

Derek F Amanatullah

List of Publications by Year in descending order

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93
papers

1,836
citations

430874

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96
all docs

96
docs citations

96
times ranked

2249
citing authors

#	ARTICLE	IF	CITATIONS
1	To Fix or Revise: Differences in Periprosthetic Distal Femur Fracture Management Between Trauma and Arthroplasty Surgeons. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2022, 30, e17-e24.	2.5	8
2	A framework to make PROMs relevant to patients: qualitative study of communication preferences of PROMs. <i>Quality of Life Research</i> , 2022, 31, 1093-1103.	3.1	7
3	Staging Bilateral Total Knee Arthroplasties Reduces Alignment Outliers. <i>Journal of Arthroplasty</i> , 2022, 37, 694-698.	3.1	1
4	Immune checkpoint upregulation in periprosthetic joint infection. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2663-2669.	2.3	5
5	Response: MDâ€“PhD graduates remain underrepresented in orthopedic surgery: National MDâ€“PhD Program Outcome Survey update. <i>Journal of Orthopaedic Research</i> , 2022, 40, 309-309.	2.3	0
6	Analysis of Computer Vision Methods for Counting Surgical Instruments. <i>Surgical Innovation</i> , 2021, 28, 155335062095642.	0.9	1
7	Agreement and Reliability of Lateral Patellar Tilt and Displacement following Total Knee Arthroplasty with Patellar Resurfacing. <i>Journal of Knee Surgery</i> , 2021, 34, 717-720.	1.6	2
8	The CARDE-B Scoring System Predicts 30-Day Mortality After Revision Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 424-431.	3.0	6
9	Effect of Comorbidity Burden on the Risk of Venous Thromboembolic Events after Total Knee Arthroplasty. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932110439.	1.4	2
10	Medial Unicompartmental Knee Arthroplasty with a Mobile-Bearing Implant. <i>JBJS Essential Surgical Techniques</i> , 2021, 11, .	0.8	2
11	Encapsulated Mesenchymal Stromal Cell Microbeads Promote Endogenous Regeneration of Osteoarthritic Cartilage Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, 2002118.	7.6	11
12	Influence of team composition on turnover and efficiency of total hip and knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 347-352.	4.4	14
13	Articulating vs Static Spacers for Native Knee Infection in the Setting of Degenerative Joint Disease. <i>Arthroplasty Today</i> , 2021, 8, 138-144.	1.6	1
14	Tolerant Small-colony Variants Form Prior to Resistance Within a <i>Staphylococcus aureus</i> Biofilm Based on Antibiotic Selective Pressure. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1471-1481.	1.5	10
15	Next generation sequencing for pathogen detection in periprosthetic joint infections. <i>EFORT Open Reviews</i> , 2021, 6, 236-244.	4.1	37
16	Provider Personal and Demographic Characteristics and Patient Satisfaction in Orthopaedic Surgery. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	0
17	The Safety and Toxicity of Phage Therapy: A Review of Animal and Clinical Studies. <i>Viruses</i> , 2021, 13, 1268.	3.3	103
18	Survival bias may explain the appearance of the obesity paradox in hip fracture patients. <i>Osteoporosis International</i> , 2021, 32, 2555-2562.	3.1	8

