

Sheng-fu Lo

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

709
citations

623734

14
h-index

610901

24
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60
all docs

60
docs citations

60
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	International Variability in Spinal Metastasis Treatment: A Survey of the AO Spine Community. <i>Global Spine Journal</i> , 2023, 13, 1622-1634.	2.3	1
2	Utility of expanded anterior column resection versus decompression-alone for local control in the management of carcinomatous vertebral column metastases undergoing adjuvant stereotactic radiotherapy. <i>Spine Journal</i> , 2022, 22, 835-846.	1.3	5
3	Differences in Health Care Resource Utilization After Surgery for Metastatic Spinal Column Tumors in Patients with a Concurrent Affective Disorder in the United States. <i>World Neurosurgery</i> , 2022, 161, e252-e267.	1.3	6
4	Hospital Frailty Risk Score and healthcare resource utilization after surgery for metastatic spinal column tumors. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 241-251.	1.7	10
5	Perioperative outcomes and survival after surgery for intramedullary spinal cord tumors: a single-institution series of 302 patients. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 252-262.	1.7	11
6	A novel online calculator to predict nonroutine discharge, length of stay, readmission, and reoperation in patients undergoing surgery for intramedullary spinal cord tumors. <i>Spine Journal</i> , 2022, 22, 1345-1355.	1.3	5
7	Trends in Intraoperative Assessment of Spinal Alignment: A Survey of Spine Surgeons in the United States. <i>Global Spine Journal</i> , 2022, 12, 82S-86S.	2.3	2
8	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology. <i>North American Spine Society Journal (NASSJ)</i> , 2022, 10, 100105.	0.5	0
9	Comparison of frailty metrics and the Charlson Comorbidity Index for predicting adverse outcomes in patients undergoing surgery for spine metastases. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 849-857.	1.7	12
10	Predictors of survival and time to progression following operative management of intramedullary spinal cord astrocytomas. <i>Journal of Neuro-Oncology</i> , 2022, 158, 117-127.	2.9	7
11	Assessment of Frailty Indices and Charlson Comorbidity Index for Predicting Adverse Outcomes in Patients Undergoing Surgery for Spine Metastases: A National Database Analysis. <i>World Neurosurgery</i> , 2022, 164, e1058-e1070.	1.3	13
12	Subdural Direct Wave Intraoperative Neurophysiological Monitoring in Intramedullary Spinal Cord Tumor Resection: Case Report. <i>Neurodiagnostic Journal</i> , 2022, 62, 87-98.	0.1	0
13	Aortic injury in spine surgery—What a spine surgeon needs to know. <i>Neurosurgical Review</i> , 2021, 44, 3189-3196.	2.4	3
14	Augmented reality-mediated stereotactic navigation for execution of en bloc lumbar spondylectomy osteotomies. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 700-705.	1.7	25
15	Sacrectomy for sacral tumors: Perioperative outcomes in a large-volume comprehensive cancer center. <i>Spine Journal</i> , 2021, 21, 1908-1919.	1.3	4
16	Translocation of Cervical Vertebral Body Replacement Device into the Esophagus. <i>World Neurosurgery</i> , 2021, 150, 144-146.	1.3	0
17	Sacroplasty Augmentation of Instrumented Pelvic Reconstruction After High Sacrectomy: A Technical Case Report. <i>Operative Neurosurgery</i> , 2021, 21, E375-E380.	0.8	3
18	Influence of Sex on Early Outcomes of Elective Lumbar Fusions: An Updated Propensity-Matched and Subgroup Analysis. <i>World Neurosurgery</i> , 2021, 150, e388-e399.	1.3	6

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19	Association of Race with Early Outcomes of Elective Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: Propensity-Matched and Subgroup Analysis. <i>World Neurosurgery</i> , 2021, 150, e176-e181.	1.3	5
20	Fenestrated pedicle screws for thoracolumbar instrumentation in patients with poor bone quality: Case series and systematic review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106675.	1.4	11
21	Predictors of an academic career among fellowship-trained spinal neurosurgeons. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	1.7	6
22	A Web-Based Calculator for Predicting the Occurrence of Wound Complications, Wound Infection, and Unplanned Reoperation for Wound Complications in Patients Undergoing Surgery for Spinal Metastases. <i>World Neurosurgery</i> , 2021, 155, e218-e228.	1.3	10
23	Impact of Multidisciplinary Intraoperative Teams on Thirty-Day Complications After Sacral Tumor Resection. <i>World Neurosurgery</i> , 2021, 152, e558-e566.	1.3	1
24	Plastic surgery wound closure following resection of spinal metastases. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106800.	1.4	4
25	A multicenter analysis of the prognostic value of histone H3 K27M mutation in adult high-grade spinal glioma. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 834-843.	1.7	13
26	Surgical Approaches to Tumors of the Occipito-Cervical, Subaxial Cervical, and Cervicothoracic Spine: An Algorithm for Standard versus Extended Anterior Cervical Access. <i>World Neurosurgery</i> , 2021, 156, e41-e56.	1.3	6
27	Surgical Stabilization for Patients with Mechanical Back Pain Secondary to Metastatic Spinal Disease is Associated with Improved Objective Mobility Metrics: Preliminary Analysis in a Cohort of 26 Patients. <i>World Neurosurgery</i> , 2021, 153, e28-e35.	1.3	1
28	Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. <i>World Neurosurgery</i> , 2021, 154, e277-e282.	1.3	12
29	Drivers of Readmission and Reoperation After Surgery for Vertebral Column Metastases. <i>World Neurosurgery</i> , 2021, 154, e806-e814.	1.3	8
30	Timing of referral to peripheral nerve specialists in patients with postoperative C5 palsy. <i>Journal of Clinical Neuroscience</i> , 2021, 92, 169-174.	1.5	5
31	Effect of patient's sex on early perioperative outcomes following anterior cervical discectomy and fusion. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 247-252.	1.5	2
32	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa173.	0.7	6
33	Effects of preoperative nutritional status on complications and readmissions after posterior lumbar decompression and fusion for spondylolisthesis: A propensity-score analysis. <i>Clinical Neurology and Neurosurgery</i> , 2021, 211, 107017.	1.4	7
34	Comparison of Freshly Isolated Adipose Tissue-derived Stromal Vascular Fraction and Bone Marrow Cells in a Posterolateral Lumbar Spinal Fusion Model. <i>Spine</i> , 2021, 46, 631-637.	2.0	4
35	Nerve Root Sparing En Bloc Resection of Sacral Chondrosarcoma: Technical Note and Review of the Literature. <i>Operative Neurosurgery</i> , 2021, 21, 497-506.	0.8	0
36	Spinal cord float back is not an independent predictor of postoperative C5 palsy in patients undergoing posterior cervical decompression. <i>Spine Journal</i> , 2020, 20, 266-275.	1.3	10

