

Andrew A Amis

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

18,042
citations

7251

80
h-index

17373

126
g-index

254
all docs

254
docs citations

254
times ranked

6751
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomy and biomechanics of the medial patellofemoral ligament. <i>Knee</i> , 2003, 10, 215-220.	0.8	642
2	Functional anatomy of the anterior cruciate ligament. Fibre bundle actions related to ligament replacements and injuries. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1991, 73-B, 260-267.	3.4	605
3	The consequences of meniscectomy. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006, 88-B, 1549-1556.	3.4	460
4	The mechanical properties of the two bundles of the human posterior cruciate ligament. <i>Journal of Biomechanics</i> , 1994, 27, 13-24.	0.9	379
5	The anterolateral ligament. <i>Bone and Joint Journal</i> , 2014, 96-B, 325-331.	1.9	348
6	The effects of articular, retinacular, or muscular deficiencies on patellofemoral joint stability. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2005, 87-B, 577-582.	3.4	310
7	Tensile strength of the medial patellofemoral ligament before and after repair or reconstruction. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2005, 87-B, 36-40.	3.4	283
8	The Role of the Anterolateral Structures and the ACL in Controlling Laxity of the Intact and ACL-Deficient Knee. <i>American Journal of Sports Medicine</i> , 2016, 44, 345-354.	1.9	276
9	Quantitative study of the quadriceps muscles and trochlear groove geometry related to instability of the patellofemoral joint. <i>Journal of Orthopaedic Research</i> , 1998, 16, 136-143.	1.2	263
10	The Role of the Medial Collateral Ligament and Posteromedial Capsule in Controlling Knee Laxity. <i>American Journal of Sports Medicine</i> , 2006, 34, 1815-1823.	1.9	248
11	The anterolateral complex of the knee: results from the International ALC Consensus Group Meeting. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 166-176.	2.3	242
12	PCL reconstruction. In vitro biomechanical comparison of 'isometric' versus single and double-bundled 'anatomic' grafts. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1998, 80, 173-9.	3.4	231
13	Structural properties of the medial collateral ligament complex of the human knee. <i>Journal of Biomechanics</i> , 2005, 38, 1067-1074.	0.9	227
14	Current Concepts Review. <i>American Journal of Sports Medicine</i> , 2007, 35, 484-492.	1.9	220
15	Posteromedial Meniscocapsular Lesions Increase Tibiofemoral Joint Laxity With Anterior Cruciate Ligament Deficiency, and Their Repair Reduces Laxity. <i>American Journal of Sports Medicine</i> , 2016, 44, 400-408.	1.9	208
16	Current Concepts on Anatomy and Biomechanics of Patellar Stability. <i>Sports Medicine and Arthroscopy Review</i> , 2007, 15, 48-56.	1.0	204
17	Surgical Biomechanics of the Patellofemoral Joint. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 542-553.	1.3	202
18	Biomechanical Comparison of Anterolateral Procedures Combined With Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2017, 45, 347-354.	1.9	201

