

Austin T Fragomen

List of Publications by Year in descending order

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96
papers

2,638
citations

186265
28
h-index

197818
49
g-index

96
all docs

96
docs citations

96
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Limb Lengthening and Then Insertion of an Intramedullary Nail: A Case-matched Comparison. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 2923-2932.	1.5	184
2	Precision of the PRECICE® Internal Bone Lengthening Nail. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 3869-3878.	1.5	183
3	The Mechanics of External Fixation. <i>HSS Journal</i> , 2007, 3, 13-29.	1.7	157
4	Repair of Tibial Nonunions and Bone Defects with the Taylor Spatial Frame. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, 88-95.	1.4	149
5	Prevention of pin site infection in external fixation: a review of the literature. <i>Strategies in Trauma and Limb Reconstruction</i> , 2016, 11, 75-85.	0.8	119
6	Joint Preservation of the Osteoarthritic Ankle Using Distraction Arthroplasty. <i>Foot and Ankle International</i> , 2009, 30, 318-325.	2.3	102
7	Complex Ankle Arthrodesis Using the Ilizarov Method Yields High Rate of Fusion. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2864-2873.	1.5	97
8	Does the Taylor Spatial Frame Accurately Correct Tibial Deformities?. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 1352-1361.	1.5	95
9	Correction of Tibial Deformity with Use of the Ilizarov-Taylor Spatial Frame. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 156-174.	3.0	84
10	Femoral Lengthening with Lengthening over a Nail has Fewer Complications than Intramedullary Skeletal Kinetic Distraction. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 1221-1231.	1.5	81
11	Does Lengthening and Then Plating (LAP) Shorten Duration of External Fixation?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 1771-1781.	1.5	75
12	Does Integrated Fixation Provide Benefit in the Reconstruction of Posttraumatic Tibial Bone Defects?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3143-3153.	1.5	53
13	The use of blocking screws with internal lengthening nail and reverse rule of thumb for blocking screws in limb lengthening and deformity correction surgery. <i>Strategies in Trauma and Limb Reconstruction</i> , 2016, 11, 199-205.	0.8	52
14	Supramalleolar Osteotomy Using Circular External Fixation with Six-Axis Deformity Correction of the Distal Tibia. <i>Foot and Ankle International</i> , 2011, 32, 986-993.	2.3	49
15	Limb Salvage Reconstruction of the Ankle with Fusion and Simultaneous Tibial Lengthening Using the Ilizarov/Taylor Spatial Frame. <i>HSS Journal</i> , 2008, 4, 32-42.	1.7	47
16	Recombinant Human BMP-2 Increases the Incidence and Rate of Healing in Complex Ankle Arthrodesis. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 732-739.	1.5	46
17	Noninvasive Quantitative Assessment of Bone Healing After Distraction Osteogenesis. <i>HSS Journal</i> , 2010, 6, 71-78.	1.7	43
18	Distal Femoral Osteotomy: Is Internal Fixation Better than External?. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 2003-2011.	1.5	43

