

Alexander P Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,569
citations

201385

27
h-index

214527

47
g-index

102
all docs

102
docs citations

102
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	Approach-related anatomical differences in patients with lumbo-sacral transitional vertebrae undergoing lumbar fusion surgery at level L4/5. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 1753-1759.	1.3	5
2	The predictive value of psoas and paraspinal muscle parameters measured on MRI for severe cage subsidence after standalone lateral lumbar interbody fusion. <i>Spine Journal</i> , 2023, 23, 42-53.	0.6	14
3	Low Back Pain Versus Back-Related Leg Pain: How Do Patient Expectations and Outcomes of Lumbar Spine Surgery Compare?. <i>HSS Journal</i> , 2022, 18, 83-90.	0.7	1
4	Impact of ultrasound-guided erector spinae plane block on outcomes after lumbar spinal fusion: a retrospective propensity score matched study of 242 patients. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 79-86.	1.1	18
5	Trabecular volumetric bone mineral density of the occipital bone at preferred screw placement sites measured by quantitative computed tomography. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1909-1917.	1.2	0
6	Early Outcomes of Three-Dimensional-Printed Porous Titanium versus Polyetheretherketone Cage Implantation for Stand-Alone Lateral Lumbar Interbody Fusion in the Treatment of Symptomatic Adjacent Segment Degeneration. <i>World Neurosurgery</i> , 2022, 162, e14-e20.	0.7	9
7	Preoperative MRI-based vertebral bone quality (VBQ) score assessment in patients undergoing lumbar spinal fusion. <i>Spine Journal</i> , 2022, 22, 1301-1308.	0.6	41
8	Procedure-Specific Complications Associated with Ultrasound-Guided Erector Spinae Plane Block for Lumbar Spine Surgery: A Retrospective Analysis of 342 Consecutive Cases. <i>Journal of Pain Research</i> , 2022, Volume 15, 655-661.	0.8	10
9	Dermal ultrasound measurements for bone quality assessment: An investigation of advanced glycation endproducts derived from confocal fluorescence microscopy. <i>Journal of Orthopaedic Research</i> , 2022, , .	1.2	2
10	Longitudinal Trends of Patient Demographics and Morbidity of Different Approaches in Lumbar Interbody Fusion: An Analysis Using the American College of Surgeons National Surgical Quality Improvement Program Database. <i>World Neurosurgery</i> , 2022, 164, e183-e193.	0.7	6
11	Bone quality in patients with osteoporosis undergoing lumbar fusion surgery: analysis of the MRI-based vertebral bone quality score and the bone microstructure derived from microcomputed tomography. <i>Spine Journal</i> , 2022, 22, 1642-1650.	0.6	24
12	The predictive value of a novel site-specific MRI-based bone quality assessment, endplate bone quality (EBQ), for severe cage subsidence among patients undergoing standalone lateral lumbar interbody fusion. <i>Spine Journal</i> , 2022, 22, 1875-1883.	0.6	13
13	Qualitative assessment of patients' perspectives and willingness to improve healthy lifestyle physical activity after lumbar surgery. <i>European Spine Journal</i> , 2021, 30, 200-207.	1.0	5
14	The effect of obesity, diabetes, and epidural steroid injection on regional volumetric bone mineral density measured by quantitative computed tomography in the lumbosacral spine. <i>European Spine Journal</i> , 2021, 30, 13-21.	1.0	4
15	Heel Lift for Skiing to Compensate for Corrected Sagittal Vertical Axis After Spinal Surgery: A Case Report. <i>International Journal of Spine Surgery</i> , 2021, 14, S33-S36.	0.7	3
16	Risk factors for postoperative dysphagia and dysphonia following anterior cervical spine surgery: a comprehensive study utilizing the hospital for special surgery dysphagia and dysphonia inventory (HSS-DDI). <i>Spine Journal</i> , 2021, 21, 1080-1088.	0.6	21
17	Endplate volumetric bone mineral density is a predictor for cage subsidence following lateral lumbar interbody fusion: a risk factor analysis. <i>Spine Journal</i> , 2021, 21, 1729-1737.	0.6	29
18	Determinants of Postoperative Spinal Height Change among Adult Spinal Deformity Patients with Long Construct Circumferential Fusion. <i>Asian Spine Journal</i> , 2021, 15, 155-163.	0.8	2

