

# Philip K Louie

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

1,401  
citations

393982

19  
h-index

525886

27  
g-index

111  
all docs

111  
docs citations

111  
times ranked

1480  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	54
2	The Impact of COVID-19 Pandemic on Spine Surgeons Worldwide. <i>Global Spine Journal</i> , 2020, 10, 534-552.	1.2	50
3	Multimodal Analgesia Versus Intravenous Patient-Controlled Analgesia for Minimally Invasive Transforaminal Lumbar Interbody Fusion Procedures. <i>Spine</i> , 2017, 42, 1145-1150.	1.0	45
4	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.	1.4	45
5	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.	1.0	37
6	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.	1.0	36
7	Talonavicular joint coverage and bone morphology between different foot types. <i>Journal of Orthopaedic Research</i> , 2014, 32, 958-966.	1.2	35
8	Multimodal Versus Patient-Controlled Analgesia After an Anterior Cervical Decompression and Fusion. <i>Spine</i> , 2016, 41, 994-998.	1.0	35
9	Improvements in Neck and Arm Pain Following an Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2017, 42, E825-E832.	1.0	34
10	Imaging in Spine Surgery: Current Concepts and Future Directions. <i>Spine Surgery and Related Research</i> , 2020, 4, 99-110.	0.4	31
11	Malignant Transformation of Synovial Chondromatosis: A Systematic Review. <i>The Open Orthopaedics Journal</i> , 2017, 11, 517-524.	0.1	31
12	Spine surgeon perceptions of the challenges and benefits of telemedicine: an international study. <i>European Spine Journal</i> , 2021, 30, 2124-2132.	1.0	28
13	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.	1.0	27
14	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.	1.0	26
15	Intelligence-Based Spine Care Model: A New Era of Research and Clinical Decision-Making. <i>Global Spine Journal</i> , 2021, 11, 135-145.	1.2	24
16	Using Patient Engagement Platforms in the Postoperative Management of Patients. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 479-484.	1.3	23
17	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.	1.2	22
18	Low back pain in children: a rising concern. <i>European Spine Journal</i> , 2019, 28, 211-213.	1.0	22

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19	Effect of Surgeon Volume on Complications, Length of Stay, and Costs Following Anterior Cervical Fusion. <i>Spine</i> , 2017, 42, 394-399.	1.0	21
20	Effects of Intraoperative Anesthetic Medications on Postoperative Urinary Retention After Single-Level Lumbar Fusion. <i>Spine</i> , 2016, 41, 1441-1446.	1.0	20
21	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.	0.6	20
22	Sex Differences for Anterior Cervical Fusion. <i>Spine</i> , 2018, 43, 1025-1030.	1.0	20
23	Patient knowledge regarding radiation exposure from spinal imaging. <i>Spine Journal</i> , 2017, 17, 305-312.	0.6	19
24	Provider confidence in the telemedicine spine evaluation: results from a global study. <i>European Spine Journal</i> , 2020, 30, 2109-2123.	1.0	19
25	High-Grade Spondylolisthesis in Adults: Current Concepts in Evaluation and Management. <i>International Journal of Spine Surgery</i> , 2020, 14, 327-340.	0.7	19
26	The 3 Sagittal Morphotypes That Define the Normal Cervical Spine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e109.	1.4	17
27	Perioperative Anticoagulation Management in Spine Surgery: Initial Findings From the AO Spine Anticoagulation Global Survey. <i>Global Spine Journal</i> , 2020, 10, 512-527.	1.2	17
28	COVID-19 and the rise of virtual medicine in spine surgery: a worldwide study. <i>European Spine Journal</i> , 2021, 30, 2133-2142.	1.0	17
29	Patient Reported Outcomes in Patients Who Stop Following Up. <i>Spine</i> , 2020, 45, 1435-1442.	1.0	16
30	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.	0.6	16
31	Return to Golf After Lumbar Fusion. <i>Sports Health</i> , 2017, 9, 280-284.	1.3	15
32	National Trends for Primary and Revision Lumbar Disc Arthroplasty Throughout the United States. <i>Global Spine Journal</i> , 2018, 8, 172-177.	1.2	15
33	The Duration of Symptoms Does Not Impact Clinical Outcomes Following Lumbar Decompression Surgery. <i>Spine</i> , 2019, 44, 305-308.	1.0	15
34	Does increasing age impact clinical and radiographic outcomes following lumbar spinal fusion?. <i>Spine Journal</i> , 2020, 20, 563-571.	0.6	15
35	Cervical Spine Endplate Abnormalities and Association With Pain, Disability, and Adjacent Segment Degeneration After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2020, 45, E917-E926.	1.0	15
36	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.	0.7	15