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19	Leg-Length Discrepancy, Functional Scoliosis, and Low Back Pain. JBJS Reviews, 2018, 6, e6-e6.	2.0	39
20	Antibiotic-Coated Interlocking Intramedullary Nail for the Treatment of Long-Bone Osteomyelitis. JBJS Reviews, 2017, 5, e5-e5.	2.0	38
21	Ankle Distraction Arthroplasty: Indications, Technique, and Outcomes. Journal of the American Academy of Orthopaedic Surgeons, The, 2017, 25, 89-99.	2.5	37
22	Does Humeral Lengthening With a Monolateral Frame Improve Function?. Clinical Orthopaedics and Related Research, 2013, 471, 277-283.	1.5	35
23	Knee Arthrodesis as Limb Salvage for Complex Failures of Total Knee Arthroplasty. Journal of Arthroplasty, 2014, 29, 2150-2155.	3.1	34
24	A Biomechanical Comparison of Micromotion after Ankle Fusion Using 2 Fixation Techniques: Intramedullary Arthrodesis Nail or Ilizarov External Fixator. Foot and Ankle International, 2008, 29, 334-341.	2.3	31
25	Comparison of PACS and Hard-copy 51-inch Radiographs for Measuring Leg Length and Deformity. Clinical Orthopaedics and Related Research, 2011, 469, 244-250.	1.5	31
26	A Comparison of Femoral Lengthening Methods Favors the Magnetic Internal Lengthening Nail When Compared with Lengthening Over a Nail. HSS Journal, 2018, 14, 166-176.	1.7	31
27	Intraoperative Measurement of Mounting Parameters for the Taylor Spatial Frame. Journal of Orthopaedic Trauma, 2010, 24, 258-262.	1.4	30
28	Predicting the Feasibility of Correcting Mechanical Axis in Large Varus Deformities With Unicompartamental Knee Arthroplasty. Journal of Arthroplasty, 2018, 33, 372-378.	3.1	30
29	Cost Comparison of Femoral Distraction Osteogenesis With External Lengthening Over a Nail Versus Internal Magnetic Lengthening Nail. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, e430-e436.	2.5	30
30	Management of Extra-articular Deformity in the Setting of Total Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, e819-e830.	2.5	30
31	The PRECICE magnetic IM compression nail for long bone nonunions: a preliminary report. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 1551-1560.	2.4	27
32	Limited Quadricepsplasty for Contracture during Femoral Lengthening. Clinical Orthopaedics and Related Research, 2009, 467, 2911-2917.	1.5	26
33	Idiopathic Rotational Abnormalities of the Lower Extremities in Children and Adults. JBJS Reviews, 2019, 7, e3-e3.	2.0	26
34	Proximal Tibial Osteotomy for Medial Compartment Osteoarthritis of the Knee Using the Ilizarov Taylor Spatial Frame. Techniques in Knee Surgery, 2005, 4, 173-185.	0.1	25
35	Minimum Distraction Gap: How Much Ankle Joint Space Is Enough in Ankle Distraction Arthroplasty?. HSS Journal, 2014, 10, 6-12.	1.7	25
36	Retrograde magnetic internal lengthening nail for acute femoral deformity correction and limb lengthening. Expert Review of Medical Devices, 2017, 14, 811-820.	2.8	25

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37	Open Wedge Distal Femoral Osteotomy: Accuracy of Correction and Patient Outcomes. HSS Journal, 2017, 13, 128-135.	1.7	25
38	Tibial Bone Transport Over an Intramedullary Nail Using Cable and Pulleys. JBJS Essential Surgical Techniques, 2018, 8, e9.	0.8	25
39	Lengthening and deformity correction about the knee using a magnetic internal lengthening nail. Sicot-j, 2017, 3, 25.	1.8	20
40	Prophylactic Postoperative Antibiotics May Not Reduce Pin Site Infections After External Fixation. HSS Journal, 2017, 13, 165-170.	1.7	19
41	Standardization of torsional CT measurements of the lower limbs with threshold values for corrective osteotomy. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 795-805.	2.4	19
42	Knee Arthrodesis After Failed Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2019, 101, 650-660.	3.0	16
43	Lengthening and Reconstruction of Congenital Leg Deficiencies for Enhanced Prosthetic Wear. Clinical Orthopaedics and Related Research, 2008, 466, 495-499.	1.5	15
44	Lengthening of the Femur with a Remote-Controlled Magnetic Intramedullary Nail: Retrograde Technique. JBJS Essential Surgical Techniques, 2016, 6, e20.	0.8	15
45	Chronic Osteomyelitis of the tibia and ankle treated with Limb Salvage Reconstruction. Journal of Bone and Joint Infection, 2019, 4, 306-313.	1.5	15
46	Skeletal Repair in Distraction Osteogenesis: Mechanisms and Enhancements. JBJS Reviews, 2015, 3, .	2.0	14
47	Biomechanical and Functional Improvements Gained by Proximal Tibia Osteotomy Correction of Genu Varum in Patients with Knee Pain. HSS Journal, 2020, 16, 30-38.	1.7	12
48	Antibiotic Cement-Coated interlocking Intramedullary Nails in the Treatment of Septic Complex Lower Extremity Reconstruction; A Retrospective Analysis with Two year Minimum Follow up. Journal of Bone and Joint Infection, 2020, 5, 176-183.	1.5	12
49	Lengthening of the Femur with a Remote-Controlled Magnetic Intramedullary Nail. JBJS Essential Surgical Techniques, 2016, 6, e2.	0.8	10
50	Transitioning to an Intramedullary Lengthening and Compression Nail. Journal of Orthopaedic Trauma, 2017, 31, S7-S13.	1.4	10
51	Tranexamic Acid Reduces Postoperative Blood Loss in Distal Femoral Osteotomy. Journal of Knee Surgery, 2020, 33, 440-444.	1.6	10
52	STRYDE versus PRECICE magnetic internal lengthening nail for femur lengthening. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 3555-3561.	2.4	10
53	Motorized Internal Limb-Lengthening (MILL) Techniques Are Superior to Alternative Limb-Lengthening Techniques. JBJS Open Access, 2020, 5, e20.00115-e20.00115.	1.5	10
54	What's New in Limb Lengthening and Deformity Correction. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1408-1414.	3.0	9

