

# 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	Peripheral Nerve Repair and Reconstruction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 2144-2151.	1.4	220
2	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
3	Adipose-Derived Mesenchymal Stem Cells Treated with Growth Differentiation Factor-5 Express Tendon-Specific Markers. <i>Tissue Engineering - Part A</i> , 2010, 16, 2941-2951.	1.6	136
4	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
5	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
6	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
7	Nerve Conduits for Nerve Repair or Reconstruction. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2012, 20, 63-68.	1.1	67
8	Debridement, Curettage, and Bone Marrow Stimulation: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 16S-22S.	1.1	66
9	Lisfranc Injuries in the Athlete. <i>Operative Techniques in Orthopaedics</i> , 2018, 28, 96-103.	0.2	59
10	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
11	Tissue Engineering Solutions for Tendon Repair. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2011, 19, 134-142.	1.1	51
12	Conservative Management and Biological Treatment Strategies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. <i>Foot and Ankle International</i> , 2018, 39, 9S-15S.	1.1	49
13	Critical Analysis of the Evidence for Current Technologies in Bone-Healing and Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 85-91.	1.4	47
14	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
15	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
16	Management of Posttraumatic Ankle Arthritis: Literature Review. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 546-557.	1.3	41
17	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
18	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

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19	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
20	<i>Candida lusitanae</i> discitis after discogram in an immunocompetent patient. <i>Spine Journal</i> , 2011, 11, e1-e6.	0.6	35
21	How Do Hindfoot Fusions Affect Ankle Biomechanics: A Cadaver Model. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1008-1016.	0.7	32
22	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
23	Growth/differentiation factor-5 modulates the synthesis and expression of extracellular matrix and cell-adhesion-related molecules of rat Achilles tendon fibroblasts. <i>Connective Tissue Research</i> , 2011, 52, 353-364.	1.1	28
24	What's New in Sports Medicine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 789-797.	1.4	26
25	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
26	Validation of the Foot and Ankle Outcome Score for Hallux Rigidus. <i>HSS Journal</i> , 2016, 12, 44-50.	0.7	26
27	The Indications and Use of Bone Morphogenetic Proteins in Foot, Ankle, and Tibia Surgery. <i>Foot and Ankle Clinics</i> , 2010, 15, 543-551.	0.5	25
28	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
29	Growth differentiation factor-5 regulation of extracellular matrix gene expression in murine tendon fibroblasts. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 191-200.	1.3	24
30	Tissue Engineering of Ligaments for Reconstructive Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 971-979.	1.3	22
31	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
32	Sports-Related Concussion: Assessment and Management. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1618-1627.	1.4	20
33	Characterization of the structure, cells, and cellular mechanobiological response of human plantar fascia. <i>Journal of Tissue Engineering</i> , 2018, 9, 204173141880110.	2.3	20
34	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
35	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
36	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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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	Increased Expression of FGF $\beta$ 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
39	Primary Tumors of the Foot and Ankle. <i>Foot and Ankle Specialist</i> , 2016, 9, 58-68.	0.5	16
40	Altered bone $\beta$ regulating myokine expression in skeletal muscle Of Duchenne muscular dystrophy mouse models. <i>Muscle and Nerve</i> , 2018, 58, 573-582.	1.0	16
41	Medical comorbidities increase the rate of surgical site infection in primary Achilles tendon repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2840-2851.	2.3	15
42	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
43	Sensory response following knee joint damage in rabbits. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 139.	0.8	14
44	Selectively activated PRP exerts differential effects on tendon stem/progenitor cells and tendon healing. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141882003.	2.3	14
45	Research-Track Residency Programs in Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1420-1427.	1.4	13
46	What's New in Sports Medicine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 250-263.	1.4	12
47	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
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	Editorial. <i>Foot and Ankle International</i> , 2018, 39, 1S-2S.	1.1	12
50	Ultrasound-Guided Ankle Lateral Ligament Stabilization. <i>Current Reviews in Musculoskeletal Medicine</i> , 2019, 12, 497-508.	1.3	12
51	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
52	Updates on Lisfranc Complex Injuries. <i>Foot &amp; Ankle Orthopaedics</i> , 2021, 6, 247301142098227.	0.1	12
53	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
54	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

