

# Sun-Ho Lee

## List of Publications by Year in descending order

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78  
papers

1,755  
citations

257429

24  
h-index

302107

39  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dural rupture and subsequent spinal cord herniation due to closed wound suction drainage after spinal surgery. <i>British Journal of Neurosurgery</i> , 2023, 37, 1171-1175.	0.8	1
2	Significant Therapeutic Effects of Adult Human Neural Stem Cells for Spinal Cord Injury Are Mediated by Monocyte Chemoattractant Protein-1 (MCP-1). <i>International Journal of Molecular Sciences</i> , 2022, 23, 4267.	4.1	2
3	Is the Spinal Instability Neoplastic Score Accurate and Reliable in Predicting Vertebral Compression Fractures for Spinal Metastasis? A Systematic Review and Qualitative Analysis. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 4-12.	1.2	7
4	Optimal Preclinical Conditions for Using Adult Human Multipotent Neural Cells in the Treatment of Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2579.	4.1	8
5	Outcomes of Surgery for Sacral Chordoma and Impact of Complications: A Report of 50 Consecutive Patients With Long-Term Follow-Up. <i>Global Spine Journal</i> , 2021, 11, 740-750.	2.3	7
6	Clinical and dosimetric risk factors for vertebral compression fracture after single-fraction stereotactic body radiation therapy for spine metastases. <i>Journal of Bone Oncology</i> , 2021, 28, 100368.	2.4	1
7	Adult Human Multipotent Neural Cells Could Be Distinguished from Other Cell Types by Proangiogenic Paracrine Effects via MCP-1 and GRO. <i>Stem Cells International</i> , 2021, 2021, 1-13.	2.5	3
8	Effects of Long-Term In Vitro Expansion on Genetic Stability and Tumor Formation Capacity of Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	3.8	1
9	Novel prognostication of patients with spinal and pelvic chondrosarcoma using deep survival neural networks. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 3.	3.0	24
10	Functional Expression of Piezo1 in Dorsal Root Ganglion (DRG) Neurons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3834.	4.1	46
11	Differentiating between spinal schwannomas and meningiomas using MRI: A focus on cystic change. <i>PLoS ONE</i> , 2020, 15, e0233623.	2.5	10
12	Radiologic Efficacy and Patient Satisfaction after Minimally Invasive Unilateral Laminotomy and Bilateral Decompression in Patients with Lumbar Spinal Stenosis: A Retrospective Analysis. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 475-483.	0.8	1
13	Analysis of postoperative dysphagia after anterior cervical decompression and fusion. <i>British Journal of Neurosurgery</i> , 2020, 34, 457-462.	0.8	10
14	Predicting Survival of Patients with Spinal Ependymoma Using Machine Learning Algorithms with the SEER Database. <i>World Neurosurgery</i> , 2019, 124, e331-e339.	1.3	23
15	Subtotal Resection of Cervical Dumbbell Schwannomas: Radiographic Predictors for Surgical Considerations. <i>World Neurosurgery</i> , 2019, 121, e661-e669.	1.3	10
16	Predictive Value of Preoperative Magnetic Resonance Imaging Findings for Survival and Local Recurrence in Patients Undergoing En Bloc Resection of Sacral Chordomas. <i>Neurosurgery</i> , 2019, 85, 834-842.	1.1	12
17	Analysis of Multimodal Intraoperative Monitoring During Intramedullary Spinal Ependymoma Surgery. <i>World Neurosurgery</i> , 2018, 120, e169-e180.	1.3	11
18	Significant therapeutic effects of adult human multipotent neural cells on spinal cord injury. <i>Stem Cell Research</i> , 2018, 31, 71-78.	0.7	10