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37	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.	0.5	14
38	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.	1.3	14
39	Epidemiologic trends in the utilization, demographics, and cost of bone morphogenetic protein in spinal fusions. <i>Current Reviews in Musculoskeletal Medicine</i> , 2014, 7, 177-181.	1.3	13
40	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.	1.2	13
41	Etiology-Based Classification of Adjacent Segment Disease Following Lumbar Spine Fusion. <i>HSS Journal</i> , 2020, 16, 130-136.	0.7	12
42	Postoperative Fever Evaluation Following Lumbar Fusion Procedures. <i>Neurospine</i> , 2018, 15, 154-162.	1.1	12
43	Allograft Reconstruction for Sarcomas of the Tibia. <i>The Open Orthopaedics Journal</i> , 2017, 11, 189-194.	0.1	12
44	Appropriate Telemedicine Utilization in Spine Surgery. <i>Spine</i> , 2022, 47, 583-590.	1.0	12
45	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.	0.7	11
46	Changes in Lumbar Endplate Area and Concavity Associated With Disc Degeneration. <i>Spine</i> , 2018, 43, E1127-E1134.	1.0	11
47	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.	1.2	11
48	Learning from the past: did experience with previous epidemics help mitigate the impact of COVID-19 among spine surgeons worldwide?. <i>European Spine Journal</i> , 2020, 29, 1789-1805.	1.0	11
49	Telemedicine in Spine Surgery: Global Perspectives and Practices. <i>Global Spine Journal</i> , 2023, 13, 1200-1211.	1.2	11
50	Does the Duration of Cervical Radicular Symptoms Impact Outcomes After Anterior Cervical Discectomy and Fusion?. <i>Clinical Spine Surgery</i> , 2019, 32, 387-391.	0.7	10
51	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.	0.6	10
52	Risk Factors Associated With Development of Urinary Retention Following Posterior Lumbar Spinal Fusion: Special Attention to the Use of Glycopyrrolate in Anesthesia Reversal. <i>Spine</i> , 2021, 46, E133-E138.	1.0	10
53	Stability-preserving decompression in degenerative versus congenital spinal stenosis: demographic patterns and patient outcomes. <i>Spine Journal</i> , 2017, 17, 1420-1425.	0.6	9
54	The Effect of Preoperative Symptom Duration on Postoperative Outcomes After a Tubular Lumbar Microdiscectomy. <i>Clinical Spine Surgery</i> , 2019, 32, E27-E30.	0.7	9

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55	Effect of local retropharyngeal steroids on fusion rate after anterior cervical discectomy and fusion. <i>Spine Journal</i> , 2020, 20, 261-265.	0.6	9
56	Does obesity impact lumbar sagittal alignment and clinical outcomes after a posterior lumbar spine fusion?. <i>European Spine Journal</i> , 2020, 29, 340-348.	1.0	9
57	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.	1.2	9
58	The Expanding Frontier of Outpatient Spine Surgery. <i>International Journal of Spine Surgery</i> , 2021, 15, 266-273.	0.7	9
59	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.	1.1	9
60	Minimally Invasive Transforaminal Lumbar Interbody Fusion: Comparison of Isthmic Versus Degenerative Spondylolisthesis. <i>International Journal of Spine Surgery</i> , 2020, 14, 115-124.	0.7	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.	0.7	9
62	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
63	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.	0.6	9
64	Artificial intelligence in predicting early-onset adjacent segment degeneration following anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2022, 31, 2104-2114.	1.0	9
65	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.	0.6	8
66	Early Peri-operative Outcomes Were Unchanged in Patients Undergoing Spine Surgery During the COVID-19 Pandemic in New York City. <i>HSS Journal</i> , 2020, 16, 77-84.	0.7	8
67	Reaching for Peak Performance During Surgical Training: The Value in Assessment Tools and Critical Performance Measures. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, e744-e751.	1.1	8
68	Assessing the Early Impact of the COVID-19 Pandemic on Spine Surgery Fellowship Education. <i>Clinical Spine Surgery</i> , 2021, 34, E186-E193.	0.7	8
69	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.	1.1	8
70	Utilizing Lean Methodology and Time-Driven Activity-Based Costing Together. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 2229-2236.	1.4	8
71	UPPER CERVICAL RADICULOPATHY: THE HIDDEN PATHOLOGY OF THE SPINE. <i>Spine Surgery and Related Research</i> , 2018, 2, 93-97.	0.4	7
72	Sagittal Imbalance Does Not Influence Cup Anteversion in Total Hip Arthroplasty Dislocations. <i>Clinical Spine Surgery</i> , 2019, 32, E31-E36.	0.7	7

