

Michael Jagodzinski

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,100
citations

270111

25
h-index

263392

45
g-index

50
all docs

50
docs citations

50
times ranked

2726
citing authors

#	ARTICLE	IF	CITATIONS
1	Quadriceps and hamstring tendon autografts in ACL reconstruction yield comparably good results in a prospective, randomized controlled trial. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 281-289.	1.3	18
2	Effect of cyclic compression on bone marrow mesenchymal stromal cells in tissue engineered cartilage scaffold. Journal of Biomedical Materials Research - Part A, 2019, 107, 1294-1302.	2.1	13
3	Management of knee dislocation prior to ligament reconstruction: What is the current evidence? Update of a universal treatment algorithm. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 1001-1015.	0.6	42
4	Effect of single intralesional treatment of surgically induced equine superficial digital flexor tendon core lesions with adipose-derived mesenchymal stromal cells: a controlled experimental trial. Stem Cell Research and Therapy, 2017, 8, 129.	2.4	41
5	Influence of hydrodynamic pressure on the proliferation and osteogenic differentiation of bone mesenchymal stromal cells seeded on polyurethane scaffolds. Journal of Biomedical Materials Research - Part A, 2017, 105, 3445-3455.	2.1	8
6	Biomechanical comparison of fixation techniques for medial collateral ligament anatomical augmented repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 3982-3987.	2.3	22
7	Influence of biomechanical and biochemical stimulation on the proliferation and differentiation of bone marrow stromal cells seeded on polyurethane scaffolds. Experimental and Therapeutic Medicine, 2016, 11, 2086-2094.	0.8	9
8	Chondrocyte survival in osteochondral transplant cylinders depends on the harvesting technique. International Orthopaedics, 2016, 40, 1553-1558.	0.9	6
9	Smoking and Risk of Prosthesis-Related Complications after Total Hip Arthroplasty: A Meta-Analysis of Cohort Studies. PLoS ONE, 2015, 10, e0125294.	1.1	71
10	Bisphosphonate Use and Risk of Implant Revision after Total Hip/Knee Arthroplasty: A Meta-Analysis of Observational Studies. PLoS ONE, 2015, 10, e0139927.	1.1	41
11	An accuracy evaluation of clinical, arthrometric, and stress-sonographic acute ankle instability examinations. Foot and Ankle Surgery, 2015, 21, 42-48.	0.8	21
12	A novel implant-free tibial pull-press-fixation for ACL reconstruction. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1547-1552.	1.3	0
13	Biomechanical comparison of two surgical techniques for press-fit reconstruction of the posterolateral complex of the knee. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1579-1588.	1.3	5
14	Preliminary Results of a New Test for Rapid Diagnosis of Septic Arthritis with Use of Leukocyte Esterase and Glucose Reagent Strips. Journal of Bone and Joint Surgery - Series A, 2014, 96, 2032-2037.	1.4	35
15	Bone Marrow-Derived Cell Concentrates Have Limited Effects on Osteochondral Reconstructions in the Mini Pig. Tissue Engineering - Part C: Methods, 2014, 20, 215-226.	1.1	13
16	The Application of Induced Pluripotent Stem Cells for Bone Regeneration: Current Progress and Prospects. Tissue Engineering - Part B: Reviews, 2014, 20, 328-339.	2.5	26
17	Near-Infrared Spectroscopy Correlates with Established Histological Scores in a Miniature Pig Model of Cartilage Regeneration. The Open Orthopaedics Journal, 2014, 8, 93-99.	0.1	4
18	Enhanced migration of human bone marrow stromal cells in modified collagen hydrogels. International Orthopaedics, 2013, 37, 1605-1611.	0.9	10