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19	In vivo distribution of U87MG cells injected into the lateral ventricle of rats with spinal cord injury. PLoS ONE, 2018, 13, e0202307.	2.5	6
20	The Impact of Surgical Treatment on Survival in Patients With Cervical Spine Metastases. Neurospine, 2018, 15, 144-153.	2.9	7
21	Spinal Cord Subependymoma Surgery : A Multi-Institutional Experience. Journal of Korean Neurosurgical Society, 2018, 61, 233-242.	1.2	20
22	In Vivo Spinal Distribution of Cy5.5 Fluorescent Dye after Injection via the Lateral Ventricle and Cisterna Magna in Rat Model. Journal of Korean Neurosurgical Society, 2018, 61, 434-440.	1.2	3
23	History of Korean Spinal Neurosurgery Society. Neurospine, 2018, 15, 189-193.	2.9	3
24	Angiogenic Capacity of Dental Pulp Stem Cell Regulated by SDF-1 $\alpha$ -CXCR4 Axis. Stem Cells International, 2017, 2017, 1-10.	2.5	25
25	Stereotactic ablative body radiotherapy for spinal metastasis from hepatocellular carcinoma: its oncologic outcomes and risk of vertebral compression fracture. Oncotarget, 2017, 8, 72860-72871.	1.8	17
26	Thermal-Induced Osteonecrosis of Adjacent Vertebra after Intradiscal Electrothermal Therapy. Journal of Korean Neurosurgical Society, 2017, 60, 114-117.	1.2	0
27	Long-term recurrence rates after the removal of spinal meningiomas in relation to Simpson grades. European Spine Journal, 2016, 25, 4025-4032.	2.2	39
28	Delayed diagnosis of cervical spinal cord transection without radiographic abnormality in a 3-year-old child after a motor vehicle accident. Child's Nervous System, 2016, 32, 1355-1356.	1.1	0
29	Can the spinal instability neoplastic score prior to spinal radiosurgery predict compression fractures following stereotactic spinal radiosurgery for metastatic spinal tumor?: a post hoc analysis of prospective phase II single-institution trials. Journal of Neuro-Oncology, 2016, 126, 509-517.	2.9	47
30	Diffuse Large B-Cell Lymphoma Mimicking Schwannoma of Lumbar Spine. Korean Journal of Spine, 2016, 13, 71.	0.9	7
31	Superficial Siderosis of the Central Nervous System Originating from the Thoracic Spine: A Case Report. Korean Journal of Spine, 2016, 13, 83.	0.9	6
32	A Nationwide Retrospective Study of Opioid Management Patterns in 2,468 Patients with Spinal Pain in Korea. Asian Spine Journal, 2016, 10, 1122.	2.0	6
33	Which one is a valuable surrogate for predicting survival between Tomita and Tokuhashi scores in patients with spinal metastases? A meta-analysis for diagnostic test accuracy and individual participant data analysis. Journal of Neuro-Oncology, 2015, 123, 267-275.	2.9	36
34	Highly unstable cervical spine injury in an infant: a case report. Child's Nervous System, 2015, 31, 341-346.	1.1	6
35	Utilization of laser interstitial thermotherapy guided by real-time thermal MRI as an alternative to separation surgery in the management of spinal metastasis. Journal of Neurosurgery: Spine, 2015, 23, 400-411.	1.7	79
36	Symptomatic Large Spinal Extradural Arachnoid Cyst: A Case Report. Korean Journal of Spine, 2015, 12, 217.	0.9	16

