

Philip K Louie

List of Publications by Year in descending order

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110
papers

1,401
citations

394421

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526287

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111
all docs

111
docs citations

111
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Density Distribution in the Cervical Spine. <i>Global Spine Journal</i> , 2024, 14, 169-176.	2.3	4
2	Telemedicine in Spine Surgery: Global Perspectives and Practices. <i>Global Spine Journal</i> , 2023, 13, 1200-1211.	2.3	11
3	Spine Surgery and COVID-19: The Influence of Practice Type on Preparedness, Response, and Economic Impact. <i>Global Spine Journal</i> , 2022, 12, 249-262.	2.3	9
4	Factors Affecting the Decision to Initiate Anticoagulation After Spine Surgery: Findings From the AOSpine Anticoagulation Global Initiative. <i>Global Spine Journal</i> , 2022, 12, 548-558.	2.3	2
5	The Modicâ€ndplateâ€complex phenotype in cervical spine patients: Association with symptoms and outcomes. <i>Journal of Orthopaedic Research</i> , 2022, 40, 449-459.	2.3	6
6	Appropriate Telemedicine Utilization in Spine Surgery. <i>Spine</i> , 2022, 47, 583-590.	2.0	12
7	The impact of interbody approach and lumbar level on segmental, adjacent, and sagittal alignment in degenerative lumbar pathology: a radiographic analysis six months following surgery. <i>Spine Journal</i> , 2022, 22, 1318-1324.	1.3	9
8	Preliminary Evaluation of Standing Full-Length Plain Radiographs Utility in an Adult Degenerative Spine Practice. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2022, 30, e348-e360.	2.5	2
9	Artificial intelligence in predicting early-onset adjacent segment degeneration following anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2022, 31, 2104-2114.	2.2	9
10	The Impact of Surgical Approach on Sagittal Plane Alignment in Patients Undergoing One- or Two-Level Fusions for Degenerative Pathology: A Multicenter Radiographic Evaluation 6 Months Following Surgery. <i>World Neurosurgery</i> , 2022, 164, e311-e317.	1.3	1
11	Combining time-driven activity-based costing and lean methodology: an initial study of single-level lumbar fusion surgery to assess value-based healthcare in patients undergoing spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 639-645.	1.7	1
12	Classification system for cervical spine deformity morphology: a validation study. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 865-873.	1.7	1
13	Cervical spine MRI phenotypes and prediction of pain, disability and adjacent segment degeneration/disease after ACDF. <i>Journal of Orthopaedic Research</i> , 2021, 39, 657-670.	2.3	13
14	Does the Number of Levels Fused Affect Spinopelvic Parameters and Clinical Outcomes Following Posterolateral Lumbar Fusion for Low-Grade Spondylolisthesis?. <i>Global Spine Journal</i> , 2021, 11, 116-121.	2.3	7
15	Intelligence-Based Spine Care Model: A New Era of Research and Clinical Decision-Making. <i>Global Spine Journal</i> , 2021, 11, 135-145.	2.3	24
16	Morphometric analysis of cervical interlaminar space for posterior surgical approach and decompression. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 873-879.	1.2	1
17	Spine surgeon perceptions of the challenges and benefits of telemedicine: an international study. <i>European Spine Journal</i> , 2021, 30, 2124-2132.	2.2	28
18	Technique, Time Demand, Radiation Exposure, and Outcomes of Skin-anchored Intraoperative 3D Navigation in Minimally Invasive Posterior Cervical Laminoforaminotomy. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	1.3	3