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19	Correlation between pre-operative periprosthetic bone density and post-operative bone loss in THA can be explained by strain-adaptive remodelling. <i>Journal of Biomechanics</i> , 1999, 32, 695-703.	0.9	199
20	Biomechanics of high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 197-205.	2.3	194
21	Anatomy of the posterior cruciate ligament and the menisocofemoral ligaments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2006, 14, 257-263.	2.3	186
22	The posteromedial corner revisited. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86-B, 674-681.	3.4	185
23	The attachments of the anteromedial and posterolateral fibre bundles of the anterior cruciate ligament. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 29-36.	2.3	182
24	Biomechanical Comparison of Anatomic Double-Bundle, Anatomic Single-Bundle, and Nonanatomic Single-Bundle Anterior Cruciate Ligament Reconstructions. <i>American Journal of Sports Medicine</i> , 2011, 39, 279-288.	1.9	182
25	The Medial Patellofemoral Ligament. <i>American Journal of Sports Medicine</i> , 2012, 40, 1871-1879.	1.9	179
26	Elbow joint force predictions for some strenuous isometric actions. <i>Journal of Biomechanics</i> , 1980, 13, 765-775.	0.9	175
27	Anatomic and Biomechanical Study of the Lateral Collateral and Popliteofibular Ligaments. <i>American Journal of Sports Medicine</i> , 2001, 29, 466-472.	1.9	175
28	Comparative Pull-Out and Cyclic-Loading Strength Tests of Anchorage of Hamstring Tendon Grafts in Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 1999, 27, 621-625.	1.9	169
29	Biomechanics of the PCL and related structures: posterolateral, posteromedial and menisocofemoral ligaments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2003, 11, 271-281.	2.3	169
30	Length Change Patterns in the Lateral Extra-articular Structures of the Knee and Related Reconstructions. <i>American Journal of Sports Medicine</i> , 2015, 43, 354-362.	1.9	168
31	The Effect of Femoral Tunnel Position and Graft Tension on Patellar Contact Mechanics and Kinematics After Medial Patellofemoral Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2014, 42, 364-372.	1.9	163
32	Intraoperative measurement of knee kinematics in reconstruction of the anterior cruciate ligament. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2002, 84, 1075-81.	3.4	159
33	The effect of muscle loading on the simulation of bone remodelling in the proximal femur. <i>Journal of Biomechanics</i> , 2005, 38, 133-139.	0.9	155
34	Variation of finger forces in maximal isometric grasp tests on a range of cylinder diameters. <i>Journal of Biomedical Engineering</i> , 1987, 9, 313-320.	0.7	154
35	Patellofemoral kinematics during knee flexion-extension: An in vitro study. <i>Journal of Orthopaedic Research</i> , 2006, 24, 2201-2211.	1.2	154
36	The attachments of the anteromedial and posterolateral fibre bundles of the anterior cruciate ligament. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 1414-1421.	2.3	153

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37	Measurement of Patellar Tracking: Assessment and Analysis of the Literature. <i>Clinical Orthopaedics and Related Research</i> , 2003, 412, 241-259.	0.7	143
38	Finite element modelling of primary hip stem stability: The effect of interference fit. <i>Journal of Biomechanics</i> , 2008, 41, 587-594.	0.9	142
39	Biomechanics of the meniscus-meniscal ligament construct of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 1121-1132.	2.3	138
40	Effects of lateral retinacular release on the lateral stability of the patella. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2006, 14, 273-277.	2.3	135
41	Anterolateral Tenodesis or Anterolateral Ligament Complex Reconstruction: Effect of Flexion Angle at Graft Fixation When Combined With ACL Reconstruction. <i>American Journal of Sports Medicine</i> , 2017, 45, 3089-3097.	1.9	131
42	The Attachments of the Fiber Bundles of the Posterior Cruciate Ligament: An Anatomic Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 284-290.	1.3	129
43	The effect of trochleoplasty on patellar stability and kinematics. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2008, 90-B, 864-869.	3.4	124
44	Quantitative measurement of patellofemoral joint stability: Force-displacement behavior of the human patella in vitro. <i>Journal of Orthopaedic Research</i> , 2003, 21, 780-786.	1.2	123
45	Patellofemoral malalignment: looking beyond the viewbox. <i>Clinics in Sports Medicine</i> , 2002, 21, 521-546.	0.9	120
46	Biomechanics of intra-articular and extra-articular reconstruction of the anterior cruciate ligament. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1993, 75-B, 812-817.	3.4	117
47	The functions of the fibre bundles of the anterior cruciate ligament in anterior drawer, rotational laxity and the pivot shift. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 613-620.	2.3	117
48	Extra-articular techniques in anterior cruciate ligament reconstruction. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 1440-1448.	3.4	116
49	A comparative study of isometric points for anterior cruciate ligament graft attachment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2001, 9, 28-33.	2.3	114
50	Anatomy of the lateral retinaculum of the knee. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2008, 90-B, 527-534.	3.4	114
51	An anatomical study of meniscal allograft sizing. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2004, 12, 130-135.	2.3	112
52	Double-Bundle Anatomic Anterior Cruciate Ligament Reconstruction: A Cadaveric Study of Tunnel Positioning With a Transtibial Technique. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 7-13.	1.3	112
53	Loading of the two bundles of the posterior cruciate ligament: An analysis of bundle function in A-P drawer. <i>Journal of Biomechanics</i> , 1996, 29, 873-879.	0.9	110
54	Biomechanics of the menisci of the knee. <i>Orthopaedics and Trauma</i> , 2008, 22, 193-201.	0.3	109