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55	Does the Surgical Correction of Tibial Torsion with Genu Varum Produce Outcomes Similar to Those in Varus Correction Alone?. <i>Journal of Knee Surgery</i> , 2018, 31, 359-369.	1.6	9
56	Effects of a Medial Knee Unloading Implant on Tibiofemoral Joint Mechanics During Walking. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2149-2156.	2.3	9
57	Effect of Microfracture on Functional Outcomes and Subchondral Sclerosis Following Distraction Arthroplasty of the Ankle Joint. <i>Foot and Ankle International</i> , 2020, 41, 631-638.	2.3	9
58	Blocking Screw-assisted Intramedullary Nailing Using the Reverse-rule-of-thumbs for Limb Lengthening and Deformity Correction. <i>Strategies in Trauma and Limb Reconstruction</i> , 2019, 14, 77-84.	0.8	9
59	What is the Utility Of a Limb Lengthening and Reconstruction Service in an Academic Department of Orthopaedic Surgery?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3124-3132.	1.5	8
60	What's New in Limb Lengthening and Deformity Correction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1408-1415.	3.0	8
61	Integrated Limb Lengthening Is Superior to Classical Limb Lengthening: A Systematic Review and Meta-analysis of the Literature. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e20.00054.	0.7	8
62	Metacarpal Lengthening in Adults With Brachymetacarpia. <i>Hand</i> , 2019, 14, 339-345.	1.2	7
63	Motorized Intramedullary Lengthening Nails: Outcomes and Complications. <i>Techniques in Orthopaedics</i> , 2020, 35, 225-232.	0.2	7
64	Distraction arthroplasty in osteoarthritis of the foot and ankle. <i>World Journal of Orthopedics</i> , 2020, 11, 145-157.	1.8	7
65	Ankle Distraction Arthroplasty for Ankle Osteoarthritis: A Survival Analysis. <i>Strategies in Trauma and Limb Reconstruction</i> , 2019, 14, 65-71.	0.8	7
66	Patients With Lower Limb Deformity Report Worse Quality of Life Than Control Subjects Regardless of Degree of Deformity. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	7
67	Carbon-Fiber-Reinforced Polymer Intramedullary Nails Perform Poorly in Long-Bone Surgery. <i>HSS Journal</i> , 2019, 15, 109-114.	1.7	6
68	A Staged Approach to Combined Extra-articular Limb Deformity Correction and Total Ankle Arthroplasty for End-Stage Ankle Arthritis. <i>Foot and Ankle International</i> , 2021, 42, 257-267.	2.3	6
69	What's New in Limb Lengthening and Deformity Correction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1527-1534.	3.0	5
70	Proximal tibial osteotomy for genu varum: Radiological evaluation of deformity correction with a plate vs external fixator. <i>World Journal of Orthopedics</i> , 2021, 12, 140-151.	1.8	5
71	Cost Comparison of Tibial Distraction Osteogenesis Using External Lengthening and Then Nailing vs Internal Magnetic Lengthening Nails. <i>Strategies in Trauma and Limb Reconstruction</i> , 2021, 16, 14-19.	0.8	4
72	Osseointegration Amputation Reconstruction. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2022, 10, 61-70.	0.8	4