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37	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	1.7	18
38	In Reply to Ryu. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 464-465.	0.8	0
39	Safety Profile of Lumbosacropelvic Fixation in Patients Aged 60 Years or Older. <i>Clinical Spine Surgery</i> , 2019, 32, E200-E205.	1.3	10
40	Effects of Intraoperative Intrawound Antibiotic Administration on Spinal Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1741-1749.	3.0	15
41	Investigational growth factors utilized in animal models of spinal fusion: Systematic review. <i>World Journal of Orthopedics</i> , 2019, 10, 176-191.	1.8	14
42	The Effects of High-Dose Parathyroid Hormone Treatment on Fusion Outcomes in a Rabbit Model of Posterolateral Lumbar Spinal Fusion Alone and in Combination with Bone Morphogenetic Protein 2 Treatment. <i>World Neurosurgery</i> , 2018, 115, e366-e374.	1.3	8
43	TMOD-37. IN VIVO SYNERGISTIC EFFECT OF CHECKPOINT BLOCKADE AND RADIATION THERAPY AGAINST CHORDOMAS IN A HUMANIZED MOUSE MODEL. <i>Neuro-Oncology</i> , 2018, 20, vi276-vi276.	1.2	1
44	RARE-01. IN VIVO IMMUNOMODULATING EFFECT OF LXR-623 AND ITS SYNERGISM WITH CHECKPOINT BLOCKADE AGAINST CHORDOMAS IN A HUMANIZED MOUSE MODEL. <i>Neuro-Oncology</i> , 2018, 20, vi236-vi236.	1.2	0
45	Use of S2-Alar-iliac Screws Associated With Less Complications Than Iliac Screws in Adult Lumbosacropelvic Fixation. <i>Spine</i> , 2017, 42, E142-E149.	2.0	109
46	Sublaminar Decompression. <i>Clinical Spine Surgery</i> , 2017, 30, 14-19.	1.3	7
47	Utility of the LevelCheck Algorithm for Decision Support in Vertebral Localization. <i>Spine</i> , 2016, 41, E1249-E1256.	2.0	18
48	Spinal column chordoma: prognostic significance of clinical variables and T (brachyury) gene SNP rs2305089 for local recurrence and overall survival. <i>Neuro-Oncology</i> , 2016, 19, now156.	1.2	27
49	Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 57-62.	1.5	24
50	A systematic review of the use of expandable cages in the cervical spine. <i>Neurosurgical Review</i> , 2016, 39, 1-11.	2.4	20
51	Automatic Localization of Target Vertebrae in Spine Surgery. <i>Spine</i> , 2015, 40, E476-E483.	2.0	27
52	Analgesic therapy for major spine surgery. <i>Neurosurgical Review</i> , 2015, 38, 407-419.	2.4	24
53	A Systematic Assessment of the Use of Platelet-Rich Plasma in Spinal Fusion. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1057-1070.	2.5	18
54	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629.	1.7	26

#	ARTICLE	IF	CITATIONS
55	Surgical management of osteoblastoma of the spine: case series and review of the literature. Turkish Neurosurgery, 2015, 26, 601-7.	0.2	11
56	Systematic approach for anterior corpectomy through a transthoracic exposure. Turkish Neurosurgery, 2015, 26, 646-52.	0.2	4
57	Prognostic Significance of T Gene SNP s2305089 in Individuals with Spinal Column Chordoma. Global Spine Journal, 2015, 5, s-0035-1554326-s-0035-1554326.	2.3	0
58	Effects of Single versus Hypofractionated Focused Radiation Therapy on Vertebral Structure and Biomechanical Integrity. Global Spine Journal, 2015, 5, s-0035-1554349-s-0035-1554349.	2.3	0
59	Techniques and accuracy of thoracolumbar pedicle screw placement. World Journal of Orthopedics, 2014, 5, 112.	1.8	103
60	Mycotic aneurysm and fungal spinal abscess due to tainted steroid injection. British Journal of Neurosurgery, 2014, 28, 416-417.	0.8	1