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55	Biomechanics of rotational instability and anatomic anterior cruciate ligament reconstruction. Operative Techniques in Orthopaedics, 2005, 15, 29-35.	0.2	108
56	The effects of lateral meniscal allograft transplantation techniques on tibio-femoral contact pressures. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 553-560.	2.3	107
57	Lateral forceâ€“displacement behaviour of the human patella and its variation with knee flexion â€” a biomechanical study in vitro. Journal of Biomechanics, 1998, 31, 1147-1152.	0.9	103
58	Iliotibial band tension affects patellofemoral and tibiofemoral kinematics. Journal of Biomechanics, 2009, 42, 1539-1546.	0.9	103
59	The capsular ligaments provide more hip rotational restraint than the acetabular labrum and the ligamentum teres. Bone and Joint Journal, 2015, 97-B, 484-491.	1.9	102
60	Standardisation of the description of patellofemoral motion and comparison between different techniques. Knee Surgery, Sports Traumatology, Arthroscopy, 2002, 10, 184-193.	2.3	101
61	In vitro testing protocols for the cruciate ligaments and ligament reconstructions. Knee Surgery, Sports Traumatology, Arthroscopy, 1998, 6, S70-S76.	2.3	100
62	The effect of femoral attachment location on anterior cruciate ligament reconstruction: graft tension patterns and restoration of normal anterior?posterior laxity patterns. Knee Surgery, Sports Traumatology, Arthroscopy, 2005, 13, 92-100.	2.3	100
63	Biomechanical Comparisons of Knee Stability After Anterior Cruciate Ligament Reconstruction Between 2 Clinically Available Transtibial Procedures. American Journal of Sports Medicine, 2010, 38, 1349-1358.	1.9	98
64	The cartilaginous and osseous geometry of the femoral trochlear groove. Knee Surgery, Sports Traumatology, Arthroscopy, 2004, 12, 300-6.	2.3	97
65	Changes in Knee Kinematics Reflect the Articular Geometry after Arthroplasty. Clinical Orthopaedics and Related Research, 2008, 466, 2491-2499.	0.7	97
66	Tensile strength of the medial patellofemoral ligament before and after repair or reconstruction. Journal of Bone and Joint Surgery: British Volume, 2005, 87, 36-40.	3.4	97
67	International Meniscus Reconstruction Experts Forum (IMREF) 2015 Consensus Statement on the Practice of Meniscal Allograft Transplantation. American Journal of Sports Medicine, 2017, 45, 1195-1205.	1.9	95
68	A biomechanical evaluation of suture anchors in repair of the rotator cuff. Journal of Bone and Joint Surgery: British Volume, 1997, 79, 458-61.	3.4	95
69	The meniscofemoral ligaments: secondary restraints to the posterior drawer. Journal of Bone and Joint Surgery: British Volume, 2003, 85-B, 765-773.	3.4	94
70	The Effect of Tibial Tuberosity Medialization and Lateralization on Patellofemoral Joint Kinematics, Contact Mechanics, and Stability. American Journal of Sports Medicine, 2015, 43, 186-194.	1.9	94
71	Incidence and Mechanism of the Pivot Shift. Clinical Orthopaedics and Related Research, 1999, 363, 219-231.	0.7	91
72	Fixation of the graft in reconstruction of the anterior cruciate ligament. Journal of Bone and Joint Surgery: British Volume, 2005, 87-B, 593-603.	3.4	91

