

# Dong-Ho Lee

## List of Publications by Year in descending order

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85  
papers

1,627  
citations

331670

21  
h-index

330143

37  
g-index

85  
all docs

85  
docs citations

85  
times ranked

1923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term clinical study and multiscale analysis of in vivo biodegradation mechanism of Mg alloy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 716-721.	7.1	337
2	Methods to Decrease Postoperative Infections Following Posterior Cervical Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2013, 95, 549-554.	3.0	129
3	What Is the Fate of Pseudarthrosis Detected 1 Year After Anterior Cervical Discectomy and Fusion?. Spine, 2018, 43, E23-E28.	2.0	64
4	Effect of osteoporosis on the clinical and radiological outcomes following one-level posterior lumbar interbody fusion. Journal of Orthopaedic Science, 2018, 23, 870-877.	1.1	59
5	Optimal entry points and trajectories for cervical pedicle screw placement into subaxial cervical vertebrae. European Spine Journal, 2011, 20, 905-911.	2.2	54
6	Laminar Closure After Classic Hirabayashi Open-Door Laminoplasty. Spine, 2011, 36, E1634-E1640.	2.0	49
7	Effect of one- or two-level posterior lumbar interbody fusion on global sagittal balance. Spine Journal, 2017, 17, 1794-1802.	1.3	41
8	Preoperative embolization in patients with metastatic spinal cord compression: mandatory or optional?. World Journal of Surgical Oncology, 2017, 15, 45.	1.9	40
9	Anterior cervical plating technique to prevent adjacent-level ossification development. Spine Journal, 2013, 13, 823-829.	1.3	38
10	Magnesium ions facilitate integrin alpha 2- and alpha 3-mediated proliferation and enhance alkaline phosphatase expression and activity in hBMSCs. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, E527-E536.	2.7	37
11	Is it enough to stop distal fusion at L3 in adolescent idiopathic scoliosis with major thoracolumbar/lumbar curves?. European Spine Journal, 2016, 25, 3256-3264.	2.2	34
12	Reoperations Following Cervical Disc Replacement. Asian Spine Journal, 2015, 9, 471.	2.0	34
13	Comprehensive study on the roles of released ions from biodegradable Mg-5Åwt% Ca-1Åwt% Zn alloy in bone regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2710-2724.	2.7	33
14	Thoracic Pedicle Screw Insertion in Scoliosis Using Posteroanterior C-arm Rotation Method. Journal of Spinal Disorders and Techniques, 2007, 20, 66-71.	1.9	32
15	Five major controversial issues about fusion level selection in corrective surgery for adolescent idiopathic scoliosis: a narrative review. Spine Journal, 2017, 17, 1033-1044.	1.3	32
16	A retrospective study to reveal the effect of surgical correction of cervical kyphosis on thoraco-lumbo-pelvic sagittal alignment. European Spine Journal, 2016, 25, 2286-2293.	2.2	31
17	A novel anterior decompression technique (vertebral body sliding osteotomy) for ossification of posterior longitudinal ligament of the cervical spine. Spine Journal, 2018, 18, 1099-1105.	1.3	30
18	A retrospective study to reveal factors associated with postoperative shoulder imbalance in patients with adolescent idiopathic scoliosis with double thoracic curve. Journal of Neurosurgery: Pediatrics, 2016, 18, 744-752.	1.3	28

