

# MaCalus V. Hogan

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

2,187  
citations

257101

24  
h-index

253896

43  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research During Orthopaedic Training. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2022, 30, e461-e469.	1.1	4
2	Osteochondral Lesions of the Tibial Plafond and Ankle Instability With Ankle Cartilage Lesions: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2022, 43, 448-452.	1.1	3
3	Influence of Medical Marijuana on Interleukin-1 $\beta$ Treated Cartilage: An in Vitro Study. <i>Foot &amp; Ankle Orthopaedics</i> , 2022, 7, 2473011421S0050.	0.1	0
4	Using Simultaneous Confidence Bands to Calculate the Margin of Error in Estimating Typical Biomechanical Waveforms. <i>Journal of Applied Biomechanics</i> , 2022, 38, 232-236.	0.3	5
5	Characterization of the structure, vascularity, and stem/progenitor cell populations in porcine Achilles tendon (PAT). <i>Cell and Tissue Research</i> , 2021, 384, 367-387.	1.5	11
6	Updates on Lisfranc Complex Injuries. <i>Foot &amp; Ankle Orthopaedics</i> , 2021, 6, 247301142098227.	0.1	12
7	Achieving a Diverse, Equitable, and Inclusive Environment for the Black Orthopaedic Surgeon. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1040-1045.	1.4	9
8	Syndesmosis Repair Affects in Vivo Distal Interosseous Tibiofibular Ligament Elongation Under Static Loads and During Dynamic Activities. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1927-1936.	1.4	4
9	Platelet HMGB1 in Platelet-Rich Plasma (PRP) promotes tendon wound healing. <i>PLoS ONE</i> , 2021, 16, e0251166.	1.1	11
10	Current Resident and Faculty Mentorship Satisfaction and Important Mentee Functions in Orthopedic Surgery: An American Orthopedic Association North American Traveling Fellowship Project. <i>Journal of Surgical Education</i> , 2021, 78, 1735-1754.	1.2	8
11	Biologic therapies for foot and ankle injuries. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1-14.	1.4	3
12	Increased Expression of FGF $\alpha$ 21 Negatively Affects Bone Homeostasis in Dystrophin/Utrophin Double Knockout Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 738-752.	3.1	18
13	Hybrid Fixation Restores Tibiofibular Kinematics for Early Weightbearing After Syndesmotic Injury. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712094674.	0.8	8
14	Effect of Metformin on Development of Tendinopathy Due to Mechanical Overloading in an Animal Model. <i>Foot and Ankle International</i> , 2020, 41, 1455-1465.	1.1	12
15	Sonographically Guided Anchor Placement in Anterior Talofibular Ligament Repair Is Anatomic and Accurate. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712096732.	0.8	10
16	Bilateral Symmetry, Sex Differences, and Primary Shape Factors in Ankle and Hindfoot Bone Morphology. <i>Foot &amp; Ankle Orthopaedics</i> , 2020, 5, 247301142090879.	0.1	11
17	Validation and application of dynamic biplane radiography to study in vivo ankle joint kinematics during high-demand activities. <i>Journal of Biomechanics</i> , 2020, 103, 109696.	0.9	15
18	In Vivo Ankle Kinematics Revealed Through Biplane Radiography: Current Concepts, Recent Literature, and Future Directions. <i>Current Reviews in Musculoskeletal Medicine</i> , 2020, 13, 77-85.	1.3	6

