

# Shibao Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

390  
citations

1040056

9  
h-index

996975

15  
g-index

52  
all docs

52  
docs citations

52  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical outcome of femoral neck system versus cannulated compression screws for fixation of femoral neck fracture in younger patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 370.	2.3	47
2	Biomechanical effects of posterior pedicle fixation techniques on the adjacent segment for the treatment of thoracolumbar burst fractures: a biomechanical analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 1083-1092.	1.6	27
3	Enhanced recovery after surgery (ERAS) program for elderly patients with short-level lumbar fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 299.	2.3	26
4	&lt;p&gt;Frailty and Post-Operative Outcomes in the Older Patients Undergoing Elective Posterior Thoracolumbar Fusion Surgery&lt;/p&gt;. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 1141-1150.	2.9	23
5	Predictors of L4~L5 Degenerative Lumbar Spondylolisthesis: L4 Inclination Angle and Facet Joint Angle. <i>World Neurosurgery</i> , 2019, 130, e680-e686.	1.3	18
6	Long-term clinical results following Charite III lumbar total disc replacement. <i>Spine Journal</i> , 2018, 18, 917-925.	1.3	17
7	Biomechanical effect of interspinous dynamic stabilization adjacent to single-level fusion on range of motion of the transition segment and the adjacent segment. <i>Clinical Biomechanics</i> , 2015, 30, 355-359.	1.2	16
8	Morphologic Characteristics of the Deep Cervical Paraspinal Muscles in Patients with Single-Level Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , 2020, 134, e166-e171.	1.3	15
9	Bioinformatic analysis and experimental identification of blood biomarkers for chronic nonunion. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 208.	2.3	11
10	A new lever reduction technique for the surgical treatment of elderly patients with lumbar degenerative Spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 11.	1.9	10
11	Retrospective Study on Effectiveness of Activ L Total Disc Replacement. <i>Spine</i> , 2015, 40, E411-E417.	2.0	9
12	Administration of CoCl<sub>2</sub> Improves Functional Recovery in a Rat Model of Sciatic Nerve Transection Injury. <i>International Journal of Medical Sciences</i> , 2018, 15, 1423-1432.	2.5	9
13	Effects of remote ischemic post-conditioning on fracture healing in rats. <i>Molecular Medicine Reports</i> , 2017, 15, 3186-3192.	2.4	8
14	Which sagittal evaluation system can effectively predict mechanical complications in the treatment of elderly patients with adult degenerative scoliosis? Roussouly classification or Global Alignment and Proportion (GAP) Score. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 641.	2.3	8
15	Prospective Clinical and Radiographic Results of Activ L Total Disk Replacement at 1- to 3-Year Follow-up. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E544-E550.	1.9	7
16	Evaluation of Hyperbaric Oxygen Treatment in Acute Traumatic Spinal Cord Injury in Rats Using Diffusion Tensor Imaging. , 2018, 9, 391.		7
17	Comparison of the French and CARDS classifications for lumbar degenerative spondylolisthesis: reliability and validity. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 382.	1.9	7
18	Complications in Elderly Patients Undergoing Lumbar Arthrodesis for Spinal Stenosis. <i>World Neurosurgery</i> , 2019, 132, e949-e955.	1.3	7