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19	Does stopping at C7 in long posterior cervical fusion accelerate the symptomatic breakdown of cervicothoracic junction?. PLoS ONE, 2019, 14, e0217792.	2.5	28
20	The clinical importance of sacral slanting in patients with adolescent idiopathic scoliosis undergoing surgery. Spine Journal, 2015, 15, 834-840.	1.3	26
21	Revision surgeries following artificial disc replacement of cervical spine. Acta Orthopaedica Et Traumatologica Turcica, 2016, 50, 610-618.	0.8	26
22	Does Additional Uncinate Resection Increase Pseudarthrosis Following Anterior Cervical Discectomy and Fusion?. Spine, 2018, 43, 97-104.	2.0	24
23	A novel technique to correct kyphosis in cervical myelopathy due to continuous-type ossification of the posterior longitudinal ligament. Journal of Neurosurgery: Spine, 2017, 26, 325-330.	1.7	23
24	Safety and Efficacy of a Novel Anterior Decompression Technique for Ossification of Posterior Longitudinal Ligament of the Cervical Spine. Journal of the American Academy of Orthopaedic Surgeons, The, 2020, 28, 332-341.	2.5	21
25	Radiological risk factors for progression of ossification of posterior longitudinal ligament following laminoplasty. Spine Journal, 2018, 18, 1116-1121.	1.3	20
26	Preoperative Magnetic Resonance Imaging Evaluation in Patients with Adolescent Idiopathic Scoliosis. Asian Spine Journal, 2017, 11, 37-43.	2.0	20
27	Spontaneous correction of coronal imbalance after selective thoracolumbar-lumbar fusion in patients with Lenke-5C adolescent idiopathic scoliosis. Spine Journal, 2018, 18, 1822-1828.	1.3	18
28	Multilevel posterior foraminotomy with laminoplasty versus laminoplasty alone for cervical spondylotic myelopathy with radiculopathy: a comparative study. Spine Journal, 2018, 18, 414-421.	1.3	18
29	Preoperative Radiographic Parameters to Predict a Higher Pseudarthrosis Rate After Anterior Cervical Discectomy and Fusion. Spine, 2017, 42, 1772-1778.	2.0	16
30	Patterns of Treatment for Metastatic Pathological Fractures of the Spine: The Efficacy of Each Treatment Modality. Clinics in Orthopedic Surgery, 2015, 7, 476.	2.2	15
31	Association between Sacral Slanting and Adjacent Structures in Patients with Adolescent Idiopathic Scoliosis. Clinics in Orthopedic Surgery, 2017, 9, 57.	2.2	14
32	Effect of overcorrection on proximal junctional kyphosis in adult spinal deformity: analysis by age-adjusted ideal sagittal alignment. Spine Journal, 2022, 22, 635-645.	1.3	14
33	Vertebral Body Sliding Osteotomy for Cervical Myelopathy With Rigid Kyphosis. Neurospine, 2020, 17, 640-647.	2.9	13
34	Can C3 Laminectomy Reduce Interlaminar Bony Fusion and Preserve the Range of Motion After Cervical Laminoplasty?. Spine, 2016, 41, 1884-1890.	2.0	12
35	Preoperative Halo Traction for Severe Scoliosis. Spine, 2020, 45, E1158-E1165.	2.0	11
36	A novel anterior decompression technique for kyphosis line (K-line) ossification of posterior longitudinal ligament (OPLL): vertebral body sliding osteotomy. Journal of Spine Surgery, 2020, 6, 196-204.	1.2	11

