

# Jia-Ming Liu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-17

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

1,576  
citations

14  
h-index

39  
g-index

54  
ext. papers

2,022  
ext. citations

3.6  
avg, IF

5.3  
L-index

#	Paper	IF	Citations
47	Development and biomechanical test of a new pedicle screw for thoracolumbar spinal surgery. <i>Medical Engineering and Physics</i> , <b>2022</b> , 104, 103808	2.4	
46	Application of Machine Learning Techniques to Predict Bone Metastasis in Patients with Prostate Cancer. <i>Cancer Management and Research</i> , <b>2021</b> , 13, 8723-8736	3.6	0
45	Machine learning for the prediction of bone metastasis in patients with newly diagnosed thyroid cancer. <i>Cancer Medicine</i> , <b>2021</b> , 10, 2802-2811	4.8	6
44	iTRAQ-based proteomic analysis of the molecular mechanisms and downstream effects of fatty acid synthase in osteosarcoma cells. <i>Journal of Clinical Laboratory Analysis</i> , <b>2021</b> , 35, e23653	3	2
43	Using the lamina nutrient foramen as the entry point for posterior cervical pedicle screw placement. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 207, 106711	2	
42	Incidences and reasons of postoperative surgical site infection after lumbar spinal surgery: a large population study. <i>European Spine Journal</i> , <b>2021</b> , 1	2.7	0
41	Aurora-B knockdown inhibits osteosarcoma metastasis by inducing autophagy via the mTOR/ULK1 pathway. <i>Cancer Cell International</i> , <b>2020</b> , 20, 575	6.4	6
40	Viral dynamics in mild and severe cases of COVID-19. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 656-657	25.5	1045
39	Aurora-B Promotes Osteosarcoma Cell Growth and Metastasis Through Activation of the NPM1/ERK/NF- $\kappa$ B/MMPs Axis. <i>Cancer Management and Research</i> , <b>2020</b> , 12, 4817-4827	3.6	2
38	Silencing of Long Non-coding RNA NEAT1 Upregulates miR-195a to Attenuate Intervertebral Disk Degeneration via the BAX/BAK Pathway. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 147	5.6	4
37	Diagnostic value of CA-153 and CYFRA 21-1 in predicting intraocular metastasis in patients with metastatic lung cancer. <i>Cancer Medicine</i> , <b>2020</b> , 9, 1279-1286	4.8	5
36	The Value of MR Imaging in Comparative Analysis of Spinal Infection in Adults: Pyogenic Versus Tuberculous. <i>World Neurosurgery</i> , <b>2019</b> , 128, e806-e813	2.1	6
35	Anoikis resistant mediated by FASN promoted growth and metastasis of osteosarcoma. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 298	9.8	17
34	Are Routine Postoperative Laboratory Tests Really Necessary After Lumbar Spinal Surgery?. <i>World Neurosurgery</i> , <b>2019</b> ,	2.1	3
33	The risk factors for postoperative ileus following posterior thoraco-lumbar spinal fusion surgery. <i>Clinical Neurology and Neurosurgery</i> , <b>2019</b> , 184, 105411	2	4
32	LHX2 promotes malignancy and inhibits autophagy via mTOR in osteosarcoma and is negatively regulated by miR-129-5p. <i>Aging</i> , <b>2019</b> , 11, 9794-9810	5.6	9
31	Potential Molecular Mechanisms of AURKB in the Oncogenesis and Progression of Osteosarcoma Cells: A Label-Free Quantitative Proteomics Analysis. <i>Technology in Cancer Research and Treatment</i> , <b>2018</b> , 18, 1533033819853262	2.7	5