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37	Surgical Management with Radiation Therapy for Metastatic Spinal Tumors Located on Cervicothoracic Junction : A Single Center Study. Journal of Korean Neurosurgical Society, 2015, 57, 42.	1.2	5
38	Minimally Invasive Option Using Percutaneous Pedicle Screw for Instability of Metastasis Involving Thoracolumbar and Lumbar Spine : A Case Series in a Single Center. Journal of Korean Neurosurgical Society, 2015, 57, 100.	1.2	16
39	Survival-Related Factors of Spinal Metastasis with Hepatocellular Carcinoma in Current Surgical Treatment Modalities : A Single Institute Experience. Journal of Korean Neurosurgical Society, 2015, 58, 448.	1.2	17
40	Spinal Metastasis of Thymic Carcinoma as a Rare Manifestation: A Summary of 7 Consecutive Cases. Korean Journal of Spine, 2014, 11, 157.	0.9	9
41	Clinical and Radiographic Analysis of C5 Palsy After Anterior Cervical Decompression and Fusion for Cervical Degenerative Disease. Journal of Spinal Disorders and Techniques, 2014, 27, 436-441.	1.9	46
42	Synovial sarcoma of the spine: a case involving paraspinal muscle with extensive calcification and the surgical consideration in treatment. European Spine Journal, 2014, 23, 27-31.	2.2	18
43	Analysis of the predictive role and new proposal for surgical strategies based on the modified Tomita and Tokuhashi scoring systems for spinal metastasis. World Journal of Surgical Oncology, 2014, 12, 245.	1.9	22
44	Idiopathic Hypertrophic Spinal Pachymeningitis with an Osteolytic Lesion. Journal of Korean Neurosurgical Society, 2014, 56, 162.	1.2	7
45	Intramedullary Sarcoidosis Presenting with Delayed Spinal Cord Swelling after Cervical Laminoplasty for Compressive Cervical Myelopathy. Journal of Korean Neurosurgical Society, 2014, 56, 436.	1.2	7
46	Myositis ossificans in the paraspinal muscles of the neck after acupuncture: a case report. Spine Journal, 2013, 13, e9-e12.	1.3	10
47	Modified C1 lateral mass screw insertion using a high entry point to avoid postoperative occipital neuralgia. Journal of Clinical Neuroscience, 2013, 20, 162-167.	1.5	38
48	Long-term outcomes of surgical resection with or without adjuvant radiation therapy for treatment of spinal ependymoma: a retrospective multicenter study by the Korea Spinal Oncology Research Group. Neuro-Oncology, 2013, 15, 921-929.	1.2	101
49	Mid-term Clinical Outcomes of Stand-alone Posterior Interbody Fusion with Rectangular Cages: A 4-year-minimum Follow-up. Korean Journal of Spine, 2013, 10, 126.	0.9	2
50	Charcot Arthropathy of the Lumbosacral Spine Mimicking a Vertebral Tumor after Spinal Cord Injury. Journal of Korean Neurosurgical Society, 2013, 54, 537.	1.2	7
51	Thoracic spondylitis induced myelopathy combined with herpetic neuralgia. Korean Journal of Anesthesiology, 2013, 65, S137.	2.5	0
52	Uncovertebral hypertrophy is a significant risk factor for the occurrence of heterotopic ossification after cervical disc replacement: survivorship analysis of Bryan disc for single-level cervical arthroplasty. Acta Neurochirurgica, 2012, 154, 1017-1022.	1.7	24
53	Implementation and Outcomes of a Critical Pathway for Lumbar Laminectomy or Microdiscectomy. Journal of Korean Neurosurgical Society, 2012, 51, 338.	1.2	6
54	Cement augmented anterior reconstruction with short posterior instrumentation: A less invasive surgical option for Kummell's disease with cord compression. Journal of Clinical Neuroscience, 2011, 18, 509-514.	1.5	59