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73	Distal femoral flexion deformity from growth disturbance treated with a two-level osteotomy and internal lengthening nail. <i>Strategies in Trauma and Limb Reconstruction</i> , 2017, 12, 159-167.	0.8	3
74	A Preliminary Comparison Suggests Poor Performance of Carbon Fiber Reinforced Versus Titanium Plates in Distal Femoral Osteotomy. <i>HSS Journal</i> , 2018, 14, 258-265.	1.7	3
75	Hip-Sparing Equalization Procedures for Leg-Length Discrepancy After Total Hip Arthroplasty: A Retrospective Case Series. <i>HSS Journal</i> , 2020, 16, 400-407.	1.7	3
76	Subtalar distraction arthroplasty with bone marrow aspirate concentrate (BMAC), preliminary results of a new joint preservation technique. <i>Foot and Ankle Surgery</i> , 2021, 27, 87-92.	1.7	3
77	Limb Length Discrepancy and Angular Deformity due to Benign Bone Tumors and Tumor-like Lesions. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.7	3
78	Core psychosocial issues for children and adolescents in the context of limb lengthening and reconstruction surgery treatment. <i>Journal of Children's Orthopaedics</i> , 2021, 15, 122-129.	1.1	3
79	Intramedullary Antibiotic Depot Does Not Preclude Successful Intramedullary Lengthening or Compression. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, e309-e314.	1.4	3
80	Prophylaxis and treatment of infection in long bones using an antibiotic-loaded ceramic coating with interlocking intramedullary nails. <i>Journal of Bone and Joint Infection</i> , 2022, 7, 101-107.	1.5	3
81	Osteotomies About the Knee: Managing Rotational Deformities. <i>Operative Techniques in Sports Medicine</i> , 2022, 30, 150938.	0.3	3
82	What's New in Limb Lengthening and Deformity Correction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1436-1442.	3.0	2
83	Comparison and Validation of Preoperative Planning Techniques for Distal Femoral Osteotomies and Proximal Tibial Osteotomies. <i>Journal of Knee Surgery</i> , 2021, 34, 1510-1515.	1.6	2
84	Short-term Results of Magnetic Resonance Imaging after Ankle Distraction Arthroplasty. <i>Strategies in Trauma and Limb Reconstruction</i> , 2020, 15, 157-162.	0.8	2
85	Ankle distraction arthroplasty (ADA): A brief review and technical pearls. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, 24, 101708.	1.5	2
86	Distraction Osteogenesis and Fusion for Failed First Metatarsophalangeal Joint Replacement: Case Series. <i>Foot and Ankle International</i> , 2018, 39, 242-249.	2.3	1
87	The Variable Effects of NSAIDs on Osteotomy Healing and Opioid Consumption. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e20.00039.	0.7	1
88	Humerus Lengthening: A Comparison of the Internal Lengthening Nail to External Fixation. <i>HSS Journal</i> , 2021, 17, 207-212.	1.7	1
89	A novel translation system for circular external fixation to correct translational bony deformities. <i>Injury</i> , 2021, 52, 1079-1082.	1.7	0
90	Hexapod External Fixation for Fractures and Nonunions. , 2021, , 43-56.		0

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91	Complex Ankle Fusion and Tibial Lengthening Using the LATN Technique. , 2014, , 1-13.		0
92	Complex Ankle Fusion and Tibial Lengthening Using the LATN Technique. , 2015, , 1-13.		0
93	Case 44: Complex Ankle Fusion and Tibial Lengthening Using the LATN Technique. , 2015, , 313-319.		0
94	External Fixators for Deformity Correction. , 2020, , 107-126.		0
95	Intramedullary Lengthening and Compression Nails. , 2020, , 299-326.		0
96	Compression of Nonunions With the PRECICE Magnetic Intramedullary Compression Nail. Techniques in Orthopaedics, 2020, 35, 214-218.	0.2	0