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37	Improvement in cervical lordosis and sagittal alignment after vertebral body sliding osteotomy in patients with cervical spondylotic myelopathy and kyphosis. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 307-315.	1.7	11
38	Association Between Vertebral Rotation Pattern and Curve Morphology in Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2020, 143, e243-e252.	1.3	10
39	Fusion and subsidence rates of vertebral body sliding osteotomy: Comparison of 3 reconstructive techniques for multilevel cervical myelopathy. <i>Spine Journal</i> , 2021, 21, 1089-1098.	1.3	10
40	Radiological Parameters of Undegenerated Cervical Vertebral Segments in a Korean Population. <i>Clinics in Orthopedic Surgery</i> , 2017, 9, 63.	2.2	9
41	Anterior Cervical Debridement and Fusion for Cervical Pyogenic Spondylodiscitis. <i>Spine</i> , 2020, 45, 431-437.	2.0	9
42	The influence of spinopelvic morphologies on sagittal spinal alignment: an analysis of incidence angle of inflection points. <i>European Spine Journal</i> , 2020, 29, 831-839.	2.2	9
43	Esophageal Perforation after Anterior Cervical Spine Surgery. <i>Asian Spine Journal</i> , 2019, 13, 976-983.	2.0	9
44	Neglected esophageal perforation after upper thoracic vertebral fracture. <i>Spine Journal</i> , 2011, 11, 1146-1151.	1.3	8
45	Feasibility of CaO-SiO <sub>2</sub> -P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> Bioactive Glass Ceramic Cage in Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , 2020, 141, e358-e366.	1.3	8
46	The association between atlantoaxial instability and anomalies of vertebral artery and axis. <i>Spine Journal</i> , 2022, 22, 249-255.	1.3	8
47	Lumbar Cryptococcal Osteomyelitis Mimicking Metastatic Tumor. <i>Asian Spine Journal</i> , 2015, 9, 798.	2.0	8
48	Progression of trunk imbalance in adolescent idiopathic scoliosis with a thoracolumbar/lumbar curve: is it predictable at the initial visit?. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 450-455.	1.3	6
49	How Does Screw Migration or Fracture After Anterior Cervical Plate Fixation Affect the Radiographic and Clinical Outcomes?. <i>Clinical Spine Surgery</i> , 2019, 32, 398-402.	1.3	6
50	Sustained Postoperative Fever Without Evident Cause After Spine Instrumentation as an Indicator of Surgical Site Infection. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1434-1444.	3.0	6
51	Is the Combination of Convex Compression for the Proximal Thoracic Curve and Concave Distraction for the Main Thoracic Curve Using Separate-rod Derotation Effective for Correcting Shoulder Balance and Thoracic Kyphosis?. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1347-1356.	1.5	6
52	Posterior Correction of Adolescent Idiopathic Scoliosis with High-Density Pedicle Screw-Only Constructs: 5 Years of Follow-Up. <i>Yonsei Medical Journal</i> , 2020, 61, 323.	2.2	6
53	Cervical Spinal Cord Dimensions and Clinical Outcomes in Adults with Klippel-Feil Syndrome: A Comparison with Matched Controls. <i>Global Spine Journal</i> , 2014, 4, 217-221.	2.3	5
54	L1 incidence reflects pelvic incidence and lumbar lordosis mismatch in sagittal balance evaluation. <i>Medicine (United States)</i> , 2018, 97, e11668.	1.0	5

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55	Effectiveness of C2 Incidence Angle for Evaluating Global Spinopelvic Alignment in Patients with Mild Degenerative Spondylosis. <i>World Neurosurgery</i> , 2019, 127, e826-e834.	1.3	5
56	Significance of Vertebral Body Sliding Osteotomy as a Surgical Strategy for the Treatment of Cervical Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2022, 12, 1074-1083.	2.3	5
57	Fate of Ossification of Posterior Longitudinal Ligament Following Anterior Cervical Fusion: Progression of Cervical Ossification of Posterior Longitudinal Ligament After Vertebral Body Sliding Osteotomy or Laminoplasty. <i>World Neurosurgery</i> , 2021, 146, e1270-e1277.	1.3	5
58	Prediction of long-term postoperative results of disc wedge and vertebral tilt with intraoperative prone radiograph in posterior correction of thoracolumbar/lumbar curve in adolescent idiopathic scoliosis: a minimum 5-year follow-up. <i>Spine Journal</i> , 2022, 22, 463-471.	1.3	5
59	Double Dome Laminoplasty: A Novel Technique for C2 Decompression. <i>Neurospine</i> , 2021, 18, 882-888.	2.9	5
60	Bowel Injury and Insidious Pneumoperitoneum after Lateral Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2022, 16, 486-492.	2.0	4
61	Does Sacral Slanting Affect Distal Adding-on in Lenke Type 1A Adolescent Idiopathic Scoliosis?. <i>Spine</i> , 2018, 43, E990-E997.	2.0	3
62	Clinical and radiological outcomes in patients who underwent posterior lumbar interbody fusion: comparisons between unilateral and bilateral cage insertion. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 963.	1.9	3
63	Risk Factors for Adjacent Segment Disease After Lumbar Fusion. <i>Journal of Korean Society of Spine Surgery</i> , 2008, 15, 44.	0.3	2
64	Adjacent Level Ossification Development Following Anterior Cervical Fusion. <i>Spine</i> , 2020, 45, E1469-E1475.	2.0	2
65	The Kappa Line as a Regional Modification of the K-line. <i>Clinical Spine Surgery</i> , 2022, 35, E7-E12.	1.3	2
66	Subclinical gait disturbance and postoperative gait improvement in patients with degenerative cervical myelopathy. <i>Scientific Reports</i> , 2021, 11, 11179.	3.3	2
67	Cervical spine lateral radiograph versus whole spine lateral radiograph. <i>Medicine (United States)</i> , 2021, 100, e25987.	1.0	2
68	Agreement on the Level Selection in Laminoplasty among Experienced Surgeons: A Survey-Based Study. <i>Asian Spine Journal</i> , 2016, 10, 663.	2.0	2
69	Risk Factors for Worsening of Sagittal Imbalance After Revision Posterior Fusion Surgery in Patients With Adjacent Segment Disease. <i>World Neurosurgery</i> , 2022, 158, e914-e921.	1.3	2
70	The medial window technique as a salvage method to insert C2 pedicle screw in the case of a high-riding vertebral artery or narrow pedicle: a technical note and case series. <i>European Spine Journal</i> , 2022, , 1.	2.2	2
71	Relationship Between C2 Semispinalis Cervicis Preservation and C2 Spinous Process Morphology During Cervical Laminoplasty Involving C3. <i>Global Spine Journal</i> , 2023, 13, 1938-1945.	2.3	2
72	A CT-Based Simulation Study to Compare the Risk of Facet Joint Violation by the Cervical Pedicle Screw Between Degenerative and Nondegenerative Cervical Spines. <i>Spine</i> , 2017, 42, E136-E141.	2.0	1