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55	Incidence of Deep Vein Thrombosis After Spinal Cord Injury: A Prospective Study in 37 Consecutive Patients With Traumatic or Nontraumatic Spinal Cord Injury Treated by Mechanical Prophylaxis. <i>Journal of Trauma</i> , 2011, 71, 867-871.	2.3	34
56	Posterior C1-C2 fusion using a polyaxial screw/rod system for os odontoideum with bilateral persistence of the first intersegmental artery. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 10-13.	1.7	6
57	Multiple Vertebral Involvement of Rheumatoid Arthritis in Thoracolumbar Spine: A Case Report. <i>Journal of Korean Medical Science</i> , 2010, 25, 472.	2.5	7
58	Long-term follow up of transoral anterior decompression and posterior fusion for irreducible bony compression of the craniovertebral junction. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 455-459.	1.5	10
59	Clinical and radiological Comparison of treatment of atlantoaxial instability by posterior C1-C2 transarticular screw fixation or C1 lateral mass-C2 pedicle screw fixation. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 886-892.	1.5	73
60	Nerve atrophy and a small cerebellopontine angle cistern in patients with trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2009, 110, 633-637.	1.6	41
61	Gamma knife radiosurgery for multiple brain metastases from lung cancer. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 626-629.	1.5	27
62	Does non-perimesencephalic type non-aneurysmal subarachnoid hemorrhage have a benign prognosis?. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 904-908.	1.5	61
63	Multiple Spinous Process Fractures of the Thoracic Vertebrae (Clay-Shoveler's Fracture) in a Beginning Golfer. <i>Spine</i> , 2009, 34, E534-E537.	2.0	36
64	OLFACTORY DYSFUNCTION AFTER IPSILATERAL AND CONTRALATERAL PTERIONAL APPROACHES FOR CEREBRAL ANEURYSMS. <i>Neurosurgery</i> , 2009, 65, 727-732.	1.1	37
65	Unilateral Lateral Mass-Facet Fractures With Rotational Instability: New Classification and A Review of 39 Cases Treated Conservatively and With Single Segment Anterior Fusion. <i>Journal of Trauma</i> , 2009, 66, 758-767.	2.3	35
66	Catastrophic intramedullary hematoma following KÃ¼mmell's disease with large intravertebral cleft. <i>Spine Journal</i> , 2008, 8, 1007-1010.	1.3	20
67	Chronic subdural hematoma preceded by traumatic subdural hygroma. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 868-872.	1.5	48
68	Anterior cervical stabilization using a semi-constrained cervical plate and titanium mesh cage for single level corpectomy. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 1227-1234.	1.5	12
69	Multiple fusiform myxomatous cerebral aneurysms in a patient with Carney complex. <i>Journal of Neurosurgery</i> , 2008, 109, 318-320.	1.6	20
70	High anterior cervical approach to the upper cervical spine. <i>World Neurosurgery</i> , 2007, 68, 519-524.	1.3	71
71	Targeted percutaneous transforaminal endoscopic discectomy in 295 patients: comparison with results of microscopic discectomy. <i>World Neurosurgery</i> , 2007, 68, 623-631.	1.3	87
72	Unilateral hearing loss following shunt placement for normal pressure hydrocephalus with a unilateral patent cochlear aqueduct. <i>Clinical Neurology and Neurosurgery</i> , 2007, 109, 799-802.	1.4	12

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73	Inflammatory Myofibroblastic Tumor on Intercostal Nerve Presenting as Paraneoplastic Pemphigus with Fatal Pulmonary Involvement. <i>Journal of Korean Medical Science</i> , 2007, 22, 735.	2.5	10
74	Chronic Idiopathic Myelofibrosis Presenting as Cauda Equina Compression due to Extramedullary Hematopoiesis: A Case Report. <i>Journal of Korean Medical Science</i> , 2007, 22, 1090.	2.5	14
75	Anterior odontoid fixation using a 4.5-mm Herbert screw: the first report of 20 consecutive cases with odontoid fracture. <i>World Neurosurgery</i> , 2006, 66, 361-366.	1.3	42
76	Single-stage Transpedicular Decompression and Posterior Instrumentation in Treatment of Thoracic and Thoracolumbar Spinal Tuberculosis. <i>Journal of Spinal Disorders and Techniques</i> , 2006, 19, 595-602.	1.9	121
77	Isolated recurrence of intracerebral granulocytic sarcoma in acute lymphoblastic leukemia: a case report. <i>Journal of Neuro-Oncology</i> , 2006, 80, 101-104.	2.9	24
78	Inflammatory pseudotumor of the spinal nerve complicated by paraneoplastic pemphigus. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 514.	1.7	2