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19	The Expanding Frontier of Outpatient Spine Surgery. <i>International Journal of Spine Surgery</i> , 2021, 15, 266-273.	1.5	9
20	Development and Initial Internal Validation of a Novel Classification System for Perioperative Expectations Following Minimally Invasive Degenerative Lumbar Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, 34, E537-E544.	1.3	15
21	Patients Undergoing 3-Level-or-Greater Decompression-Only Surgery for Lumbar Spinal Stenosis Have Similar Outcomes to Those Undergoing Single-Level Surgery at 2 Years. <i>International Journal of Spine Surgery</i> , 2021, 15, 8124.	1.5	2
22	COVID-19 and the rise of virtual medicine in spine surgery: a worldwide study. <i>European Spine Journal</i> , 2021, 30, 2133-2142.	2.2	17
23	Telemedicine in research and training: spine surgeon perspectives and practices worldwide. <i>European Spine Journal</i> , 2021, 30, 2143-2149.	2.2	6
24	Risk Factors Associated With Development of Urinary Retention Following Posterior Lumbar Spinal Fusion: Special Attention to the Use of Glycopyrrrolate in Anesthesia Reversal. <i>Spine</i> , 2021, 46, E133-E138.	2.0	10
25	Use of Higher-strength Opioids has a Dose-Dependent Association With Reoperations After Lumbar Decompression and Interbody Fusion Surgery. <i>Spine</i> , 2021, 46, E203-E212.	2.0	6
26	Preoperative Hounsfield Units at the Planned Upper Instrumented Vertebrae May Predict Proximal Junctional Kyphosis in Adult Spinal Deformity. <i>Spine</i> , 2021, 46, E174-E180.	2.0	27
27	Assessing the Early Impact of the COVID-19 Pandemic on Spine Surgery Fellowship Education. <i>Clinical Spine Surgery</i> , 2021, 34, E186-E193.	1.3	8
28	Narrative Review of Antiplatelet and Anticoagulant Medications for Venous Thromboembolism Prevention in Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	1.3	0
29	Utilizing Lean Methodology and Time-Driven Activity-Based Costing Together. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 2229-2236.	3.0	8
30	Duration of Symptoms Does Not Affect Clinical Outcome After Lumbar Arthrodesis. <i>Clinical Spine Surgery</i> , 2021, 34, E72-E79.	1.3	6
31	Do Clinical Outcomes and Sagittal Parameters Differ Between Diabetics and Nondiabetics for Degenerative Spondylolisthesis Undergoing Lumbar Fusion?. <i>Global Spine Journal</i> , 2020, 10, 286-293.	2.3	1
32	Effect of local retropharyngeal steroids on fusion rate after anterior cervical discectomy and fusion. <i>Spine Journal</i> , 2020, 20, 261-265.	1.3	9
33	Patients with predominantly back pain at the time of lumbar fusion for low-grade spondylolisthesis experience similar clinical improvement to patients with predominantly leg pain: mid-term results. <i>Spine Journal</i> , 2020, 20, 276-282.	1.3	10
34	Improvements in Back and Leg Pain After Minimally Invasive Lumbar Decompression. <i>HSS Journal</i> , 2020, 16, 62-71.	1.7	6
35	Does obesity impact lumbar sagittal alignment and clinical outcomes after a posterior lumbar spine fusion?. <i>European Spine Journal</i> , 2020, 29, 340-348.	2.2	9
36	Etiology-Based Classification of Adjacent Segment Disease Following Lumbar Spine Fusion. <i>HSS Journal</i> , 2020, 16, 130-136.	1.7	12