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73	The Geometry of the Trochlear Groove. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 782-788.	0.7	91
74	The effect of femoral component rotation on the kinematics of the tibiofemoral and patellofemoral joints after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1479-1487.	2.3	87
75	Effect of Medial Patellofemoral Ligament Reconstruction Method on Patellofemoral Contact Pressures and Kinematics. <i>American Journal of Sports Medicine</i> , 2016, 44, 1186-1194.	1.9	87
76	Meniscofemoral ligaments revisited. Anatomical study, age correlation and clinical implications. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2002, 84, 846-51.	3.4	86
77	A review of the function and biomechanics of the meniscofemoral ligaments. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2003, 19, 161-171.	1.3	85
78	The Role of Fibers in the Femoral Attachment of the Anterior Cruciate Ligament in Resisting Tibial Displacement. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 435-444.	1.3	81
79	Persistence of the Mini Pivot Shift after Anatomically Placed Anterior Cruciate Ligament Reconstruction. <i>Clinical Orthopaedics and Related Research</i> , 2007, 457, 203-209.	0.7	80
80	Contributions of the anterolateral complex and the anterolateral ligament to rotatory knee stability in the setting of ACL Injury: a roundtable discussion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 997-1008.	2.3	76
81	The contribution of the medial retinaculum and quadriceps muscles to patellar lateral stabilityâ€™ an in-vitro study. <i>Knee</i> , 2004, 11, 89-94.	0.8	75
82	The kinematics and stability of singleâ€™radius versus multiâ€™radius femoral components related to Midâ€™range instability after TKA. <i>Journal of Orthopaedic Research</i> , 2013, 31, 53-58.	1.2	75
83	Analysis of boneâ€™prosthesis interface micromotion for cementless tibial prosthesis fixation and the influence of loading conditions. <i>Journal of Biomechanics</i> , 2010, 43, 1074-1080.	0.9	74
84	The Ability of Medial Patellofemoral Ligament Reconstruction to Correct Patellar Kinematics and Contact Mechanics in the Presence of a Lateralized Tibial Tubercle. <i>American Journal of Sports Medicine</i> , 2015, 43, 2198-2207.	1.9	73
85	Forces in the Knee Joint Whilst Rising from Normal and Motorized Chairs. <i>Engineering in Medicine</i> , 1979, 8, 33-40.	0.6	72
86	Anterior cruciate ligament replacement. Knee stability and the effects of implants. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1989, 71-B, 819-824.	3.4	71
87	Biomechanics of a double prosthetic ligament in the anterior cruciate deficient knee. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1990, 72-B, 1038-1043.	3.4	70
88	A comparison of five tibial-fixation systems in hamstring-graft anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2004, 12, 391-7.	2.3	68
89	The Effects of Anterolateral Tenodesis on Tibiofemoral Contact Pressures and Kinematics. <i>American Journal of Sports Medicine</i> , 2017, 45, 3081-3088.	1.9	68
90	Repair of cartilage lesions using biological implants. A comparative histological and biomechanical study in goats. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1991, 73-B, 57-64.	3.4	66