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19	Moderate and intensive mechanical loading differentially modulate the phenotype of tendon stem/progenitor cells in vivo. PLoS ONE, 2020, 15, e0242640.	1.1	6
20	Calcaneal Eversion Affects Coupled Knee Rotation During Gait. Medicine and Science in Sports and Exercise, 2020, 52, 731-732.	0.2	0
21	Medical comorbidities increase the rate of surgical site infection in primary Achilles tendon repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2840-2851.	2.3	15
22	Biologic Adjuvants for the Management of Osteochondral Lesions of the Talus. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, e105-e111.	1.1	8
23	Ultrasound-Guided Ankle Lateral Ligament Stabilization. Current Reviews in Musculoskeletal Medicine, 2019, 12, 497-508.	1.3	12
24	Research-Track Residency Programs in Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2019, 101, 1420-1427.	1.4	13
25	Selectively activated PRP exerts differential effects on tendon stem/progenitor cells and tendon healing. Journal of Tissue Engineering, 2019, 10, 204173141882003.	2.3	14
26	In a small retrospective cohort of patients with syndesmotic injury, only athletes benefited from placement of a suture button device: a pilot study. Journal of ISAKOS, 2019, 4, 21-25.	1.1	4
27	Osteochondral Lesions of the Talus. Operative Techniques in Orthopaedics, 2018, 28, 91-95.	0.2	3
28	Lisfranc Injuries in the Athlete. Operative Techniques in Orthopaedics, 2018, 28, 96-103.	0.2	59
29	Management of Symptomatic Plantar Fasciitis. Operative Techniques in Orthopaedics, 2018, 28, 73-78.	0.2	4
30	Characterization of the structure, cells, and cellular mechanobiological response of human plantar fascia. Journal of Tissue Engineering, 2018, 9, 204173141880110.	2.3	20
31	Management of Posttraumatic Ankle Arthritis: Literature Review. Current Reviews in Musculoskeletal Medicine, 2018, 11, 546-557.	1.3	41
32	Editorial. Foot and Ankle International, 2018, 39, 1S-2S.	1.1	12
33	The 2017 American Orthopaedic Association North American Traveling Fellowship. Journal of Bone and Joint Surgery - Series A, 2018, 100, e84.	1.4	2
34	The role of biologic in foot and ankle trauma—a review of the literature. Current Reviews in Musculoskeletal Medicine, 2018, 11, 495-502.	1.3	6
35	Conservative Management and Biological Treatment Strategies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Foot and Ankle International, 2018, 39, 9S-15S.	1.1	49
36	Debridement, Curettage, and Bone Marrow Stimulation: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. Foot and Ankle International, 2018, 39, 16S-22S.	1.1	66

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37	Diagnosis: History, Physical Examination, Imaging, and Arthroscopy: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 3S-8S.	1.1	18
38	Fixation Techniques: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 23S-27S.	1.1	37
39	Osteochondral Allograft: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 35S-40S.	1.1	20
40	Post-treatment Follow-up, Imaging, and Outcome Scores: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 68S-73S.	1.1	20
41	Rehabilitation and Return to Sports: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 61S-67S.	1.1	21
42	Scaffold-Based Therapies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 41S-47S.	1.1	45
43	Subchondral Pathology: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 48S-53S.	1.1	25
44	Altered bone-regulating myokine expression in skeletal muscle Of Duchenne muscular dystrophy mouse models. <i>Muscle and Nerve</i> , 2018, 58, 573-582.	1.0	16
45	OTO Editorial Summary. <i>Operative Techniques in Orthopaedics</i> , 2018, 28, 53.	0.2	0
46	Kartogenin with PRP promotes the formation of fibrocartilage zone in the tendon-bone interface. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3445-3456.	1.3	36
47	The combined use of kartogenin and platelet-rich plasma promotes fibrocartilage formation in the wounded rat Achilles tendon entheses. <i>Bone and Joint Research</i> , 2017, 6, 231-244.	1.3	42
48	The superior regenerative potential of muscle-derived stem cells for articular cartilage repair is attributed to high cell survival and chondrogenic potential. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16065.	1.8	12
49	Developing Performance and Assessment Platforms in Foot and Ankle Surgery. <i>Foot and Ankle International</i> , 2016, 37, 670-679.	1.1	3
50	Retention of Skills After Simulation-based Training in Orthopaedic Surgery. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, 505-514.	1.1	51
51	How Do Hindfoot Fusions Affect Ankle Biomechanics: A Cadaver Model. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1008-1016.	0.7	32
52	Primary Tumors of the Foot and Ankle. <i>Foot and Ankle Specialist</i> , 2016, 9, 58-68.	0.5	16
53	Validation of the Foot and Ankle Outcome Score for Hallux Rigidus. <i>HSS Journal</i> , 2016, 12, 44-50.	0.7	26
54	Customized platelet-rich plasma with transforming growth factor $\beta$ 1 neutralization antibody to reduce fibrosis in skeletal muscle. <i>Biomaterials</i> , 2016, 87, 147-156.	5.7	92