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37	Does increasing age impact clinical and radiographic outcomes following lumbar spinal fusion?. Spine Journal, 2020, 20, 563-571.	1.3	15
38	Commentary: Enhanced Recovery After Surgery Reduces Postoperative Opioid Use and 90-Day Readmission Rates After Open Thoracolumbar Fusion for Adult Degenerative Deformity. Neurosurgery, 2020, 88, E133-E135.	1.1	0
39	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine. Journal of Bone and Joint Surgery - Series A, 2020, 102, e109.	3.0	17
40	Cervical Spine Endplate Abnormalities and Association With Pain, Disability, and Adjacent Segment Degeneration After Anterior Cervical Discectomy and Fusion. Spine, 2020, 45, E917-E926.	2.0	15
41	High-Intensity Zones on MRI of the Cervical Spine in Patients: Epidemiology and Association With Pain and Disability. Global Spine Journal, 2020, , 219256822096632.	2.3	1
42	Provider confidence in the telemedicine spine evaluation: results from a global study. European Spine Journal, 2020, 30, 2109-2123.	2.2	19
43	Early Peri-operative Outcomes Were Unchanged in Patients Undergoing Spine Surgery During the COVID-19 Pandemic in New York City. HSS Journal, 2020, 16, 77-84.	1.7	8
44	Patient Reported Outcomes in Patients Who Stop Following Up. Spine, 2020, 45, 1435-1442.	2.0	16
45	COVID-19: Current and future challenges in spine care and education—a worldwide study. JOR Spine, 2020, 3, e1122.	3.2	6
46	Commentary: Relationship Between Preoperative Opioid Use and Postoperative Pain in Patients Undergoing Minimally-Invasive Stand-Alone Lateral Lumbar Interbody Fusion. Neurosurgery, 2020, 87, E625-E627.	1.1	0
47	Reaching for Peak Performance During Surgical Training: The Value in Assessment Tools and Critical Performance Measures. Journal of the American Academy of Orthopaedic Surgeons, The, 2020, 28, e744-e751.	2.5	8
48	The Impact of COVID-19 Pandemic on Spine Surgeons Worldwide. Global Spine Journal, 2020, 10, 534-552.	2.3	50
49	Perioperative Anticoagulation Management in Spine Surgery: Initial Findings From the AO Spine Anticoagulation Global Survey. Global Spine Journal, 2020, 10, 512-527.	2.3	17
50	The Global Spine Community and COVID-19. Spine, 2020, 45, E754-E757.	2.0	5
51	Learning from the past: did experience with previous epidemics help mitigate the impact of COVID-19 among spine surgeons worldwide?. European Spine Journal, 2020, 29, 1789-1805.	2.2	11
52	Using Patient Engagement Platforms in the Postoperative Management of Patients. Current Reviews in Musculoskeletal Medicine, 2020, 13, 479-484.	3.5	23
53	Imaging in Spine Surgery: Current Concepts and Future Directions. Spine Surgery and Related Research, 2020, 4, 99-110.	0.7	31
54	Sagittal Balance in Adult Idiopathic Scoliosis. Clinical Spine Surgery, 2020, 33, 53-61.	1.3	4

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55	Spine fellowship training reorganizing during a pandemic: perspectives from a tertiary orthopedic specialty center in the epicenter of outbreak. <i>Spine Journal</i> , 2020, 20, 1381-1385.	1.3	16
56	Radiographic Fusion Rates Following a Stand-alone Interbody Cage Versus an Anterior Plate Construct for Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2020, 45, 713-717.	2.0	6
57	Rigid-Plating and Cortico-Cancellous Allograft Are Effective for 3-Level Anterior Cervical Discectomy and Fusion: Radiographic and Clinical Outcomes. <i>Neurospine</i> , 2020, 17, 146-155.	2.9	8
58	The Impact of Modic Changes on Preoperative Symptoms and Clinical Outcomes in Anterior Cervical Discectomy and Fusion Patients. <i>Neurospine</i> , 2020, 17, 190-203.	2.9	9
59	Personal Health of Spine Surgeons Can Impact Perceptions, Decision-Making and Healthcare Delivery During the COVID-19 Pandemic - A Worldwide Study. <i>Neurospine</i> , 2020, 17, 313-330.	2.9	3
60	Minimally Invasive Transforaminal Lumbar Interbody Fusion: Comparison of Isthmic Versus Degenerative Spondylolisthesis. <i>International Journal of Spine Surgery</i> , 2020, 14, 115-124.	1.5	9
61	Improvements in Back and Leg Pain Following a Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>International Journal of Spine Surgery</i> , 2020, 14, 745-755.	1.5	9
62	High-Grade Spondylolisthesis in Adults: Current Concepts in Evaluation and Management. <i>International Journal of Spine Surgery</i> , 2020, 14, 327-340.	1.5	19
63	Change in rates of primary atlantoaxial spinal fusion surgeries in the United States (1993-2015). <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 900-906.	1.7	2
64	Minimally Invasive Transforaminal Lumbar Interbody Fusion: Comparison of Grade I Versus Grade II Isthmic Spondylolisthesis. <i>International Journal of Spine Surgery</i> , 2020, 14, 108-114.	1.5	4
65	Revision Strategies for Harrington Rod Instrumentation: Radiographic Outcomes and Complications. <i>Global Spine Journal</i> , 2020, , 219256822096075.	2.3	5
66	Radiographic Evaluation of Cervical Disk Replacement. <i>Clinical Spine Surgery</i> , 2020, 33, 370-377.	1.3	2
67	A Novel, Automated Text-Messaging System Is Effective in Patients Undergoing Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 145-151.	3.0	45
68	Clinical Presentation and Outcomes of Patients With a Lumbar Far Lateral Herniated Nucleus Pulposus as Compared to Those With a Central or Paracentral Herniation. <i>Global Spine Journal</i> , 2019, 9, 480-486.	2.3	11
69	Utilization and Economic Impact of Posterolateral Fusion and Posterior/Transforaminal Lumbar Interbody Fusion Surgeries in the United States. <i>Global Spine Journal</i> , 2019, 9, 185-190.	2.3	22
70	Obesity does not impact clinical outcome but affects cervical sagittal alignment and adjacent segment degeneration in short term follow-up after an anterior cervical decompression and fusion. <i>Spine Journal</i> , 2019, 19, 1146-1153.	1.3	8
71	Assessment of Association Between Spino-Pelvic Parameters and Outcomes Following Gluteus Medius Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1092-1098.	2.7	14
72	Sagittal Imbalance Does Not Influence Cup Anteversion in Total Hip Arthroplasty Dislocations. <i>Clinical Spine Surgery</i> , 2019, 32, E31-E36.	1.3	7