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91	Unicompartmental Knee Arthroplasty Enables Near Normal Gait at Higher Speeds, Unlike Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 176-178.	1.5	66
92	Accuracy of an electromagnetic measurement device and application to the measurement and description of knee joint motion. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 1998, 212, 347-355.	1.0	65
93	Control of Laxity in Knees with Combined Posterior Cruciate Ligament and Posterolateral Corner Deficiency. <i>American Journal of Sports Medicine</i> , 2008, 36, 487-494.	1.9	65
94	The structural properties of the lateral retinaculum and capsular complex of the knee. <i>Journal of Biomechanics</i> , 2009, 42, 2323-2329.	0.9	65
95	Tribological properties of PVA/PVP blend hydrogels against articular cartilage. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 78, 36-45.	1.5	65
96	The Effects of Different Tensioning Strategies on Knee Laxity and Graft Tension after Double-Bundle Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2007, 35, 2083-2090.	1.9	62
97	The effect of overstuffing the patellofemoral joint on the extensor retinaculum of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 1211-1216.	2.3	62
98	Quantifying the pivot shift test: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 767-783.	2.3	62
99	Clinical biomechanics of instability related to total knee arthroplasty. <i>Clinical Biomechanics</i> , 2014, 29, 119-128.	0.5	61
100	The scientific rationale for lateral tenodesis augmentation of intra-articular ACL reconstruction using a modified â€˜Lemaireâ€™™ procedure. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1339-1344.	2.3	61
101	The effect on patellofemoral joint stability of selective cutting of lateral retinacular and capsular structures. <i>Journal of Biomechanics</i> , 2009, 42, 291-296.	0.9	60
102	PCL reconstruction. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1998, 80-B, 173-179.	3.4	58
103	Total ankle replacement design and positioning affect implant-bone micromotion and bone strains. <i>Medical Engineering and Physics</i> , 2017, 42, 80-90.	0.8	58
104	Meniscomfemoral ligamentsâ€™ structural and material properties. <i>Journal of Biomechanics</i> , 2002, 35, 1623-1629.	0.9	55
105	The medial ligaments and the ACL restrain anteromedial laxity of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3700-3708.	2.3	55
106	The effect of screw length and position on fixation of four-stranded hamstring grafts for anterior cruciate ligament reconstruction. <i>Knee</i> , 2003, 10, 97-102.	0.8	53
107	Sectioning the medial patellofemoral ligament alters patellofemoral joint kinematics and contact mechanics. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1423-1429.	1.2	53
108	Anteroposterior Laxity After Bicruciate-Retaining Total Knee Arthroplasty Is Closer to the Native Knee Than ACL-Resecting TKA: A Biomechanical Cadaver Study. <i>Journal of Arthroplasty</i> , 2015, 30, 2315-2319.	1.5	53

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109	The strength of artificial ligament anchorages. A comparative experimental study. Journal of Bone and Joint Surgery: British Volume, 1988, 70-B, 397-403.	3.4	52
110	Patellofemoral joint kinematics: The circular path of the patella around the trochlear axis. Journal of Orthopaedic Research, 2010, 28, 589-594.	1.2	52
111	Passive tension and gap formation of rotator cuff repairs. Journal of Shoulder and Elbow Surgery, 2004, 13, 664-667.	1.2	51
112	A comparison of modified Larson and "anatomic" posterolateral corner reconstructions in knees with combined PCL and posterolateral corner deficiency. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 305-312.	2.3	49
113	Length-change patterns of the medial collateral ligament and posterior oblique ligament in relation to their function and surgery. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3720-3732.	2.3	49
114	The Width:thickness Ratio of the Patella. Clinical Orthopaedics and Related Research, 2008, 466, 1198-1203.	0.7	47
115	Intraoperative measurement of knee kinematics in reconstruction of the anterior cruciate ligament. Journal of Bone and Joint Surgery: British Volume, 2002, 84-B, 1075-1081.	3.4	46
116	RSA Can Measure ACL Graft Stretching and Migration. Clinical Orthopaedics and Related Research, 2006, 448, 139-145.	0.7	44
117	Anterolateral knee biomechanics. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1015-1023.	2.3	44
118	A BIOMECHANICAL EVALUATION OF SUTURE ANCHORS IN REPAIR OF THE ROTATOR CUFF. Journal of Bone and Joint Surgery: British Volume, 1997, 79-B, 458-461.	3.4	43
119	Lack of evidence to support present medial release methods in total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 3100-3112.	2.3	43
120	Incidence and mechanism of the pivot shift. An in vitro study. Clinical Orthopaedics and Related Research, 1999, , 219-31.	0.7	43
121	Length change patterns of the extensor retinaculum and the effect of total knee replacement. Journal of Orthopaedic Research, 2009, 27, 865-870.	1.2	42
122	Downhill walking gait pattern discriminates between types of knee arthroplasty: improved physiological knee functionality in UKA versus TKA. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 1748-1755.	2.3	42
123	The envelope of passive motion allowed by the capsular ligaments of the hip. Journal of Biomechanics, 2015, 48, 3803-3809.	0.9	42
124	Meniscomfemoral ligaments revisited. Journal of Bone and Joint Surgery: British Volume, 2002, 84-B, 846-851.	3.4	41
125	Length-change patterns of the collateral ligaments after total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1349-1356.	2.3	41
126	The bone attachments of the medial collateral and posterior oblique ligaments are defined anatomically and radiographically. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3709-3719.	2.3	40