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19	Return to work and productivity loss after surgery: A health economic evaluation. <i>International Journal of Surgery</i> , 2021, 95, 106100.	2.7	8
20	Knee Implant Identification by Fine-Tuning Deep Learning Models. <i>Indian Journal of Orthopaedics</i> , 2021, 55, 1295-1305.	1.1	4
21	Migration Patterns for Revision Total Knee Arthroplasty in the United States as Reported in the American Joint Replacement Registry. <i>Journal of Arthroplasty</i> , 2021, 36, 3538-3542.	3.1	8
22	Perioperative Statin Use May Reduce Postoperative Arrhythmia Rates After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3401-3405.	3.1	3
23	Google Trends Analysis Shows Increasing Public Interest in Platelet-Rich Plasma Injections for Hip and Knee Osteoarthritis. <i>Journal of Arthroplasty</i> , 2021, 36, 3616-3622.	3.1	30
24	Notching of the Neck After Acetabular Constraint Necessitating Femoral Component Revision. <i>Arthroplasty Today</i> , 2021, 12, 32-35.	1.6	0
25	Excellent Clinical and Radiographic Outcomes with Direct Superior Total Hip Arthroplasty with a Minimum of Two-Year Follow Up. <i>Surgical Technology International</i> , 2021, 37, 342-346.	0.2	1
26	Venous thromboprophylaxis after total hip arthroplasty: aspirin, warfarin, enoxaparin, or factor Xa inhibitors?. <i>HIP International</i> , 2020, 30, 564-571.	1.7	11
27	Total Knee Arthroplasty Has A Positive Effect on Patients With Low Mental Health Scores. <i>Journal of Arthroplasty</i> , 2020, 35, 112-115.	3.1	12
28	Intraoperative Practice Variability in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 725-731.	3.1	7
29	The Cost of Malnutrition in Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 926-932.e1.	3.1	29
30	A Small Amount of Retraction Force Results in Inadvertent Piriformis Muscle Damage During a Piriformis-Sparing Approach to the Hip. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1687-1693.	3.0	8
31	Reply to Letter to the Editor on "Mental Health Status Improves Following Total Knee Arthroplasty". <i>Journal of Arthroplasty</i> , 2020, 35, 2685-2686.	3.1	0
32	A Simple Goal Elicitation Tool Improves Shared Decision Making in Outpatient Orthopedic Surgery: A Randomized Controlled Trial. <i>Medical Decision Making</i> , 2020, 40, 766-773.	2.4	6
33	Risk Adjustment in the California Joint Replacement Registry: Is Patient Complexity Accurately Assessed in Academic Versus Nonacademic Hospitals?. <i>Journal of Arthroplasty</i> , 2020, 35, 3437-3444.	3.1	1
34	The Rationale for Using Bacteriophage to Treat and Prevent Periprosthetic Joint Infections. <i>Frontiers in Microbiology</i> , 2020, 11, 591021.	3.5	9
35	Efficacy of motivational-interviewing and guided opioid tapering support for patients undergoing orthopedic surgery (MI-Opioid Taper): A prospective, assessor-blind, randomized controlled pilot trial. <i>EClinicalMedicine</i> , 2020, 28, 100596.	7.1	19
36	Medications Available for Weight Reduction in Elective Total Joint Arthroplasty. <i>JBJS Reviews</i> , 2020, 8, e0123-e0123.	2.0	4