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19	Meniscus reconstruction: today's achievements and premises for the future. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 95-109.	1.3	33
20	Analysis of Surface Protein Expression in Human Bone Marrow Stromal Cells: New Aspects of Culture-Induced Changes, Inter-Donor Differences and Intracellular Expression. Stem Cells and Development, 2013, 22, 3226-3235.	1.1	19
21	CaReSÂ® (MACT) versus microfracture in treating symptomatic patellofemoral cartilage defects: a retrospective matched-pair analysis. Journal of Orthopaedic Science, 2013, 18, 38-44.	0.5	52
22	Biomechanical Properties of Suture Anchor Repair Compared With Transosseous Sutures in Patellar Tendon Ruptures. American Journal of Sports Medicine, 2013, 41, 2540-2544.	1.9	65
23	Tibial inlay press-fit fixation versus interference screw in posterior cruciate ligament reconstruction. Orthopedic Reviews, 2013, 5, 35.	0.3	6
24	Reconstruction of osteochondral defects by combined bone grafting and a bilayer collagen membrane as a sandwich technique. Orthopedic Reviews, 2013, 5, e36.	0.3	4
25	A Novel Pull-Press Fixation. Techniques in Orthopaedics, 2013, 28, 176-179.	0.1	2
26	The Phosphate Source Influences Gene Expression and Quality of Mineralization during In Vitro Osteogenic Differentiation of Human Mesenchymal Stem Cells. PLoS ONE, 2013, 8, e65943.	1.1	51
27	General Principles for the Regeneration of Bone and Cartilage. Advances in Biochemical Engineering/Biotechnology, 2012, 130, 69-88.	0.6	3
28	Influence of perfusion and compression on the proliferation and differentiation of bone mesenchymal stromal cells seeded on polyurethane scaffolds. Biomaterials, 2012, 33, 1052-1064.	5.7	90
29	Seeding a human tendon matrix with bone marrow aspirates compared to previously isolated hBMSCs " An in vitro study. Technology and Health Care, 2011, 19, 469-479.	0.5	18
30	Gender and eccentric training in Achilles mid-portion tendinopathy. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 648-655.	2.3	32
31	Biodegradable Screw versus a Press-Fit Bone Plug Fixation for Hamstring Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2010, 38, 501-508.	1.9	50
32	Repair of a segmental long bone defect in human by implantation of a novel multiple disc graft. Bone, 2010, 46, 1457-1463.	1.4	51
33	Outcomes and Risks of Operative Treatment of Rupture of the Anterior Cruciate Ligament in Children and Adolescents. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 1539-1550.	1.3	215
34	Bone Marrow Stromal Cells in a Liquid Fibrin Matrix Improve the Healing Process of Patellar Tendon Window Defects. Tissue Engineering - Part A, 2009, 15, 1019-1030.	1.6	49
35	Perfusion and cyclic compression of mesenchymal cell-loaded and clinically applicable osteochondral grafts. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 1384-1392.	2.3	11
36	A system for engineering an osteochondral construct in the shape of an articular surface: Preliminary results. Annals of Anatomy, 2008, 190, 351-359.	1.0	7

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37	Cyclic strain induces FosB and initiates osteogenic differentiation of mesenchymal cells. <i>Experimental and Toxicologic Pathology</i> , 2008, 59, 355-363.	2.1	74
38	Tissue engineering of osteochondral constructs in vitro using bioreactors. <i>Injury</i> , 2008, 39, 66-76.	0.7	46
39	Hindlimb Growth after a Transphyseal Reconstruction of the Anterior Cruciate Ligament. <i>American Journal of Sports Medicine</i> , 2008, 36, 2437-2443.	1.9	51
40	Influence of fibrin glue on proliferation and differentiation of human bone marrow stromal cells seeded on a biologic 3-dimensional matrix. <i>Technology and Health Care</i> , 2008, 16, 93-101.	0.5	14
41	Eccentric Training Decreases Paratendon Capillary Blood Flow and Preserves Paratendon Oxygen Saturation in Chronic Achilles Tendinopathy. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2007, 37, 269-276.	1.7	85
42	Eccentric Training and an Achilles Wrap Reduce Achilles Tendon Capillary Blood Flow and Capillary Venous Filling Pressures and Increase Tendon Oxygen Saturation in Insertional and Midportion Tendinopathy. <i>American Journal of Sports Medicine</i> , 2007, 35, 189-196.	1.9	7
43	Eccentric Training and an Achilles Wrap Reduce Achilles Tendon Capillary Blood Flow and Capillary Venous Filling Pressures and Increase Tendon Oxygen Saturation in Insertional and Midportion Tendinopathy: A Randomized Trial. <i>American Journal of Sports Medicine</i> , 2007, 35, 673-673.	1.9	6
44	Effect of mechanical stability on fracture healing – an update. <i>Injury</i> , 2007, 38, S3-S10.	0.7	167
45	Tissue engineering of tendons and ligaments by human bone marrow stromal cells in a liquid fibrin matrix in immunodeficient rats: Results of a histologic study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007, 127, 815-821.	1.3	66
46	Achilles Tendon and Paratendon Microcirculation in Midportion and Insertional Tendinopathy in Athletes. <i>American Journal of Sports Medicine</i> , 2006, 34, 92-97.	1.9	140
47	Changes of Achilles Midportion Tendon Microcirculation after Repetitive Simultaneous Cryotherapy and Compression Using a Cryo/Cuff. <i>American Journal of Sports Medicine</i> , 2006, 34, 1953-1959.	1.9	46
48	Modulation of Proliferation and Differentiation of Human Bone Marrow Stromal Cells by Fibroblast Growth Factor 2: Potential Implications for Tissue Engineering of Tendons and Ligaments. <i>Tissue Engineering</i> , 2005, 11, 41-49.	4.9	198
49	Femoral Press-Fit Fixation of the Hamstring Tendons for Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2004, 32, 1723-1730.	1.9	21