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19	The Cervical Spine Demonstrates less Postoperative Bone Loss than the Lumbar Spine. Journal of Orthopaedic Research, 2021, , .	1.2	2
20	Coronavirus Disease 2019 Exposure in Surgeons and Anesthesiologists at a New York City Specialty Hospital. Journal of Occupational and Environmental Medicine, 2021, 63, 521-527.	0.9	3
21	Thoracic bone mineral density measured by quantitative computed tomography in patients undergoing spine surgery. Spine Journal, 2021, 21, 1866-1872.	0.6	7
22	The association of transversus abdominis plane block with length of stay, pain and opioid consumption after anterior or lateral lumbar fusion: a retrospective study. European Spine Journal, 2021, 30, 3738-3745.	1.0	9
23	C2 Pedicle Sclerosis Grading, More Than Diameter, Predicts Surgeons' Preoperative Assessment of Safe Screw Placement: A Novel Classification System. World Neurosurgery, 2021, 149, e576-e581.	0.7	0
24	Evaluation of cage subsidence in standalone lateral lumbar interbody fusion: novel 3D-printed titanium versus polyetheretherketone (PEEK) cage. European Spine Journal, 2021, 30, 2377-2384.	1.0	29
25	Letter to the Editor: "Outpatient Minimally Invasive Lumbar Fusion Using Multimodal Analgesic Management in the Ambulatory Surgery Setting". International Journal of Spine Surgery, 2021, 15, 8109.	0.7	0
26	Workers' Compensation Status in Association with a High NDI Score Negatively Impacts Post-Operative Dysphagia and Dysphonia Following Anterior Cervical Fusion. World Neurosurgery, 2021, 154, e39-e45.	0.7	1
27	The diagnostic accuracy of MRI and nonenhanced CT for high-risk vertebral artery anatomy for subaxial anterior cervical spine surgery safety. Journal of Neurosurgery: Spine, 2021, , 1-8.	0.9	0
28	Development of a decision-making pathway for utilizing standalone lateral lumbar interbody fusion. European Spine Journal, 2021, , 1.	1.0	6
29	Concordance Between Patients'™ and Surgeons'™ Expectations of Lumbar Surgery. Spine, 2021, 46, 249-258.1.0	1.0	11
30	The impact of degenerative disc disease on regional volumetric bone mineral density (vBMD) measured by quantitative computed tomography. Spine Journal, 2020, 20, 181-190.	0.6	19
31	A Novel and Reproducible Classification of the Vertebral Artery in the Subaxial Cervical Spine. Operative Neurosurgery, 2020, 18, 676-683.	0.4	1
32	Perioperative Risk Factors for Early Revisions in Stand-Alone Lateral Lumbar Interbody Fusion. World Neurosurgery, 2020, 134, e657-e663.	0.7	20
33	Association Between Surgical Level and Early Postoperative Thigh Symptoms Among Patients Undergoing Standalone Lateral Lumbar Interbody Fusion. World Neurosurgery, 2020, 134, e885-e891.	0.7	7
34	Local Mechanical Environment and Spinal Trabecular Volumetric Bone Mineral Density Measured by Quantitative Computed Tomography: A Study on Lumbar Lordosis. World Neurosurgery, 2020, 135, e286-e292.	0.7	4
35	Minimum Clinically Important Differences of the Hospital for Special Surgery Dysphagia and Dysphonia Inventory and Other Dysphagia Measurements in Patients Undergoing ACDF. Clinical Orthopaedics and Related Research, 2020, 478, 2309-2320.	0.7	8
36	Essential Spine Surgery During the COVID-19 Pandemic: A Comprehensive Framework for Clinical Practice from a Specialty Orthopedic Hospital in New York City. HSS Journal, 2020, 16, 29-35.	0.7	8