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73	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.	1.2	7
74	Metastatic Renal Cell Carcinoma to the Spine and the Extremities. <i>JBJS Reviews</i> , 2019, 7, e7-e7.	0.8	6
75	Improvements in Back and Leg Pain After Minimally Invasive Lumbar Decompression. <i>HSS Journal</i> , 2020, 16, 62-71.	0.7	6
76	COVID-19: Current and future challenges in spine care and education—a worldwide study. <i>JOR Spine</i> , 2020, 3, e1122.	1.5	6
77	The Modic-Endplate-complex phenotype in cervical spine patients: Association with symptoms and outcomes. <i>Journal of Orthopaedic Research</i> , 2022, 40, 449-459.	1.2	6
78	Telemedicine in research and training: spine surgeon perspectives and practices worldwide. <i>European Spine Journal</i> , 2021, 30, 2143-2149.	1.0	6
79	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.	1.0	6
80	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.	1.0	6
81	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.	1.1	6
82	Duration of Symptoms Does Not Affect Clinical Outcome After Lumbar Arthrodesis. <i>Clinical Spine Surgery</i> , 2021, 34, E72-E79.	0.7	6
83	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
84	The Global Spine Community and COVID-19. <i>Spine</i> , 2020, 45, E754-E757.	1.0	5
85	Innovation and Entrepreneurship: Perspectives From Orthopedic Surgery. <i>Orthopedics</i> , 2018, 41, 135-140.	0.5	5
86	Revision Strategies for Harrington Rod Instrumentation: Radiographic Outcomes and Complications. <i>Global Spine Journal</i> , 2020, , 219256822096075.	1.2	5
87	Superior Mesenteric Artery Syndrome as a Complication of Scoliosis Surgery. <i>American Journal of Orthopedics</i> , 2017, 46, E124-E130.	0.7	5
88	Sagittal Balance in Adult Idiopathic Scoliosis. <i>Clinical Spine Surgery</i> , 2020, 33, 53-61.	0.7	4
89	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.	0.7	4
90	Bone Density Distribution in the Cervical Spine. <i>Global Spine Journal</i> , 2024, 14, 169-176.	1.2	4

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91	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, .	0.7	3
92	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.	1.1	3
93	All-posterior total en bloc spondylectomy for thoracic spinal tumors. <i>Annals of Translational Medicine</i> , 2019, 7, 227-227.	0.7	3
94	Intraoperative neurophysiologic monitoring during spinal osteotomies. <i>Seminars in Spine Surgery</i> , 2015, 27, 222-228.	0.1	2
95	Spine Surgeon Selection Criteria: Factors Influencing Patient Choice. <i>Spine Journal</i> , 2016, 16, S145-S146.	0.6	2
96	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.	1.2	2
97	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.	0.7	2
98	Change in rates of primary atlantoaxial spinal fusion surgeries in the United States (1993â€“2015). <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 900-906.	0.9	2
99	Radiographic Evaluation of Cervical Disk Replacement. <i>Clinical Spine Surgery</i> , 2020, 33, 370-377.	0.7	2
100	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.	1.1	2
101	Effects of Intraoperative Anesthetic Medications on Postoperative Urinary Retention after Single Level Lumbar Fusion. <i>Spine Journal</i> , 2016, 16, S373-S374.	0.6	1
102	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.	1.2	1
103	High-Intensity Zones on MRI of the Cervical Spine in Patients: Epidemiology and Association With Pain and Disability. <i>Global Spine Journal</i> , 2020, , 219256822096632.	1.2	1
104	Morphometric analysis of cervical interlaminar space for posterior surgical approach and decompression. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 873-879.	0.6	1
105	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.	0.7	1
106	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.	0.9	1
107	Classification system for cervical spine deformity morphology: a validation study. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 865-873.	0.9	1
108	Commentary: Enhanced Recovery After Surgery Reduces Postoperative Opioid Use and 90-Day Readmission Rates After Open Thoracolumbar Fusion for Adult Degenerative Deformity. <i>Neurosurgery</i> , 2020, 88, E133-E135.	0.6	0

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109	Commentary: Relationship Between Preoperative Opioid Use and Postoperative Pain in Patients Undergoing Minimally-Invasive Stand-Alone Lateral Lumbar Interbody Fusion. <i>Neurosurgery</i> , 2020, 87, E625-E627.	0.6	0
110	Narrative Review of Antiplatelet and Anticoagulant Medications for Venous Thromboembolism Prevention in Spine Surgery. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	0.7	0