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73	The Duration of Symptoms Does Not Impact Clinical Outcomes Following Lumbar Decompression Surgery. <i>Spine</i> , 2019, 44, 305-308.	2.0	15
74	Does the Duration of Cervical Radicular Symptoms Impact Outcomes After Anterior Cervical Discectomy and Fusion?. <i>Clinical Spine Surgery</i> , 2019, 32, 387-391.	1.3	10
75	Metastatic Renal Cell Carcinoma to the Spine and the Extremities. <i>JBJS Reviews</i> , 2019, 7, e7-e7.	2.0	6
76	Comparison of Stand-alone Lateral Lumbar Interbody Fusion Versus Open Laminectomy and Posterolateral Instrumented Fusion in the Treatment of Adjacent Segment Disease Following Previous Lumbar Fusion Surgery. <i>Spine</i> , 2019, 44, E1461-E1469.	2.0	36
77	The Effect of Preoperative Symptom Duration on Postoperative Outcomes After a Tubular Lumbar Microdiscectomy. <i>Clinical Spine Surgery</i> , 2019, 32, E27-E30.	1.3	9
78	Low back pain in children: a rising concern. <i>European Spine Journal</i> , 2019, 28, 211-213.	2.2	22
79	Comparing Allografts to Autografts for Maintenance of Cervical Sagittal Parameters and Clinical Outcomes Following Anterior Cervical Discectomy and Fusion With Anterior Cervical Plating. <i>Neurospine</i> , 2019, 16, 618-625.	2.9	6
80	All-posterior total en bloc spondylectomy for thoracic spinal tumors. <i>Annals of Translational Medicine</i> , 2019, 7, 227-227.	1.7	3
81	Stand-alone lateral lumbar interbody fusion for the treatment of symptomatic adjacent segment degeneration following previous lumbar fusion. <i>Spine Journal</i> , 2018, 18, 2025-2032.	1.3	54
82	Changes in Lumbar Endplate Area and Concavity Associated With Disc Degeneration. <i>Spine</i> , 2018, 43, E1127-E1134.	2.0	11
83	Sex Differences for Anterior Cervical Fusion. <i>Spine</i> , 2018, 43, 1025-1030.	2.0	20
84	Sagittal spinopelvic malalignment in degenerative scoliosis patients: isolated correction of symptomatic levels and clinical decision-making. <i>Scoliosis and Spinal Disorders</i> , 2018, 13, 28.	2.3	5
85	National Trends for Primary and Revision Lumbar Disc Arthroplasty Throughout the United States. <i>Global Spine Journal</i> , 2018, 8, 172-177.	2.3	15
86	Multi- versus single-level anterior cervical discectomy and fusion: comparing sagittal alignment, early adjacent segment degeneration, and clinical outcomes. <i>European Spine Journal</i> , 2018, 27, 2745-2753.	2.2	37
87	UPPER CERVICAL RADICULOPATHY: THE HIDDEN PATHOLOGY OF THE SPINE. <i>Spine Surgery and Related Research</i> , 2018, 2, 93-97.	0.7	7
88	Postoperative Fever Evaluation Following Lumbar Fusion Procedures. <i>Neurospine</i> , 2018, 15, 154-162.	2.9	12
89	Innovation and Entrepreneurship: Perspectives From Orthopedic Surgery. <i>Orthopedics</i> , 2018, 41, 135-140.	1.1	5
90	Involvement of Residents Does Not Increase Postoperative Complications After Open Reduction Internal Fixation of Ankle Fractures: An Analysis of 3251 Cases. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 492-496.	1.0	14

