

Frank P Cammisa Jr

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,230
citations

361413

20
h-index

233421

45
g-index

80
all docs

80
docs citations

80
times ranked

2178
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biology of Bone Grafting. Journal of the American Academy of Orthopaedic Surgeons, The, 2005, 13, 77-86.	2.5	638
2	The biology of bone grafting. Journal of the American Academy of Orthopaedic Surgeons, The, 2005, 13, 77-86.	2.5	187
3	Two-Year Fusion Rate Equivalency Between GraftonÂ® DBM Gel and Autograft in Posterolateral Spine Fusion. Spine, 2004, 29, 660-666.	2.0	177
4	Nerve injury after lateral lumbar interbody fusion: a review of 919 treated levels with identification of risk factors. Spine Journal, 2014, 14, 749-758.	1.3	140
5	Optimizing surface characteristics for cell adhesion and proliferation on titanium plasma spray coatings on polyetheretherketone. Spine Journal, 2016, 16, 1238-1243.	1.3	63
6	Fulfillment of patients' expectations of lumbar and cervical spine surgery. Spine Journal, 2016, 16, 1167-1174.	1.3	58
7	A Comparative Study of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion in Degenerative Lumbar Spondylolisthesis. Asian Spine Journal, 2015, 9, 668.	2.0	57
8	Nerve injury and recovery after lateral lumbar interbody fusion with and without bone morphogenetic protein-2 augmentation: a cohort-controlled study. Spine Journal, 2014, 14, 217-224.	1.3	48
9	The use of local vancomycin powder in degenerative spine surgery. European Spine Journal, 2016, 25, 1029-1033.	2.2	44
10	Lumbar Spine Surgery in Patients with Parkinson Disease. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1661-1666.	3.0	41
11	Preoperative MRI-based vertebral bone quality (VBQ) score assessment in patients undergoing lumbar spinal fusion. Spine Journal, 2022, 22, 1301-1308.	1.3	41
12	Microbiologic profile of infections in presumed aseptic revision spine surgery. European Spine Journal, 2016, 25, 3902-3907.	2.2	38
13	Regional bone mineral density differences measured by quantitative computed tomography: does the standard clinically used L1-L2 average correlate with the entire lumbosacral spine?. Spine Journal, 2019, 19, 695-702.	1.3	37
14	Single-Level Lateral Lumbar Interbody Fusion for the Treatment of Adjacent Segment Disease. Spine, 2017, 42, E515-E522.	2.0	35
15	Proportion of Expectations Fulfilled. Spine, 2016, 41, 963-970.	2.0	31
16	Endplate volumetric bone mineral density measured by quantitative computed tomography as a novel predictive measure of severe cage subsidence after standalone lateral lumbar fusion. European Spine Journal, 2020, 29, 1131-1140.	2.2	31
17	Endplate volumetric bone mineral density is a predictor for cage subsidence following lateral lumbar interbody fusion: a risk factor analysis. Spine Journal, 2021, 21, 1729-1737.	1.3	29
18	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.	2.2	29

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19	Assessment of the injection behavior of commercially available bone BSMs for Subchondroplasty [®] procedures. <i>Knee</i> , 2015, 22, 597-603.	1.6	25
20	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
21	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.	1.3	24
22	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.	2.0	22
23	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.	1.3	21
24	Evaluation of a new formulation of demineralized bone matrix putty in a rabbit posterolateral spinal fusion model. <i>Spine Journal</i> , 2014, 14, 2155-2163.	1.3	20
25	Perioperative Risk Factors for Early Revisions in Stand-Alone Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 134, e657-e663.	1.3	20
26	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.	1.3	19
27	The impact of degenerative disc disease on regional volumetric bone mineral density (vBMD) measured by quantitative computed tomography. <i>Spine Journal</i> , 2020, 20, 181-190.	1.3	19
28	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.	2.3	18
29	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.	1.3	17
30	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.	1.3	17
31	Sources of Patients's [™] Expectations of Lumbar Surgery. <i>Spine</i> , 2019, 44, 318-324.	2.0	16
32	Efficacy comparison of Accell Evo3 and Grafton demineralized bone matrix putties against autologous bone in a rat posterolateral spine fusion model. <i>Spine Journal</i> , 2017, 17, 855-862.	1.3	15
33	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.	1.3	14
34	ISASS Recommendations and Coverage Criteria for Bone Graft Substitutes used in Spinal Surgery. <i>International Journal of Spine Surgery</i> , 2018, 12, 757-771.	1.5	12
35	HSS Dysphagia and Dysphonia Inventory (HSS-DDI) Following Anterior Cervical Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e66.	3.0	11
36	ISASS Recommendations/Coverage Criteria for Decompression with Interlaminar Stabilization - Coverage Indications, Limitations, and/or Medical Necessity. <i>International Journal of Spine Surgery</i> , 2016, 10, 41.	1.5	11

