

# Elifho Obopilwe

## List of Publications by Year in descending order

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64  
papers

1,760  
citations

257357

24  
h-index

302012

39  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1097  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of a Combined Glenoid and Hill-Sachs Defect on Glenohumeral Stability. American Journal of Sports Medicine, 2015, 43, 1422-1429.	1.9	125
2	Rotational and Translational Stability of Different Methods for Direct Acromioclavicular Ligament Repair in Anatomic Acromioclavicular Joint Reconstruction. American Journal of Sports Medicine, 2014, 42, 2141-2148.	1.9	117
3	Biomechanical Comparison of Arthroscopic Repairs for Acromioclavicular Joint Instability. American Journal of Sports Medicine, 2011, 39, 2218-2225.	1.9	109
4	Slope-reducing tibial osteotomy decreases ACL-graft forces and anterior tibial translation under axial load. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3381-3389.	2.3	82
5	Sequential Resection of the Distal Clavicle and Its Effects on Horizontal Acromioclavicular Joint Translation. American Journal of Sports Medicine, 2012, 40, 681-685.	1.9	77
6	Biomechanical Evaluation of Arthroscopic Rotator Cuff Repairs Over Time. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 592-599.	1.3	74
7	Primary Stability of an Acromioclavicular Joint Repair Is Affected by the Type of Additional Reconstruction of the Acromioclavicular Capsule. American Journal of Sports Medicine, 2018, 46, 3471-3479.	1.9	61
8	Biomechanical Properties of Double- and Single-Row Suture Anchor Repair for Surgical Treatment of Insertional Achilles Tendinopathy. American Journal of Sports Medicine, 2013, 41, 1642-1648.	1.9	58
9	The Integrity of the Acromioclavicular Capsule Ensures Physiological Centering of the Acromioclavicular Joint Under Rotational Loading. American Journal of Sports Medicine, 2018, 46, 1432-1440.	1.9	57
10	Relationship Between Deltoid and Rotator Cuff Muscles During Dynamic Shoulder Abduction: A Biomechanical Study of Rotator Cuff Tear Progression. American Journal of Sports Medicine, 2018, 46, 1919-1926.	1.9	57
11	Biomechanical Effect of Superior Capsule Reconstruction Using a 3-mm and 6-mm Thick Acellular Dermal Allograft in a Dynamic Shoulder Model. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 355-364.	1.3	51
12	Repair of the entire superior acromioclavicular ligament complex best restores posterior translation and rotational stability. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3764-3770.	2.3	43
13	Headless Compression Screw Versus Kirschner Wire Fixation for Metacarpal Neck Fractures: A Biomechanical Study. Journal of Hand Surgery, 2017, 42, 392.e1-392.e6.	0.7	41
14	Dynamic Anterior Shoulder Stabilization With the Long Head of the Biceps Tendon: A Biomechanical Study. American Journal of Sports Medicine, 2019, 47, 1441-1450.	1.9	41
15	Comparison of Different Fixation Techniques of the Long Head of the Biceps Tendon in Superior Capsule Reconstruction for Irreparable Posterosuperior Rotator Cuff Tears: A Dynamic Biomechanical Evaluation. American Journal of Sports Medicine, 2021, 49, 305-313.	1.9	38
16	Biomechanical properties of repairs for dislocated AC joints using suture button systems with integrated tendon augmentation. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1931-1938.	2.3	37
17	Biomechanical Evaluation of Glenoid Reconstruction With an Implant-Free J-Bone Graft for Anterior Glenoid Bone Loss. American Journal of Sports Medicine, 2017, 45, 2849-2857.	1.9	35
18	Effect of Slope and Varus Correction High Tibial Osteotomy in the ACL-Deficient and ACL-Reconstructed Knee on Kinematics and ACL Graft Force: A Biomechanical Analysis. American Journal of Sports Medicine, 2021, 49, 410-416.	1.9	35