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55	Platelet HMGB1 in Platelet-Rich Plasma (PRP) promotes tendon wound healing. PLoS ONE, 2021, 16, e0251166.	1.1	11
56	Sonographically Guided Anchor Placement in Anterior Talofibular Ligament Repair Is Anatomic and Accurate. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712096732.	0.8	10
57	Subtalar Coalitions in the Adult. Foot and Ankle Clinics, 2015, 20, 283-291.	0.5	9
58	Achieving a Diverse, Equitable, and Inclusive Environment for the Black Orthopaedic Surgeon. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1040-1045.	1.4	9
59	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
60	Hybrid Fixation Restores Tibiofibular Kinematics for Early Weightbearing After Syndesmotic Injury. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712094674.	0.8	8
61	Current Resident and Faculty Mentorship Satisfaction and Important Mentee Functions in Orthopedic Surgery: An American Orthopedic Association North American Traveling Fellowship Project. Journal of Surgical Education, 2021, 78, 1735-1754.	1.2	8
62	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
63	In Vivo Ankle Kinematics Revealed Through Biplane Radiography: Current Concepts, Recent Literature, and Future Directions. Current Reviews in Musculoskeletal Medicine, 2020, 13, 77-85.	1.3	6
64	Moderate and intensive mechanical loading differentially modulate the phenotype of tendon stem/progenitor cells in vivo. PLoS ONE, 2020, 15, e0242640.	1.1	6
65	Using Simultaneous Confidence Bands to Calculate the Margin of Error in Estimating Typical Biomechanical Waveforms. Journal of Applied Biomechanics, 2022, 38, 232-236.	0.3	5
66	Management of Symptomatic Plantar Fasciitis. Operative Techniques in Orthopaedics, 2018, 28, 73-78.	0.2	4
67	Syndesmosis Repair Affects in Vivo Distal Interosseous Tibiofibular Ligament Elongation Under Static Loads and During Dynamic Activities. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1927-1936.	1.4	4
68	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
69	Research During Orthopaedic Training. Journal of the American Academy of Orthopaedic Surgeons, The, 2022, 30, e461-e469.	1.1	4
70	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2015, 97, 682-690.	1.4	3
71	Developing Performance and Assessment Platforms in Foot and Ankle Surgery. Foot and Ankle International, 2016, 37, 670-679.	1.1	3
72	Osteochondral Lesions of the Talus. Operative Techniques in Orthopaedics, 2018, 28, 91-95.	0.2	3

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73	Biologic therapies for foot and ankle injuries. Expert Opinion on Biological Therapy, 2021, 21, 1-14.	1.4	3
74	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. Foot and Ankle International, 2022, 43, 448-452.	1.1	3
75	The 2017 American Orthopaedic Association North American Traveling Fellowship. Journal of Bone and Joint Surgery - Series A, 2018, 100, e84.	1.4	2
76	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2012, 94, 757-765.	1.4	2
77	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2009, 91, 241-256.	1.4	1
78	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2014, 96, 695-702.	1.4	1
79	The AAOS Resident Assembly. Journal of the American Academy of Orthopaedic Surgeons, The, 2015, 23, e11-e12.	1.1	1
80	What's New in Sports Medicine. Journal of Bone and Joint Surgery - Series A, 2013, 95, 756-766.	1.4	0
81	Effects Of Cryotherapy On Femoral Nerve Afference In Healthy And Injured Knee Joints.. Medicine and Science in Sports and Exercise, 2014, 46, 412.	0.2	0
82	The Use of Biological Adjuncts. Operative Techniques in Orthopaedics, 2014, 24, 224-229.	0.2	0
83	OTO Editorial Summary. Operative Techniques in Orthopaedics, 2018, 28, 53.	0.2	0
84	Calcaneal Eversion Affects Coupled Knee Rotation During Gait. Medicine and Science in Sports and Exercise, 2020, 52, 731-732.	0.2	0
85	Influence of Medical Marijuana on Interleukin-1 $\beta$ Treated Cartilage: An in Vitro Study. Foot & Ankle Orthopaedics, 2022, 7, 2473011421S0050.	0.1	0