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37	Concordance Between Patientsâ€™™ and Surgeonsâ€™™ Expectations of Lumbar Surgery. <i>Spine</i> , 2021, 46, 249-258.2.0		11
38	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.	2.0	10
39	Risk Factors for Positive Cultures in Presumed Aseptic Revision Spine Surgery. <i>Spine</i> , 2019, 44, 177-184.	2.0	9
40	The association of transversus abdominis plane block with length of stay, pain and opioid consumption after anterior or lateral lumbar fusion: a retrospective study. <i>European Spine Journal</i> , 2021, 30, 3738-3745.	2.2	9
41	Early Outcomes of Three-Dimensionalâ€™™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.	1.3	9
42	Biomechanical and histologic assessment of a novel screw retention technology in an ovine lumbar fusion model. <i>Spine Journal</i> , 2018, 18, 2302-2315.	1.3	8
43	Does L4-L5 Pose Additional Neurologic Risk in Lateral Lumbar Interbody Fusion?. <i>World Neurosurgery</i> , 2019, 129, e337-e342.	1.3	8
44	Minimum Clinically Important Differences of the Hospital for Special Surgery Dysphagia and Dysphonia Inventory and Other Dysphagia Measurements in Patients Undergoing ACDF. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2309-2320.	1.5	8
45	Essential Spine Surgery During the COVID-19 Pandemic: A Comprehensive Framework for Clinical Practice from a Specialty Orthopedic Hospital in New York City. <i>HSS Journal</i> , 2020, 16, 29-35.	1.7	8
46	The value of intraoperative Gram stain in revision spine surgery. <i>Spine Journal</i> , 2015, 15, 2198-2205.	1.3	7
47	Association Between Surgical Level and Early Postoperative Thigh Symptoms Among Patients Undergoing Standalone Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 134, e885-e891.	1.3	7
48	Thoracic bone mineral density measured by quantitative computed tomography in patients undergoing spine surgery. <i>Spine Journal</i> , 2021, 21, 1866-1872.	1.3	7
49	Comparing the Efficacy of Radiation Free Machine-Vision Image-Guided Surgery With Traditional 2-Dimensional Fluoroscopy: A Randomized, Single-Center Study. <i>HSS Journal</i> , 2021, 17, 274-280.	1.7	7
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.	2.3	6
51	Cervical Spine Navigation and Enabled Robotics: A New Frontier in Minimally Invasive Surgery. <i>HSS Journal</i> , 2021, 17, 333-343.	1.7	6
52	Development of a decision-making pathway for utilizing standalone lateral lumbar interbody fusion. <i>European Spine Journal</i> , 2021, , 1.	2.2	6
53	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.	1.3	6
54	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.	2.3	5

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55	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.	2.2	5
56	Local Mechanical Environment and Spinal Trabecular Volumetric Bone Mineral Density Measured by Quantitative Computed Tomography: A Study on Lumbar Lordosis. <i>World Neurosurgery</i> , 2020, 135, e286-e292.	1.3	4
57	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.	2.2	4
58	Expectations of Lumbar Surgery Outcomes among Opioid Users Compared with Non-Users. <i>Asian Spine Journal</i> , 2020, 14, 663-672.	2.0	4
59	Interlaminar stabilization for spinal stenosis in the Medicare population. <i>Spine Journal</i> , 2020, 20, 1948-1959.	1.3	3
60	Correlation between Urine N-Terminal Telopeptide and Fourier Transform Infrared Spectroscopy Parameters: A Preliminary Study. <i>Journal of Osteoporosis</i> , 2020, 2020, 1-7.	0.5	3
61	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.	2.0	3
62	Single-center, consecutive series study of the use of a novel platelet-rich fibrin matrix (PRFM) and beta-tricalcium phosphate in posterolateral lumbar fusion. <i>European Spine Journal</i> , 2019, 28, 719-726.	2.2	2
63	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.	2.0	2
64	The Cervical Spine Demonstrates less Postoperative Bone Loss than the Lumbar Spine. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	2
65	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, , .	2.3	2
66	Quantitative CT for Preoperative Assessment of Lumbar Degenerative Spondylolisthesis: The Unique Impact of L4 Bone Mineral Density on Single-Level Disease. <i>HSS Journal</i> , 0, , 155633162210966.	1.7	2
67	A Novel and Reproducible Classification of the Vertebral Artery in the Subaxial Cervical Spine. <i>Operative Neurosurgery</i> , 2020, 18, 676-683.	0.8	1
68	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.	2.2	1
69	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.	1.7	1
70	Mapping of Venous Sinus Anatomy and Occipital Bone Thickness for Safe Screw Placement in 100 Patients with 46,200 Standardized Measurements Using Computed Tomography Angiography. <i>Spine</i> , 2022, 47, E196-E202.	2.0	1
71	Workers' Compensation Status in Association with a High NDI Score Negatively Impacts Post-Operative Dysphagia and Dysphonia Following Anterior Cervical Fusion. <i>World Neurosurgery</i> , 2021, 154, e39-e45.	1.3	1
72	Spinal Stenosis in the Absence of Spondylolisthesis: Can Interlaminar Stabilization at Single and Multi-levels Provide Sustainable Relief?. <i>International Journal of Spine Surgery</i> , 2018, 12, 64-69.	1.5	1

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73	The 2-Level Experience of Interlaminar Stabilization: 5-Year Follow-Up of a Prospective, Randomized Clinical Experience Compared to Fusion for the Sustainable Management of Spinal Stenosis. International Journal of Spine Surgery, 2018, 12, 419-427.	1.5	1
74	Positive and negative work events attributed to the spine 2 years after lumbar surgery among patients working preoperatively. Journal of Neurosurgery: Spine, 2019, 30, 736-742.	1.7	1
75	Unfulfilled Expectations After Surgery for Adult Lumbar Scoliosis Compared with Other Degenerative Conditions. HSS Journal, 2020, 16, 452-460.	1.7	0
76	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.	1.3	0
77	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.	1.5	0
78	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.	1.7	0
79	Trabecular volumetric bone mineral density of the occipital bone at preferred screw placement sites measured by quantitative computed tomography. Journal of Orthopaedic Research, 2022, 40, 1909-1917.	2.3	0