

# Julian Mehl

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,068  
citations

516710

16  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arthroscopic Transtibial Pullout Repair for Posterior Medial Meniscus Root Tears: A Systematic Review of Clinical, Radiographic, and Second-Look Arthroscopic Results. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 1808-1816.	2.7	184
2	Association between patellar cartilage defects and patellofemoral geometry: a matched-pair MRI comparison of patients with and without isolated patellar cartilage defects. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 838-846.	4.2	85
3	The ACL-deficient knee and the prevalence of meniscus and cartilage lesions: a systematic review and meta-analysis (CRD42017076897). <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 819-841.	2.4	84
4	Slope-reducing tibial osteotomy decreases ACL-graft forces and anterior tibial translation under axial load. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3381-3389.	4.2	82
5	Evidence-based concepts for prevention of knee and ACL injuries. 2017 guidelines of the ligament committee of the German Knee Society (DKG). <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 51-61.	2.4	76
6	Isolated high tibial osteotomy is appropriate in less than two-thirds of varus knees if excessive overcorrection of the medial proximal tibial angle should be avoided. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3299-3309.	4.2	51
7	Geometry of the Valgus Knee: Contradicting the Dogma of a Femoral-Based Deformity. <i>American Journal of Sports Medicine</i> , 2017, 45, 909-914.	4.2	47
8	Dynamic Anterior Shoulder Stabilization With the Long Head of the Biceps Tendon: A Biomechanical Study. <i>American Journal of Sports Medicine</i> , 2019, 47, 1441-1450.	4.2	41
9	ACL deficiency and varus osteoarthritis: high tibial osteotomy alone or combined with ACL reconstruction?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 233-240.	2.4	34
10	Glenoid retroversion is an important factor for humeral head centration and the biomechanics of posterior shoulder stability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3952-3961.	4.2	34
11	Customized post-operative alignment improves clinical outcome following medial open-wedge osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2766-2773.	4.2	33
12	Biomechanical Comparison of Onlay Distal Biceps Tendon Repair: All-Suture Anchors Versus Titanium Suture Anchors. <i>American Journal of Sports Medicine</i> , 2019, 47, 2478-2483.	4.2	30
13	Failure Analysis in Patients With Patellar Redislocation After Primary Isolated Medial Patellofemoral Ligament Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712092617.	1.7	29
14	Osseous valgus alignment and posteromedial ligament complex deficiency lead to increased ACL graft forces. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1119-1129.	4.2	26
15	Smoking and obesity influence the risk of nonunion in lateral opening wedge, closing wedge and torsional distal femoral osteotomies. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2551-2557.	4.2	24
16	Repair of the medial patellofemoral ligament with suture tape augmentation leads to similar primary contact pressures and joint kinematics like reconstruction with a tendon graft: a biomechanical comparison. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 478-488.	4.2	21
17	Proximal Humerus and Ilium Are Reliable Sources of Bone Marrow Aspirates for Biologic Augmentation During Arthroscopic Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2403-2411.	2.7	18
18	Promising clinical and magnetic resonance imaging results after internal bracing of acute posterior cruciate ligament lesions in multiple injured knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 2543-2550.	4.2	16

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19	Improved Clinical Outcome and High Rate of Return to Low-Impact Sport and Work After Knee Double Level Osteotomy for Bifocal Varus Malalignment. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1944-1953.	2.7	14
20	Biomechanical Evaluation of Proximal Hamstring Repair: All-Suture Anchor Versus Titanium Suture Anchor. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596711989292.	1.7	12
21	Degenerative isolated cartilage defects of the patellofemoral joint are associated with more severe symptoms compared to trauma-related defects: results of the German Cartilage Registry (KnorpelRegister DGOU). <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 580-589.	4.2	11
22	Management after acute rupture of the anterior cruciate ligament (ACL). Part 1: ACL reconstruction has a protective effect on secondary meniscus and cartilage lesions. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 1665-1674.	4.2	11
23	Improved clinical outcome after medial open-wedge osteotomy despite cartilage lesions in the lateral compartment. <i>PLoS ONE</i> , 2019, 14, e0224080.	2.5	10
24	All-suture anchor and unicortical button show comparable biomechanical properties for onlay subpectoral biceps tenodesis. <i>JSES International</i> , 2020, 4, 833-837.	1.6	9
25	Anterior cruciate ligament (ACL) repair using cortical or anchor fixation with suture tape augmentation vs ACL reconstruction: A comparative biomechanical analysis. <i>Knee</i> , 2022, 34, 76-88.	1.6	8
26	Acellular dermal matrix augmentation significantly increases ultimate load to failure of pectoralis major tendon repair: a biomechanical study. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 728-735.	2.6	7
27	Nucleated Cell Count Has Negligible Predictive Value for the Number of Colony-Forming Units for Connective Tissue Progenitor Cells (Stem Cells) in Bone Marrow Aspirate Harvested From the Proximal Humerus During Arthroscopic Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2043-2052.	2.7	7
28	Biconcave glenoids show 3 differently oriented posterior erosion patterns. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2620-2628.	2.6	7
29	Clinical mid- to long-term outcome after autologous chondrocyte implantation for patellar cartilage lesions and its correlation with the geometry of the femoral trochlea. <i>Knee</i> , 2019, 26, 364-373.	1.6	6
30	The effect of a single consecutive volume aspiration on concentrated bone marrow from the proximal humerus for clinical application. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 543.	1.9	6
31	Glenoid version is associated with different labrum tear patterns in shoulder instability. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 1642-1649.	2.6	6
32	Good clinical outcomes after patellar cartilage repair with no evidence for inferior results in complex cases with the need for additional patellofemoral realignment procedures: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1752-1768.	4.2	6
33	Autologous chondrocyte implantation combined with anterior cruciate ligament reconstruction: similar short-term results in comparison with isolated cartilage repair in ligament intact joints. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3249-3257.	4.2	5
34	Biologically Augmented Suture for Ligament Bracing Procedures Positively Affects Human Ligamentocytes and Osteoblasts In Vitro. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 498-505.	2.7	5
35	Excellent clinical and radiological outcomes after both open flake refixation and autologous chondrocyte implantation following acute patella dislocation and concomitant flake fractures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3334-3342.	4.2	5
36	Injury Patterns, Risk Factors, and Return to Sport in Brazilian Jiu Jitsu: A Cross-sectional Survey of 1140 Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110625.	1.7	5

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37	Biomechanical Comparison of Anterograde and Retrograde Lesser Trochanter Avulsion Repair. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596711989228.	1.7	4
38	Midterm outcome and strength assessment after proximal rectus femoris refixation in athletes. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 2263-2270.	2.4	4
39	Midterm outcome and strength assessment after quadriceps tendon refixation with suture anchors. European Journal of Orthopaedic Surgery and Traumatology, 2022, , 1.	1.4	2
40	Suspension button constructs restore posterior knee laxity in solid tibial avulsion of the posterior cruciate ligament. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 4163-4171.	4.2	1