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37	Hemodynamically significant cardiac arrhythmias during general anesthesia for spine surgery: A case series and literature review. <i>North American Spine Society Journal (NASSJ)</i> , 2020, 2, 100010.	0.3	0
38	Unfulfilled Expectations After Surgery for Adult Lumbar Scoliosis Compared with Other Degenerative Conditions. <i>HSS Journal</i> , 2020, 16, 452-460.	0.7	0
39	Hyoid position as a novel predictive marker for postoperative dysphagia and dysphonia after anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2020, 29, 2745-2751.	1.0	1
40	Postoperative decrease of regional volumetric bone mineral density measured by quantitative computed tomography after lumbar fusion surgery in adjacent vertebrae. <i>Osteoporosis International</i> , 2020, 31, 1163-1171.	1.3	4
41	Endplate volumetric bone mineral density measured by quantitative computed tomography as a novel predictive measure of severe cage subsidence after standalone lateral lumbar fusion. <i>European Spine Journal</i> , 2020, 29, 1131-1140.	1.0	31
42	Regional bone mineral density differences measured by quantitative computed tomography in patients undergoing anterior cervical spine surgery. <i>Spine Journal</i> , 2020, 20, 1056-1064.	0.6	17
43	Correlation between Urine N-Terminal Telopeptide and Fourier Transform Infrared Spectroscopy Parameters: A Preliminary Study. <i>Journal of Osteoporosis</i> , 2020, 2020, 1-7.	0.1	3
44	Disabling Pruritus in a Patient With Cervical Stenosis. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e19.00178.	0.4	4
45	The Association Between Endplate Changes and Risk for Early Severe Cage Subsidence Among Standalone Lateral Lumbar Interbody Fusion Patients. <i>Spine</i> , 2020, 45, E1580-E1587.	1.0	22
46	Trends in lumbar spinal fusion—a literature review. <i>Journal of Spine Surgery</i> , 2020, 6, 752-761.	0.6	91
47	Expectations of Lumbar Surgery Outcomes among Opioid Users Compared with Non-Users. <i>Asian Spine Journal</i> , 2020, 14, 663-672.	0.8	4
48	Prevalence of osteoporosis and osteopenia diagnosed using quantitative CT in 296 consecutive lumbar fusion patients. <i>Neurosurgical Focus</i> , 2020, 49, E5.	1.0	17
49	BMI and gender increase risk of sacral fractures after multilevel instrumented spinal fusion compared with bone mineral density and pelvic parameters. <i>Spine Journal</i> , 2019, 19, 238-245.	0.6	17
50	Skin Ultrasound Measurement as a Potential Marker of Bone Quality: A Prospective Pilot Study of Patients undergoing Lumbar Spinal Fusion. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2508-2515.	1.2	6
51	Does L4-L5 Pose Additional Neurologic Risk in Lateral Lumbar Interbody Fusion?. <i>World Neurosurgery</i> , 2019, 129, e337-e342.	0.7	8
52	Effects of a multimodal analgesic pathway with transversus abdominis plane block for lumbar spine fusion: a prospective feasibility trial. <i>European Spine Journal</i> , 2019, 28, 2077-2086.	1.0	19
53	79. The regional effect of lumbar fusion surgery on volumetric bone mineral density measured by quantitative computed tomography in adjacent vertebrae: a longitudinal cohort study. <i>Spine Journal</i> , 2019, 19, S38-S39.	0.6	1
54	Intercostal artery hemorrhage with hemothorax following combined lateral and posterior lumbar interbody fusion: a case report. <i>Spinal Cord Series and Cases</i> , 2019, 5, 60.	0.3	3