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19	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.	2.3	34
20	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.	1.9	30
21	Posteromedial Ligament Repair of the Knee With Suture Tape Augmentation: A Biomechanical Study. <i>American Journal of Sports Medicine</i> , 2019, 47, 2952-2959.	1.9	29
22	Mechanically superior matrices promote osteointegration and regeneration of anterior cruciate ligament tissue in rabbits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28655-28666.	3.3	28
23	Derotational Osteotomy of the Distal Femur for the Treatment of Patellofemoral Instability Simultaneously Leads to the Correction of Frontal Alignment: A Laboratory Cadaveric Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711877566.	0.8	27
24	Double-Layer Rotator Cuff Repair: Anatomic Reconstruction of the Superior Capsule and Rotator Cuff Improves Biomechanical Properties in Repairs of Delaminated Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , 2018, 46, 3165-3173.	1.9	26
25	LUCL internal bracing restores posterolateral rotatory stability of the elbow. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1195-1201.	2.3	26
26	Risk of fracture of the acromion depends on size and orientation of acromial bone tunnels when performing acromioclavicular reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 275-284.	2.3	23
27	A Biomechanical Analysis of Treatment Options for Enchondromas of the Hand. <i>Hand</i> , 2013, 8, 86-91.	0.7	21
28	A Biomechanical Analysis of Different Clavicular Tunnel Diameters in Anatomic Acromioclavicular Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1551-1557.	1.3	21
29	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.	2.3	21
30	The Effect of Lateral Opening Wedge Distal Femoral Varus Osteotomy on Tibiofemoral Contact Mechanics Through Knee Flexion. <i>American Journal of Sports Medicine</i> , 2018, 46, 3237-3244.	1.9	20
31	Graft Tensioning in Superior Capsular Reconstruction Improves Glenohumeral Joint Kinematics in Massive Irreparable Rotator Cuff Tears: A Biomechanical Study of the Influence of Superior Capsular Reconstruction on Dynamic Shoulder Abduction. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712095742.	0.8	20
32	Augmentation of Distal Biceps Repair With an Acellular Dermal Graft Restores Native Biomechanical Properties in a Tendon-Deficient Model. <i>American Journal of Sports Medicine</i> , 2017, 45, 2028-2033.	1.9	18
33	Reconstruction of the Acromioclavicular Ligament Complex Using Dermal Allograft: A Biomechanical Analysis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 108-115.	1.3	18
34	Medial meniscal extrusion greater than 4 mm reduces medial tibiofemoral compartment contact area: a biomechanical analysis of tibiofemoral contact area and pressures with varying amounts of meniscal extrusion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3124-3132.	2.3	18
35	Posterior Rotational and Translational Stability in Acromioclavicular Ligament Complex Reconstruction: A Comparative Biomechanical Analysis in Cadaveric Specimens. <i>American Journal of Sports Medicine</i> , 2020, 48, 2525-2533.	1.9	17
36	Acromion morphology and bone mineral density distribution suggest favorable fixation points for anatomic acromioclavicular reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2004-2012.	2.3	16