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37	The routine use of synovial alpha-defensin is not necessary. <i>Bone and Joint Journal</i> , 2020, 102-B, 593-599.	4.4	19
38	Selective screw fixation is associated with early failure of primary acetabular components for aseptic loosening. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2429-2433.	2.3	4
39	Mechanical compression augments venous flow equal to intermittent pneumatic compression. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2390-2395.	2.3	2
40	Reimbursement and Complications in Outpatient vs Inpatient Unicompartmental Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S86-S91.	3.1	12
41	MD&PhD graduates remain underrepresented in orthopaedic surgery: National MD&PhD Program Outcome Survey update. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2181-2188.	2.3	4
42	Single-cell mass cytometry reveals cross-talk between inflammation-dampening and inflammation-amplifying cells in osteoarthritic cartilage. <i>Science Advances</i> , 2020, 6, eaay5352.	10.3	52
43	Short-Term Safety of the Direct Superior Approach for Total Hip Arthroplasty. <i>Surgical Technology International</i> , 2020, 36, 317-322.	0.2	1
44	Calcium phosphate cement and locked plate augmentation of distal femoral defects: A biomechanical analysis. <i>Knee</i> , 2019, 26, 1020-1025.	1.6	1
45	Computer Navigation vs Conventional Total Hip Arthroplasty: A Medicare Database Analysis. <i>Journal of Arthroplasty</i> , 2019, 34, 1994-1998.e1.	3.1	17
46	Effect of trabecular metal on the elution of gentamicin from Palacos cement. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1018-1024.	2.3	2
47	Utilization of a pneumatic exoskeleton after total knee arthroplasty. <i>Arthroplasty Today</i> , 2019, 5, 314-315.	1.6	7
48	Improved Range of Motion and Patient-Reported Outcome Scores With Fixed-Bearing Revision Total Knee Arthroplasty for Suboptimal Axial Implant Rotation. <i>Journal of Arthroplasty</i> , 2019, 34, 1174-1178.	3.1	1
49	EMTALA (Emergency Medical Treatment and Active Labor Act) Obligations. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, e55.	3.0	3
50	Timing of Lumbar Spinal Fusion Affects Total Hip Arthroplasty Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019, 3, e00133.	0.7	15
51	Quality Measures in Total Hip and Total Knee Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2019, 27, 219-226.	2.5	21
52	Suboptimal patellofemoral alignment is associated with poor clinical outcome scores after primary total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 249-254.	2.4	20
53	Statin use is associated with less postoperative cardiac arrhythmia after total hip arthroplasty. <i>HIP International</i> , 2019, 29, 618-623.	1.7	5
54	Quantitative Multiplex Immunoassay for Profiling Bone Turnover Biomarkers in Human Bone Tissue Culture Supernatants. <i>Methods in Molecular Biology</i> , 2019, 1862, 251-262.	0.9	0

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55	Direct Superior Approach to the Hip for Total Hip Arthroplasty. JBJS Essential Surgical Techniques, 2019, 9, e17.	0.8	21
56	Headless compression screw for horizontal medial malleolus fractures. Clinical Biomechanics, 2018, 55, 1-6.	1.2	5
57	Obesity Is Independently Associated With Early Aseptic Loosening in Primary Total Hip Arthroplasty. Journal of Arthroplasty, 2018, 33, 882-886.	3.1	44
58	Strategies for Weight Reduction Prior to Total Joint Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1888-1896.	3.0	12
59	Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet. PLoS Medicine, 2018, 15, e1002699.	8.4	409
60	Protocol-Driven Revision for Stiffness After Total Knee Arthroplasty Improves Motion and Clinical Outcomes. Journal of Arthroplasty, 2018, 33, 2952-2955.	3.1	5
61	Periprosthetic bacterial biofilm and quorum sensing. Journal of Orthopaedic Research, 2018, 36, 2331-2339.	2.3	43
62	Financial Distress and Discussing the Cost of Total Joint Arthroplasty. Journal of Arthroplasty, 2018, 33, 3394-3397.	3.1	11
63	Effect of Computer Navigation on Complication Rates Following Unicompartmental Knee Arthroplasty. Journal of Arthroplasty, 2018, 33, 3437-3440.e1.	3.1	10
64	Proximal Femoral Shape Changes the Risk of a Leg Length Discrepancy After Primary Total Hip Arthroplasty. Journal of Arthroplasty, 2018, 33, 3699-3703.	3.1	12
65	Headless Compression Screw Fixation of Vertical Medial Malleolus Fractures is Superior to Unicortical Screw Fixation. American Journal of Orthopedics, 2018, 47, .	0.7	1
66	The biological response to orthopaedic implants for joint replacement: Part I: Metals. , 2017, 105, 2162-2173.		95
67	Use of Cortical Strut Allograft After Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 1599-1605.	3.1	8
68	Cortical Strut Allograft Support of Modular Femoral Junctions During Revision Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 1586-1592.	3.1	18
69	Response to Letter to the Editor on "Tibiofemoral Dislocation After Total Knee Arthroplasty". Journal of Arthroplasty, 2017, 32, 700.	3.1	0
70	Reproducibility and Precision of CT Scans to Evaluate Tibial Component Rotation. Journal of Arthroplasty, 2017, 32, 2552-2555.	3.1	8
71	Sled fixation for horizontal medial malleolus fractures. Clinical Biomechanics, 2017, 42, 92-96.	1.2	11
72	Weight Gain After Primary Total Knee Arthroplasty Is Associated With Accelerated Time to Revision for Aseptic Loosening. Journal of Arthroplasty, 2017, 32, 2167-2170.	3.1	18