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91	Multimodal Analgesia Versus Intravenous Patient-Controlled Analgesia for Minimally Invasive Transforaminal Lumbar Interbody Fusion Procedures. <i>Spine</i> , 2017, 42, 1145-1150.	2.0	45
92	Return to Golf After Lumbar Fusion. <i>Sports Health</i> , 2017, 9, 280-284.	2.7	15
93	Effect of Surgeon Volume on Complications, Length of Stay, and Costs Following Anterior Cervical Fusion. <i>Spine</i> , 2017, 42, 394-399.	2.0	21
94	Stability-preserving decompression in degenerative versus congenital spinal stenosis: demographic patterns and patient outcomes. <i>Spine Journal</i> , 2017, 17, 1420-1425.	1.3	9
95	Improvements in Neck and Arm Pain Following an Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2017, 42, E825-E832.	2.0	34
96	There is no increased risk of adjacent segment disease at the cervicothoracic junction following an anterior cervical discectomy and fusion to C7. <i>Spine Journal</i> , 2017, 17, 1264-1271.	1.3	20
97	Radiographic Analysis of Psoas Morphology and its Association With Neurovascular Structures at L4-5 With Reference to Lateral Approaches. <i>Spine</i> , 2017, 42, E1386-E1392.	2.0	26
98	Patient knowledge regarding radiation exposure from spinal imaging. <i>Spine Journal</i> , 2017, 17, 305-312.	1.3	19
99	Increasing medical student exposure to musculoskeletal medicine: the initial impact of the Orthopaedic Surgery and Sports Medicine Interest Group. <i>Advances in Medical Education and Practice</i> , 2017, Volume 8, 551-558.	1.5	11
100	Allograft Reconstruction for Sarcomas of the Tibia. <i>The Open Orthopaedics Journal</i> , 2017, 11, 189-194.	0.2	12
101	Malignant Transformation of Synovial Chondromatosis: A Systematic Review. <i>The Open Orthopaedics Journal</i> , 2017, 11, 517-524.	0.2	31
102	Superior Mesenteric Artery Syndrome as a Complication of Scoliosis Surgery. <i>American Journal of Orthopedics</i> , 2017, 46, E124-E130.	0.7	5
103	Subscapularis Tenotomy Versus Lesser Tuberosity Osteotomy for Total Shoulder Arthroplasty: A Systematic Review. <i>American Journal of Orthopedics</i> , 2017, 46, E131-E138.	0.7	9
104	Effects of Intraoperative Anesthetic Medications on Postoperative Urinary Retention After Single-Level Lumbar Fusion. <i>Spine</i> , 2016, 41, 1441-1446.	2.0	20
105	Effects of Intraoperative Anesthetic Medications on Postoperative Urinary Retention after Single Level Lumbar Fusion. <i>Spine Journal</i> , 2016, 16, S373-S374.	1.3	1
106	Spine Surgeon Selection Criteria: Factors Influencing Patient Choice. <i>Spine Journal</i> , 2016, 16, S145-S146.	1.3	2
107	Multimodal Versus Patient-Controlled Analgesia After an Anterior Cervical Decompression and Fusion. <i>Spine</i> , 2016, 41, 994-998.	2.0	35
108	Intraoperative neurophysiologic monitoring during spinal osteotomies. <i>Seminars in Spine Surgery</i> , 2015, 27, 222-228.	0.2	2

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109	Talonavicular joint coverage and bone morphology between different foot types. Journal of Orthopaedic Research, 2014, 32, 958-966.	2.3	35
110	Epidemiologic trends in the utilization, demographics, and cost of bone morphogenetic protein in spinal fusions. Current Reviews in Musculoskeletal Medicine, 2014, 7, 177-181.	3.5	13