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37	A Superlaterally Placed Anchor for Subscapularis "Leading-Edge" Refixation: A Biomechanical Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1306-1313.e1.	1.3	16
38	Rotational range of motion of elliptical and spherical heads in shoulder arthroplasty: a dynamic biomechanical evaluation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 67-76.	1.3	14
39	The V-Shaped Distal Triceps Tendon Repair: A Comparative Biomechanical Analysis. <i>American Journal of Sports Medicine</i> , 2018, 46, 1952-1958.	1.9	13
40	Metacarpal shaft fixation: a biomechanical comparison of dorsal plating, lag screws, and headless compression screws. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 335.	0.8	13
41	A new approach to superior capsular reconstruction with hamstring allograft for irreparable posterosuperior rotator cuff tears: a dynamic biomechanical evaluation. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, S38-S47.	1.2	13
42	Flexor Hallucis Longus Transfer Improves Achilles Tendon Load to Failure in Surgery for Non-Insertional Tendinopathy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1505-1512.	1.4	12
43	Biomechanical Evaluation of Proximal Hamstring Repair: All-Suture Anchor Versus Titanium Suture Anchor. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596711989292.	0.8	12
44	How to avoid unintended valgus alignment in distal femoral derotational osteotomy for treatment of femoral torsional malalignment - a concept study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 553.	0.8	9
45	All-suture anchor and unicortical button show comparable biomechanical properties for onlay subpectoral biceps tenodesis. <i>JSES International</i> , 2020, 4, 833-837.	0.7	9
46	Bursal Acromial Reconstruction (BAR) Using an Acellular Dermal Allograft for Massive, Irreparable Posterosuperior Rotator Cuff Tears: A Dynamic Biomechanical Investigation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 297-306.e2.	1.3	9
47	Biomechanical comparison of lower trapezius and latissimus dorsi transfer for irreparable posterosuperior rotator cuff tears using a dynamic shoulder model. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 2392-2401.	1.2	9
48	Biomechanical evaluation of an arthroscopic transosseous repair as a revision option for failed rotator cuff surgery. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 240.	0.8	8
49	Footprint coverage comparison between knotted and knotless techniques in a single-row rotator cuff repair: biomechanical analysis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 123.	0.8	8
50	Increased Glenohumeral Joint Loads Due to a Supraspinatus Tear Can Be Reversed With Rotator Cuff Repair: A Biomechanical Investigation. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1422-1432.	1.3	8
51	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.	1.2	7
52	Biconcave glenoids show 3 differently oriented posterior erosion patterns. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2620-2628.	1.2	7
53	Biomechanical Comparison of Olecranon Sled Versus Intramedullary Screw Tension Banding for Olecranon Osteotomies. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711881607.	0.8	6
54	Elliptical heads result in increased glenohumeral translation along with micro-motion of the glenoid component during axial rotation in total shoulder arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 177-187.	1.3	6

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55	Biomechanical consequences of isolated, massive and irreparable posterosuperior rotator cuff tears on the glenohumeral joint. <i>Obere Extremitat</i> , 2021, 16, 120.	0.4	6
56	No correlation between radiolucency and biomechanical stability of keeled and pegged glenoid components. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 213.	0.8	5
57	Biomechanical Comparison of Fifth Carpometacarpal Fusion Methods: Kirschner Wires Versus Plate and Screws. <i>Techniques in Orthopaedics</i> , 2018, 33, 271-273.	0.1	4
58	Biomechanical Comparison of Anterograde and Retrograde Lesser Trochanter Avulsion Repair. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596711989228.	0.8	4
59	Influence of Glenosphere and baseplate parameters on Glenoid bone strains in reverse shoulder Arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 587.	0.8	3
60	Ability to Retention Knotless Suture Anchors: A Biomechanical Analysis of Simulated Bankart Lesions. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210987.	0.8	3
61	Subacromial bursa increases the failure force in a mouse model of supraspinatus detachment and repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, e519-e533.	1.2	3
62	Clavicular-Sided Tears Were the Most Frequent Mode of Failure During Biomechanical Analysis of Acromioclavicular Ligament Complex Failure During Adduction of the Scapula. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1723-e1728.	0.8	2
63	Augmentation of Distal Biceps Tendon Ruptures With the Lacertus Fibrosus: A Biomechanical Study in a Tendon-Deficient Model. <i>American Journal of Sports Medicine</i> , 2022, , 036354652110654.	1.9	0
64	Semitendinosus vs Gracilis Grafts With 1- vs 2-Tunnel Techniques for Coracoclavicular Ligament Reconstruction: A Biomechanical Study. <i>American Journal of Sports Medicine</i> , 2022, , 036354652210921.	1.9	0