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55	Mini-Open Access for Lateral Lumbar Interbody Fusion. <i>JBJS Essential Surgical Techniques</i> , 2019, 9, e37.	0.3	11
56	Regional bone mineral density differences measured by quantitative computed tomography: does the standard clinically used L1-L2 average correlate with the entire lumbosacral spine?. <i>Spine Journal</i> , 2019, 19, 695-702.	0.6	37
57	Positive and negative work events attributed to the spine 2 years after lumbar surgery among patients working preoperatively. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 736-742.	0.9	1
58	Cervical Spinal Fusion: 16-Year Trends in Epidemiology, Indications, and In-Hospital Outcomes by Surgical Approach. <i>World Neurosurgery</i> , 2018, 113, e280-e295.	0.7	64
59	Successful lumbar surgery results in improved psychological well-being: a longitudinal assessment of depressive and anxiety symptoms. <i>Spine Journal</i> , 2018, 18, 606-613.	0.6	19
60	Does the Addition of Either a Lateral or Posterior Interbody Device to Posterior Instrumented Lumbar Fusion Decrease Cost Over a 6-Year Period?. <i>Global Spine Journal</i> , 2018, 8, 471-477.	1.2	5
61	Lower Spine Volumetric Bone Density in Patients With a History of Epidural Steroid Injections. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3405-3410.	1.8	12
62	HSS Dysphagia and Dysphonia Inventory (HSS-DDI) Following Anterior Cervical Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e66.	1.4	11
63	Single-Level Lateral Lumbar Interbody Fusion for the Treatment of Adjacent Segment Disease. <i>Spine</i> , 2017, 42, E515-E522.	1.0	35
64	Lateral Lumbar Interbody Fusion—Outcomes and Complications. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 539-546.	1.3	106
65	Opioid prescription levels and postoperative outcomes in orthopedic surgery. <i>Pain</i> , 2017, 158, 2422-2430.	2.0	124
66	C2 Bone Erosion Secondary to Iatrogenic Pseudomeningocele: A Case Report and Description of a Novel Surgical Technique. <i>World Neurosurgery</i> , 2017, 106, 1056.e1-1056.e4.	0.7	0
67	The intervertebral disc, the endplates and the vertebral bone marrow as a unit in the process of degeneration. <i>European Radiology</i> , 2017, 27, 2507-2520.	2.3	60
68	Emergent reintubation following elective cervical surgery: A case series. <i>World Journal of Orthopedics</i> , 2017, 8, 465.	0.8	5
69	Serotonergic Antidepressants Are Associated with Increased Blood Loss and Risk for Transfusion in Single-Level Lumbar Fusion Surgery. <i>Asian Spine Journal</i> , 2017, 11, 601-609.	0.8	3
70	Fulfillment of patients' expectations of lumbar and cervical spine surgery. <i>Spine Journal</i> , 2016, 16, 1167-1174.	0.6	58
71	Change in Off-Label Use of Bone Morphogenetic Protein in Spine Surgery and Associations with Adverse Outcome. <i>Global Spine Journal</i> , 2016, 6, 650-659.	1.2	20
72	Demographic, Clinical, and Operative Factors Affecting Long-Term Revision Rates After Cervical Spine Arthrodesis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1533-1540.	1.4	14

