

Sheng-fu Lo

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

709
citations

623734

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610901

24
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docs citations

60
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of S2-Alar-iliac Screws Associated With Less Complications Than Iliac Screws in Adult Lumbosacro-pelvic Fixation. <i>Spine</i> , 2017, 42, E142-E149.	2.0	109
2	Techniques and accuracy of thoracolumbar pedicle screw placement. <i>World Journal of Orthopedics</i> , 2014, 5, 112.	1.8	103
3	Automatic Localization of Target Vertebrae in Spine Surgery. <i>Spine</i> , 2015, 40, E476-E483.	2.0	27
4	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
5	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
6	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
7	Analgesic therapy for major spine surgery. <i>Neurosurgical Review</i> , 2015, 38, 407-419.	2.4	24
8	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
9	A systematic review of the use of expandable cages in the cervical spine. <i>Neurosurgical Review</i> , 2016, 39, 1-11.	2.4	20
10	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
11	Utility of the LevelCheck Algorithm for Decision Support in Vertebral Localization. <i>Spine</i> , 2016, 41, E1249-E1256.	2.0	18
12	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	1.7	18
13	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
14	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
15	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
16	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
17	Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. <i>World Neurosurgery</i> , 2021, 154, e277-e282.	1.3	12
18	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

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19	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
20	Surgical management of osteoblastoma of the spine: case series and review of the literature. <i>Turkish Neurosurgery</i> , 2015, 26, 601-7.	0.2	11
21	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
22	Safety Profile of Lumbosacropelvic Fixation in Patients Aged 60 Years or Older. <i>Clinical Spine Surgery</i> , 2019, 32, E200-E205.	1.3	10
23	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
24	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
25	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
26	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
27	Drivers of Readmission and Reoperation After Surgery for Vertebral Column Metastases. <i>World Neurosurgery</i> , 2021, 154, e806-e814.	1.3	8
28	Sublaminar Decompression. <i>Clinical Spine Surgery</i> , 2017, 30, 14-19.	1.3	7
29	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
30	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
31	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
32	Predictors of an academic career among fellowship-trained spinal neurosurgeons. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	1.7	6
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Sacrectomy for sacral tumors: Perioperative outcomes in a large-volume comprehensive cancer center. <i>Spine Journal</i> , 2021, 21, 1908-1919.	1.3	4
41	Plastic surgery wound closure following resection of spinal metastases. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106800.	1.4	4
42	Systematic approach for anterior corpectomy through a transthoracic exposure. <i>Turkish Neurosurgery</i> , 2015, 26, 646-52.	0.2	4
43	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
44	Aortic injury in spine surgery—What a spine surgeon needs to know. <i>Neurosurgical Review</i> , 2021, 44, 3189-3196.	2.4	3
45	Sacroplasty Augmentation of Instrumented Pelvic Reconstruction After High Sacrectomy: A Technical Case Report. <i>Operative Neurosurgery</i> , 2021, 21, E375-E380.	0.8	3
46	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
47	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
48	Mycotic aneurysm and fungal spinal abscess due to tainted steroid injection. <i>British Journal of Neurosurgery</i> , 2014, 28, 416-417.	0.8	1
49	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
50	Impact of Multidisciplinary Intraoperative Teams on Thirty-Day Complications After Sacral Tumor Resection. <i>World Neurosurgery</i> , 2021, 152, e558-e566.	1.3	1
51	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
52	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
53	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
54	In Reply to Ryu. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 464-465.	0.8	0

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55	Translocation of Cervical Vertebral Body Replacement Device into the Esophagus. World Neurosurgery, 2021, 150, 144-146.	1.3	0
56	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
57	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
58	Nerve Root Sparing En Bloc Resection of Sacral Chondrosarcoma: Technical Note and Review of the Literature. Operative Neurosurgery, 2021, 21, 497-506.	0.8	0
59	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology. North American Spine Society Journal (NASSJ), 2022, 10, 100105.	0.5	0
60	Subdural Direct Wave Intraoperative Neurophysiological Monitoring in Intramedullary Spinal Cord Tumor Resection: Case Report. Neurodiagnostic Journal,the, 2022, 62, 87-98.	0.1	0