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127	Strain-rate sensitivity of the lateral collateral ligament of the knee. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 41, 261-270.	1.5	39
128	Active Patellar Tracking Measurement. <i>American Journal of Sports Medicine</i> , 2004, 32, 1209-1217.	1.9	38
129	Biomechanics of Patellofemoral Joint Prostheses. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 20-29.	0.7	38
130	Biomechanical Analysis of Knee Laxity With Isolated Anteromedial or Posterolateral Bundleâ€œDeficient Anterior Cruciate Ligament. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014, 30, 335-343.	1.3	38
131	Digital volume correlation and micro-CT: An in-vitro technique for measuring full-field interface micromotion around polyethylene implants. <i>Journal of Biomechanics</i> , 2015, 48, 3447-3454.	0.9	38
132	Biomechanical Comparisons Between 4-Strand and Modified Larson 2-Strand Procedures for Reconstruction of the Posterolateral Corner of the Knee. <i>American Journal of Sports Medicine</i> , 2011, 39, 1462-1469.	1.9	37
133	Patellar thickness and lateral retinacular release affects patellofemoral kinematics in total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 526-533.	2.3	37
134	A comparative study of single-and double-bundle ACL reconstructions in sheep. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 1994, 2, 94-99.	2.3	36
135	Patellar resection during total knee arthroplasty: effect on bone strain and fracture risk. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2005, 13, 203-208.	2.3	35
136	Review: femoral tunnel placement for PCL reconstruction in relation to the PCL fibre bundle attachments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 652-659.	2.3	35
137	Can we define envelope of laxity during navigated knee arthroplasty?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1736-1743.	2.3	35
138	Kinematic behaviour and soft tissue management in guided motion total knee replacement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 3074-3082.	2.3	34
139	The fixation strength of a novel ACL soft-tissue graft fixation device compared with conventional interference screws: a biomechanical study in vitro. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 559-567.	2.3	33
140	A morphometric study of normal and varus knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2891-2899.	2.3	33
141	The Role of the Anterolateral Structures and the ACL in Controlling Laxity of the Intact and ACL-Deficient Knee: Response. <i>American Journal of Sports Medicine</i> , 2016, 44, NP15-NP18.	1.9	33
142	Prediction of structural failure of tibial bone models under physiological loads: Effect of CT densityâ€œmodulus relationships. <i>Medical Engineering and Physics</i> , 2014, 36, 991-997.	0.8	31
143	Properties and Function of the Medial Patellofemoral Ligament: A Systematic Review. <i>American Journal of Sports Medicine</i> , 2020, 48, 754-766.	1.9	31
144	The role of PCL reconstruction in knees with combined PCL and posterolateral corner deficiency. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 104-111.	2.3	30

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145	Rotator cuff repair failure in vivo: a radiostereometric measurement study. <i>Journal of Shoulder and Elbow Surgery</i> , 2011, 20, 1194-1199.	1.2	29
146	A comparative study of the effects of different bioactive fillers in PLGA matrix composites and their suitability as bone substitute materials: A thermo-mechanical and in vitro investigation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 50, 277-289.	1.5	29
147	Clinically relevant biomechanics of the knee capsule and ligaments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2789-2796.	2.3	29
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