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73	Thoracic Spine Degeneration Following Microlaminotomy for Spinal Cord Stimulator Placement and Subsequent Removal—a Case Report. <i>HSS Journal</i> , 2016, 12, 186-189.	0.7	1
74	Microbiologic profile of infections in presumed aseptic revision spine surgery. <i>European Spine Journal</i> , 2016, 25, 3902-3907.	1.0	38
75	Is dysphagia an orthopedic problem? “Yes, it could be!”. <i>Spine Journal</i> , 2016, 16, e151-e152.	0.6	0
76	The value of intraoperative Gram stain in revision spine surgery. <i>Spine Journal</i> , 2015, 15, 2198-2205.	0.6	7
77	Minimally Invasive Lateral Lumbar Interbody Fusion. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, 119-125.	1.8	81
78	A Comparative Study of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion in Degenerative Lumbar Spondylolisthesis. <i>Asian Spine Journal</i> , 2015, 9, 668.	0.8	57
79	Incidence of vascular complications during lateral lumbar interbody fusion: an examination of the mini-open access technique. <i>European Spine Journal</i> , 2015, 24, 800-809.	1.0	46
80	Anterior Surgical Treatment of Cervical Spondylotic Myelopathy. <i>HSS Journal</i> , 2015, 11, 15-25.	0.7	28
81	Lumbar Spine Surgery in Patients with Parkinson Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1661-1666.	1.4	41
82	Associations between lumbosacral transitional anatomy types and degeneration at the transitional and adjacent segments. <i>Spine Journal</i> , 2015, 15, 1210-1216.	0.6	46
83	Lateral Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2015, 9, 978.	0.8	47
84	Multivariate Analysis on Risk Factors for Postoperative Ileus After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2014, 39, 688-694.	1.0	50
85	Microdiscectomy for the Treatment of Lumbar Disc Herniation: An Evaluation of Reoperations and Long-Term Outcomes. <i>Evidence-based Spine-care Journal</i> , 2014, 05, 077-086.	0.9	24
86	An Association Can Be Found Between Hounsfield Units and Success of Lumbar Spine Fusion. <i>HSS Journal</i> , 2014, 10, 25-29.	0.7	96
87	Nerve injury and recovery after lateral lumbar interbody fusion with and without bone morphogenetic protein-2 augmentation: a cohort-controlled study. <i>Spine Journal</i> , 2014, 14, 217-224.	0.6	48
88	Nerve injury after lateral lumbar interbody fusion: a review of 919 treated levels with identification of risk factors. <i>Spine Journal</i> , 2014, 14, 749-758.	0.6	140
89	Multiple myeloma exacerbation following utilization of bone morphogenetic protein-2 in lateral lumbar interbody fusion: a case report and review of the literature. <i>Spine Journal</i> , 2014, 14, e13-e19.	0.6	12
90	Rate of Revision Surgery After Stand-alone Lateral Lumbar Interbody Fusion for Lumbar Spinal Stenosis. <i>Spine</i> , 2014, 39, E326-E331.	1.0	57

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91	Thrombophilic Abnormalities in Patients With or Without Pulmonary Embolism Following Elective Spinal Surgery. HSS Journal, 2013, 9, 32-35.	0.7	6
92	Symptomatic heterotopic bone formation after rhBMP-2 utilization in lateral lumbar interbody fusion. Spine Journal, 2013, 13, 1411-1412.	0.6	7
93	Nerve Injury and Recovery After Lateral Lumbar Interbody Fusion With and Without Bone Morphogenetic Protein-2 Augmentation: A Cohort Controlled Study. Spine Journal, 2013, 13, S18.	0.6	2
94	Contralateral psoas seroma after transpsoas lumbar interbody fusion with bone morphogenetic protein-2 implantation. Spine Journal, 2013, 13, e1-e5.	0.6	49
95	Contralateral Motor Deficits After Lateral Lumbar Interbody Fusion. Spine, 2013, 38, 1959-1963.	1.0	27
96	Development and Testing of an Expectations Survey for Patients Undergoing Lumbar Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1793-1800.	1.4	42
97	Is There Any Relation Between the Amount of Curve Correction and Postoperative Neurological Deficit or Pain in Patients Undergoing Standalone Lateral Lumbar Interbody Fusion?. Spine, 2013, 38, 1656-1662.	1.0	15
98	An Institutional Six-year Trend Analysis of the Neurological Outcome After Lateral Lumbar Interbody Fusion. Spine, 2013, 38, E1483-E1490.	1.0	44
99	Neurologic deficit following lateral lumbar interbody fusion. European Spine Journal, 2012, 21, 1192-1199.	1.0	158
100	Risk Factors for Postoperative Infection Following Posterior Lumbar Instrumented Arthrodesis. Journal of Bone and Joint Surgery - Series A, 2011, 93, 1627-1633.	1.4	222
101	Quantitative CT for Preoperative Assessment of Lumbar Degenerative Spondylolisthesis: The Unique Impact of L4 Bone Mineral Density on Single-Level Disease. HSS Journal, 0, , 155633162210966.	0.7	2