgery, 2012, 132, 1531-1538.	2.4	28
48	Arachnoid ossificans containing metaplastic hematopoietic marrow resulting in diffuse thoracic intrathecal cysts and severe myelopathy. European Spine Journal, 2012, 21, 436-440.	2.2	7
49	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
50	Foot and Ankle Questions on the Orthopaedic In-Training Examination: Analysis of Content, Reference, and Performance. Orthopedics, 2012, 35, e880-8.	1.1	14
51	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
52	Kyphectomy in the treatment of patients with myelomeningocele. Spine Journal, 2011, 11, e5-e11.	1.3	20
53	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. Spine Journal, 2011, 11, 389-394.	1.3	33
54	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

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55	Predictors of Survival After Surgical Treatment of Spinal Metastasis. <i>Neurosurgery</i> , 2011, 68, 674-681.	1.1	96
56	Charlson Score is a Robust Predictor of 30-Day Complications Following Spinal Metastasis Surgery. <i>Spine</i> , 2011, 36, E1274-E1280.	2.0	64
57	Anterior endoscopically assisted transcervical reconstruction of the upper cervical spine. <i>European Spine Journal</i> , 2011, 20, 1526-1532.	2.2	15
58	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
59	Biomechanical Analysis of Derotation of the Thoracic Spine Using Pedicle Screws. <i>Spine</i> , 2010, 35, 1039-1043.	2.0	29
60	Facet Pain in Thoracic Compression Fractures. <i>Pain Medicine</i> , 2010, 11, 1674-1677.	1.9	26
61	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
62	Minimum acceptable outcomes after lumbar spinal fusion. <i>Spine Journal</i> , 2010, 10, 313-320.	1.3	112
63	Treatment of Neck Pain. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2009, 32, S176-S193.	0.9	23
64	Point of view: spinopelvic parameters in postfusion flatback deformity patients. <i>Spine Journal</i> , 2009, 9, 672-673.	1.3	3
65	Treatment of Neck Pain. <i>European Spine Journal</i> , 2008, 17, 153-169.	2.2	9
66	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
67	CHYMOPAPAIN: A SHOT FROM THE PAST. <i>Pain Practice</i> , 2008, 8, 331-332.	1.9	2
68	Retroperitoneal Lymphocele After Anterior Spinal Surgery. <i>Spine</i> , 2008, 33, E648-E652.	2.0	36
69	Treatment of Neck Pain. <i>Spine</i> , 2008, 33, S153-S169.	2.0	137
70	POSTERIOR CERVICAL SPINE SURGERY FOR RADICULOPATHY. <i>Neurosurgery</i> , 2007, 60, S1-57-S1-63.	1.1	39
71	Interspinous Ligament Steroid Injections for the Management of Baastrupâ€™™s Disease: A Case Report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 1353-1356.	0.9	23
72	The Role of Osteobiologics in Spinal Deformity. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 393-401.	1.7	6

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73	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
74	Are first-time episodes of serious LBP associated with new MRI findings?. Spine Journal, 2006, 6, 624-635.	1.3	148
75	Does Minor Trauma Cause Serious Low Back Illness?. Spine, 2006, 31, 2942-2949.	2.0	55
76	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
77	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
78	Use of Bone Morphogenetic Protein-2 for Adult Spinal Deformity. Spine, 2005, 30, S110-S117.	2.0	73