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55	Arthroscopic Bone Marrow Stimulation and Concentrated Bone Marrow Aspirate for Osteochondral Lesions of the Talus: A Case-Control Study of Functional and Magnetic Resonance Observation of Cartilage Repair Tissue Outcomes. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 339-347.	1.3	94
56	The differential effects of leukocyte-containing and pure platelet-rich plasma (PRP) on tendon stem/progenitor cells - implications of PRP application for the clinical treatment of tendon injuries. <i>Stem Cell Research and Therapy</i> , 2015, 6, 173.	2.4	144
57	Investigating the Relationship Between Ankle Arthrodesis and Adjacent-Joint Arthritis in the Hindfoot. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 513-519.	1.4	88
58	Subtalar Coalitions in the Adult. <i>Foot and Ankle Clinics</i> , 2015, 20, 283-291.	0.5	9
59	What's New in Sports Medicine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 682-690.	1.4	3
60	Tissue Engineering of Ligaments for Reconstructive Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 971-979.	1.3	22
61	The Role of Stem Cells and Tissue Engineering in Orthopaedic Sports Medicine: Current Evidence and Future Directions. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 1017-1021.	1.3	26
62	The AAOS Resident Assembly. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2015, 23, e11-e12.	1.1	1
63	Effects Of Cryotherapy On Femoral Nerve Afference In Healthy And Injured Knee Joints.. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 412.	0.2	0
64	Functional and MRI Outcomes After Arthroscopic Microfracture for Treatment of Osteochondral Lesions of the Distal Tibial Plafond. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1708-1715.	1.4	36
65	The Use of Biological Adjuncts. <i>Operative Techniques in Orthopaedics</i> , 2014, 24, 224-229.	0.2	0
66	Sensory response following knee joint damage in rabbits. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 139.	0.8	14
67	What's New in Sports Medicine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 695-702.	1.4	1
68	Peripheral Nerve Repair and Reconstruction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 2144-2151.	1.4	220
69	Is Deltoid and Lateral Ligament Reconstruction Necessary in Varus and Valgus Ankle Osteoarthritis, and How Should These Procedures be Performed?. <i>Foot and Ankle Clinics</i> , 2013, 18, 517-527.	0.5	12
70	What's New in Sports Medicine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 756-766.	1.4	0
71	A Plantar Closing Wedge Osteotomy of the Medial Cuneiform for Residual Forefoot Supination in Flatfoot Reconstruction. <i>Foot and Ankle International</i> , 2013, 34, 1221-1226.	1.1	29
72	Development of an Injury Risk Function for First Metatarsophalangeal Joint Sprains. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 2144-2150.	0.2	18

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73	Sports-Related Concussion: Assessment and Management. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1618-1627.	1.4	20
74	Nerve Conduits for Nerve Repair or Reconstruction. Journal of the American Academy of Orthopaedic Surgeons, The, 2012, 20, 63-68.	1.1	67
75	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2012, 94, 757-765.	1.4	2
76	Candida lusitanae discitis after discogram in an immunocompetent patient. Spine Journal, 2011, 11, e1-e6.	0.6	35
77	Growth/differentiation factor-5 modulates the synthesis and expression of extracellular matrix and cell-adhesion-related molecules of rat Achilles tendon fibroblasts. Connective Tissue Research, 2011, 52, 353-364.	1.1	28
78	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2011, 93, 789-797.	1.4	26
79	Growth differentiation factor-5 regulation of extracellular matrix gene expression in murine tendon fibroblasts. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 191-200.	1.3	24
80	Tissue Engineering Solutions for Tendon Repair. Journal of the American Academy of Orthopaedic Surgeons, The, 2011, 19, 134-142.	1.1	51
81	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2010, 92, 250-263.	1.4	12
82	The Indications and Use of Bone Morphogenetic Proteins in Foot, Ankle, and Tibia Surgery. Foot and Ankle Clinics, 2010, 15, 543-551.	0.5	25
83	Adipose-Derived Mesenchymal Stem Cells Treated with Growth Differentiation Factor-5 Express Tendon-Specific Markers. Tissue Engineering - Part A, 2010, 16, 2941-2951.	1.6	136
84	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2009, 91, 241-256.	1.4	1
85	Critical Analysis of the Evidence for Current Technologies in Bone-Healing and Repair. Journal of Bone and Joint Surgery - Series A, 2008, 90, 85-91.	1.4	47