30	Risk Factors for Surgical Site Infection After Posterior Lumbar Spinal Surgery. <i>Spine</i> , <b>2018</b> , 43, 732-737	3.3	44
29	The risk factors for bone metastases in patients with colorectal cancer. <i>Medicine (United States)</i> , <b>2018</b> , 97, e12694	1.8	6
28	Let-7a inhibits osteosarcoma cell growth and lung metastasis by targeting Aurora-B. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 6305-6315	3.6	7
27	Extracellular vesicles-mediated signaling in the osteosarcoma microenvironment: Roles and potential therapeutic targets. <i>Journal of Bone Oncology</i> , <b>2018</b> , 12, 101-104	4.5	9
26	A New Entrance Technique for C2 Pedicle Screw Placement and the Use in Patients With Atlantoaxial Instability. <i>Clinical Spine Surgery</i> , <b>2017</b> , 30, E573-E577	1.8	6
25	One-stage posterior surgical management of lumbosacral spinal tuberculosis with nonstructural autograft. <i>Clinical Neurology and Neurosurgery</i> , <b>2017</b> , 153, 67-72	2	13
24	A comparison of local bone graft with PEEK cage versus iliac bone graft used in anterior cervical discectomy and fusion. <i>Clinical Neurology and Neurosurgery</i> , <b>2017</b> , 155, 30-35	2	12
23	Cell Salvage Used in Scoliosis Surgery: Is It Really Effective?. <i>World Neurosurgery</i> , <b>2017</b> , 101, 568-576	2.1	6
22	The effect of screw tunnels on the biomechanical stability of vertebral body after pedicle screws removal: a finite element analysis. <i>International Orthopaedics</i> , <b>2017</b> , 41, 1183-1187	3.8	5
21	Incidence and risk factors for symptomatic spinal epidural haematoma following lumbar spinal surgery. <i>International Orthopaedics</i> , <b>2017</b> , 41, 2297-2302	3.8	6
20	Clinical characteristics and risk factors for developing bone metastases in patients with breast cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 11325	4.9	30
19	The risk factors of bone metastases in patients with lung cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 8970	4.9	24
18	Neuron-specific enolase, histopathological types, and age as risk factors for bone metastases in lung cancer. <i>Tumor Biology</i> , <b>2017</b> , 39, 1010428317714194	2.9	9
17	Risk factors for bone metastasis from renal cell cancer. <i>Journal of Bone Oncology</i> , <b>2017</b> , 9, 29-33	4.5	18
16	Serum Concentrations of Fibrinogen in Patients with Spinal Cord Injury and Its Relationship with Neurologic Function. <i>World Neurosurgery</i> , <b>2017</b> , 106, 219-223	2.1	0
15	AMD3100 inhibits the migration and differentiation of neural stem cells after spinal cord injury. <i>Scientific Reports</i> , <b>2017</b> , 7, 64	4.9	14
14	Radiographic Evaluation of the Reliability of Neck Anatomic Structures as Anterior Cervical Surgical Landmarks. <i>World Neurosurgery</i> , <b>2017</b> , 103, 133-137	2.1	3
13	The incidences and risk factors related to early dysphagia after anterior cervical spine surgery: A prospective study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173364	3.7	14

12	Serum calcium, alkaline phosphatase and hemoglobin as risk factors for bone metastases in bladder cancer. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183835	3.7	30
11	Is nonstructural bone graft useful in surgical treatment of lumbar spinal tuberculosis?: A retrospective case-control study. <i>Medicine (United States)</i> , <b>2016</b> , 95, e4677	1.8	10
10	Is Urgent Decompression Superior to Delayed Surgery for Traumatic Spinal Cord Injury? A Meta-Analysis. <i>World Neurosurgery</i> , <b>2016</b> , 87, 124-31	2.1	53
9	The Use of Closed Suction Drainage in Lumbar Spinal Surgery: Is It Really Necessary?. <i>World Neurosurgery</i> , <b>2016</b> , 90, 109-115	2.1	20
8	A comparative study of perioperative complications between transforaminal versus posterior lumbar interbody fusion in degenerative lumbar spondylolisthesis. <i>European Spine Journal</i> , <b>2016</b> , 25, 1575-1580	2.7	35
7	Unplanned Reoperation of Lumbar Spinal Surgery During the Primary Admission: A Multicenter Study Based on a Large Patient Population. <i>Spine</i> , <b>2016</b> , 41, 1279-1283	3.3	6
6	Efficacy and Safety of Posterior Versus Combined Posterior and Anterior Approach for the Treatment of Spinal Tuberculosis: A Meta-Analysis. <i>World Neurosurgery</i> , <b>2015</b> , 83, 1157-65	2.1	27
5	Anterior cervical discectomy and fusion versus corpectomy and fusion in treating two-level adjacent cervical spondylotic myelopathy: a minimum 5-year follow-up study. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2015</b> , 135, 149-153	3.6	18
4	Hybrid Decompression Technique Versus Anterior Cervical Corpectomy and Fusion for Treating Multilevel Cervical Spondylotic Myelopathy: Which One Is Better?. <i>World Neurosurgery</i> , <b>2015</b> , 84, 2022-9	2.1	16
3	A new source of structural autograft for ACDF surgery: cervical laminae. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 9100-6		3
2	A comparative study between local bone graft with a cage and with no cage in single posterior lumbar interbody fusion (PLIF): a multicenter study. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2014</b> , 134, 1051-7	3.6	6
1	One-stage posterior debridement and transpedicular screw fixation for treating monosegmental thoracic and lumbar spinal tuberculosis in adults. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 137106	2.2	7