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73	Laryngoscopic Screening Before Revision Anterior Cervical Spine Surgery. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	1
74	Feasibility of lateral mass screw insertion in patients with the risky triad of C1: evaluation of the over-the-arch technique. Journal of Neurosurgery: Spine, 2022, 36, 822-829.	1.7	1
75	Early-Onset Facioscapulohumeral Muscular Dystrophy - Significance of Pelvic Extensor in Sagittal Spinal Imbalance -. The Journal of the Korean Orthopaedic Association, 2008, 43, 379.	0.1	0
76	Herpes Zoster Confused with Radiculopathy. The Journal of the Korean Orthopaedic Association, 2008, 43, 405.	0.1	0
77	TO THE EDITOR:. Spine, 2017, 42, E1155-E1156.	2.0	0
78	Referral patterns and patient characteristics at the first visit to a scoliosis center: a 2-year experience in South Korea without a school scoliosis-screening program. Journal of Neurosurgery: Pediatrics, 2018, 21, 414-420.	1.3	0
79	TO THE EDITOR:. Spine, 2018, 43, E980-E981.	2.0	0
80	Vertebral Body Rotational Osteotomy for Decompressing an Eccentrically Protruded Ossification of the Posterior Longitudinal Ligament. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	0
81	A Novel Concept for the Best Coronal Alignment of Pedicle Screws in Multilevel Lumbar Posterior Instrumentation - A Technical Note -. Journal of Korean Society of Spine Surgery, 2008, 15, 96.	0.3	0
82	Thoracic Vertebral Fracture due to Spinal Tuberculosis which was Misdiagnosed as Metastatic Cancer: A Case Report. Journal of Korean Society of Spine Surgery, 2015, 22, 55.	0.0	0
83	Which Criterion Is More Reliable for Selecting the Distal Fusion Level in Cases of Adolescent Idiopathic Scoliosis with Structural Thoracolumbar/Lumbar Curves: Static or Dynamic?. Journal of Korean Society of Spine Surgery, 2019, 26, 132.	0.0	0
84	Foraminal Restenosis After Posterior Cervical Foraminotomy for the Treatment of Cervical Radiculopathy. Global Spine Journal, 2022, , 219256822210832.	2.3	0
85	What Type of Incision for Anterior Cervical Spine Surgery Involving Long Segments Can Bring Better Cosmetic and Functional Outcomes?. Neurospine, 2022, , .	2.9	0