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19	&lt;p&gt;Lumbar Muscle Fat Content Has More Correlations with Living Quality than Sagittal Vertical Axis in Elderly Patients with Degenerative Lumbar Disorders&lt;/p&gt;. Clinical Interventions in Aging, 2020, Volume 15, 1717-1726.	2.9	7
20	Patient outcomes in Anteromedial osteoarthritis patients over 80&#x2013;years old undergoing Oxford Unicompartmental knee Arthroplasty in China. BMC Musculoskeletal Disorders, 2020, 21, 446.	1.9	7
21	Comparison of remote ischemic preconditioning and intermittent hypoxia training in fracture healing. Molecular Medicine Reports, 2019, 19, 1867-1874.	2.4	7
22	Comparison of Clinical Outcomes and Sagittal Alignment After Different Levels of Anterior Cervical Discectomy and Fusion in Patients With Cervical Spondylotic Myelopathy: From One-level to Three-level. Spine, 2021, 46, E153-E160.	2.0	7
23	Potential role of the IL17RC gene in the thoracic ossification of the posterior longitudinal ligament. International Journal of Molecular Medicine, 2019, 43, 2005-2014.	4.0	6
24	Topping-Off Technology versus Posterior Lumbar Interbody Fusion in the Treatment of Lumbar Disc Herniation: A Meta-Analysis. BioMed Research International, 2020, 2020, 1-10.	1.9	6
25	Biomechanical effects of over lordotic curvature after spinal fusion on adjacent intervertebral discs under continuous compressive load. Clinical Biomechanics, 2020, 73, 149-156.	1.2	6
26	The radiographic characteristics and developmental mechanism of the lumbar degenerative retrolisthesis under a high-grade PI. Journal of Orthopaedic Science, 2021, 26, 103-109.	1.1	6
27	Comparison between topping-off technology and posterior lumbar interbody fusion in the treatment of chronic low back pain. Medicine (United States), 2020, 99, e18885.	1.0	6
28	IL17RC affects the predisposition to thoracic ossification of the posterior longitudinal ligament. Journal of Orthopaedic Surgery and Research, 2019, 14, 210.	2.3	5
29	Dynamic Stabilization Adjacent to Fusion versus Posterior Lumbar Interbody Fusion for the Treatment of Lumbar Degenerative Disease: A Meta-Analysis. BioMed Research International, 2020, 2020, 1-19.	1.9	5
30	Different acute behaviors of pelvic incidence after long fusion to sacrum between elderly patients with severe and minor sagittal deformity: a retrospective radiographic study on 102 cases. European Spine Journal, 2020, 29, 1379-1387.	2.2	5
31	Enhanced recovery after surgery pathway: association with lower incidence of wound complications and severe hypoalbuminemia in patients undergoing posterior lumbar fusion surgery. Journal of Orthopaedic Surgery and Research, 2022, 17, 178.	2.3	5
32	A new single nucleotide polymorphism affects the predisposition to thoracic ossification of the posterior longitudinal ligament. Journal of Orthopaedic Surgery and Research, 2019, 14, 438.	2.3	4
33	A Comprehensive Analysis of the Behavior of Pelvic Incidence After Different Posterior Spinal Procedures in Elderly Patients With Spinal Deformity. Global Spine Journal, 2023, 13, 368-377.	2.3	4
34	The COL6A1 rs201153092 single nucleotide polymorphism, associates with thoracic ossification of the posterior longitudinal ligament. Molecular Medicine Reports, 2020, 21, 191-200.	2.4	4
35	Symptomatic Sagittal Imbalance and Severe Degeneration of Paraspinal Muscle Predispose Suboptimal Outcomes After Lumbar Short Fusion Surgery for Degenerative Lumbar Spinal Stenosis. World Neurosurgery, 2022, 164, e741-e748.	1.3	4
36	Retrospective study on effectiveness of Activ L total disc replacement. Journal of Orthopaedic Surgery and Research, 2021, 16, 2.	2.3	3

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37	Characteristics of the sagittal spinal balance in the asymptomatic elderly Chinese population. <i>European Spine Journal</i> , 2022, 31, 233-240.	2.2	3
38	Selecting proper distal fusion level in severe thoracolumbar kyphosis secondary to late osteoporotic vertebral compression fracture to limit distal complications. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1177-1184.	1.1	3
39	Pathological Features and Surgical Strategies of Cervical Deformity. <i>BioMed Research International</i> , 2020, 2020, 1-9.	1.9	3
40	The Impact of Perioperative Multimodal Pain Management on Postoperative Outcomes in Patients (Aged) Tj ETQq0 0 0 rgBT /Overlock 1 2022, 1-8.	1.8	3
41	Retrospective Data Analysis for Enhanced Recovery After Surgery (ERAS) Protocol for Elderly Patients with Long-Level Lumbar Fusion. <i>World Neurosurgery</i> , 2022, 164, e397-e403.	1.3	3
42	Efficacy and mid/long-term survivorship of mobile-bearing unicompartmental knee arthroplasty for medial compartment knee osteoarthritis combined patellofemoral joint arthritis: a prospective cohort study protocol. <i>BMJ Open</i> , 2020, 10, e038448.	1.9	2
43	Engineered collagen-binding bone morphogenetic protein-2 incorporated with platelet-rich plasma accelerates lumbar fusion in aged rats with osteopenia. <i>Experimental Biology and Medicine</i> , 2021, 246, 1577-1585.	2.4	2
44	Does the sagittal spinal profile differ between the elderly Chinese populations with and without lumbar disc herniation?. <i>Asian Journal of Surgery</i> , 2022, 45, 2719-2724.	0.4	1
45	Influence of Sagittal Lumbopelvic Morphotypes on the Range of Motion of Human Lumbar Spine: An In Vitro Cadaveric Study. <i>Bioengineering</i> , 2022, 9, 224.	3.5	1
46	The sagittal sways of back lordosis and sacral orientation during still standing at different arm positions. <i>Journal of Biomechanics</i> , 2021, 114, 110149.	2.1	0
47	Characteristics of Lumbar Flexion Rhythm at Different Arm Positions. <i>World Neurosurgery</i> , 2021, 152, e81-e85.	1.3	0