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73	Reconstruction of Disrupted Extensor Mechanism After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3134-3140.	3.1	28
74	Femoral Nerve Catheters Improve Home Disposition and Pain in Hip Fracture Patients Treated With Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3434-3437.	3.1	12
75	Venous Thromboembolism Prophylaxis After TKA: Aspirin, Warfarin, Enoxaparin, or Factor Xa Inhibitors?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2205-2213.	1.5	103
76	Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components. <i>Journal of Arthroplasty</i> , 2017, 32, 2799-2805.	3.1	7
77	Response to Letter to the Editor on "Weight Gain After Primary Total Knee Arthroplasty is Associated With Accelerated Time to Revision for Aseptic Loosening". <i>Journal of Arthroplasty</i> , 2017, 32, 3258.	3.1	0
78	Smoking is associated with earlier time to revision of total knee arthroplasty. <i>Knee</i> , 2017, 24, 1182-1186.	1.6	35
79	The Direct Anterior Approach is Associated With Early Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1001-1005.	3.1	76
80	Elevated Body Mass Index Is Associated With Early Total Knee Revision for Infection. <i>Journal of Arthroplasty</i> , 2017, 32, 252-255.	3.1	29
81	Local estrogen axis in the human bone microenvironment regulates estrogen receptor-positive breast cancer cells. <i>Breast Cancer Research</i> , 2017, 19, 121.	5.0	20
82	Tibiofemoral Dislocation After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 2282-2285.	3.1	16
83	Obesity is Associated With Early Total Hip Revision for Aseptic Loosening. <i>Journal of Arthroplasty</i> , 2016, 31, 217-220.	3.1	44
84	Proximal femoral reconstruction for failed internal fixation of a bisphosphonate-related femur fracture. <i>Arthroplasty Today</i> , 2016, 2, 153-156.	1.6	4
85	Phlpp1 facilitates post-traumatic osteoarthritis and is induced by inflammation and promoter demethylation in human osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1021-1028.	1.3	44
86	Antiglide plating of vertical medial malleolus fractures provides stiffer initial fixation than bicortical or unicortical screw fixation. <i>Clinical Biomechanics</i> , 2016, 31, 29-32.	1.2	34
87	Biomechanical Consequences of Anterior Femoral Notching in Cruciate-Retaining Versus Posterior-Stabilized Total Knee Arthroplasty. <i>American Journal of Orthopedics</i> , 2016, 45, E268-72.	0.7	1
88	Similar Clinical Outcomes for THAs With and Without Prior Periacetabular Osteotomy. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 685-691.	1.5	32
89	Torsional Properties of Distal Femoral Cortical Defects. <i>Orthopedics</i> , 2014, 37, 158-162.	1.1	16
90	Effect of mini-fragment fixation on the stabilization of medial malleolus fractures. <i>Journal of Trauma</i> , 2012, 72, 948-953.	2.3	12

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91	Effect of divergent screw fixation in vertical medial malleolus fractures. Journal of Trauma, 2012, 72, 751-754.	2.3	13
92	Excellent Clinical and Radiographic Outcomes with Direct Superior Total Hip Arthroplasty with a Minimum of Two-Year Follow Up. Surgical Technology International, 0, , .	0.2	2
93	Supine Knee Positioning Does Not Interfere with Mobile-Bearing Unicompartmental Knee Arthroplasty Performance. Journal of Knee Surgery, 0, , .	1.6	0