Tatsuo Mae

List of Publications by Year
in descending order

93	2,475	230014 27	232693 48
papers	citations	h-index	g-index

95	95	95	1027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Glenoid Defect of 13.5% or Larger Is Not Always Critical in Male Competitive Rugby and American Football Players Undergoing Arthroscopic Bony Bankart Repair: Contribution of Resultant Large Bone Fragment. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 673-681.	1.3	17
2	On-the-Edge Anchor Placement May Be Protective Against Glenoid Rim Erosion After Arthroscopic Bankart Repair Compared to On-the-Face Anchor Placement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1099-1107.	1.3	6
3	Remaining Large Bone Fragment of a Bony Bankart Lesion in Shoulders With a Subcritical Glenoid Defect: Association With Recurrent Anterior Instability. American Journal of Sports Medicine, 2022, 50, 189-194.	1.9	10
4	Comparison of anterior knee laxity immediately after anatomic double-bundle anterior cruciate ligament reconstruction: Manual tensioning vs tensioning boot techniques. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2022, 28, 21-24.	0.4	1
5	Tibiofemoral Relationship 3 Weeks After Anatomic Triple-Bundle Anterior Cruciate Ligament Reconstruction With 10 N of Initial Tension Is Closer to Normal Knee Versus That With 20 N of Initial Tension. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 2232-2241.	1.3	2
6	Meniscal Displacement and Loss of Load-Transmission Function After Radial Tear of the Lateral Meniscus in a Porcine Model: New Insights Into the Functional Dynamics of the Injured Meniscus. American Journal of Sports Medicine, 2022, 50, 1850-1857.	1.9	6
7	Bipolar Bone Defects in Shoulders With Primary Instability: Dislocation Versus Subluxation. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110035.	0.8	5
8	Arthroscopic Debridement of Elbow Osteoarthritis Using CT-Based Computer-Aided Navigation Systems Is Accurate. Arthroscopy, Sports Medicine, and Rehabilitation, 2021, 3, e1687-e1696.	0.8	3
9	Anatomical Triple Bundle Anterior Cruciate Ligament Reconstructions With Hamstring Tendon Autografts: Tunnel Locations and 2-Year Clinical Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 2891-2900.	1.3	5
10	Tunnel Enlargement Correlates With Postoperative Posterior Laxity After Double-Bundle Posterior Cruciate Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712097783.	0.8	3
11	Effect of Rearfoot Strikes on the Hip and Knee Rotational Kinetic Chain During the Early Phase of Cutting in Female Athletes. Sports Medicine - Open, 2021, 7, 75.	1.3	5
12	Placement of sutures for inside-out meniscal repair: both sutures through meniscal tissue reduces displacement on cyclical loading. Journal of Experimental Orthopaedics, 2021, 8, 94.	0.8	2
13	Postoperative Recurrence of Instability After Arthroscopic Bankart Repair for Shoulders With Primary Instability Compared With Recurrent Instability: Influence of Bipolar Bone Defect Size. American Journal of Sports Medicine, 2020, 48, 48-55.	1.9	18
14	Progression of Erosive Changes of Glenoid Rim After Arthroscopic Bankart Repair. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 44-53.	1.3	10
15	A longitudinal tear in the medial meniscal body decreased the in situ meniscus force under an axial load. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3457-3465.	2.3	4
16	Tibial tunnel enlargement after anatomic anterior cruciate ligament reconstruction with a boneâ€“patellar tendonâ€“bone graft. Part 2: Factors related to the tibial tunnel enlargement. Journal of Orthopaedic Science, 2020, 25, 279-284.	0.5	6
17	Rearfoot strikes more frequently apply combined knee valgus and tibial internal rotation moments than forefoot strikes in females during the early phase of cutting maneuvers. Gait and Posture, 2020, 76, 364-371.	0.6	12
18	Comparison of tendon-bone healing between a newly developed ultrasound device and the conventional metallic drill in a rabbit MCL reconstruction model. Journal of Orthopaedic Science, 2020, 26, 908-914.	0.5	2

#	Article	IF	Citations
19	Anterior tibial loading on the calf enhances anterior tibial translation in the anterior cruciate ligament deficient knee in the anterior gravity radiographic view. Knee, 2020, 27, 1764-1771.	0.8	1
20	Residual graft tension after graft fixation in anterior cruciate ligament reconstruction: Manual vs tensioning boot techniques. Journal of Orthopaedic Science, 2020, 25, 1061-1066.	0.5	8
21	Vibration acceleration promotes endochondral formation during fracture healing through cellular chondrogenic differentiation. PLoS ONE, 2020, 15, e0229127.	1.1	3
22	Reduction of in situ force through the meniscus with phased inner resection of medial meniscus: an experimental study in a porcine model. Journal of Experimental Orthopaedics, 2020, 7, 21.	0.8	2
23	Significant anterior enlargement of femoral tunnel aperture after hamstring ACL reconstruction, compared to boneâ€“patellar tendonâ€“bone graft. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 461-470.	2.3	20
24	Characteristics of ultrasound device: a new technology for bone curettage and excavation. Journal of Experimental Orthopaedics, 2019, 6, 35.	0.8	4
25	Sequential analysis of three-dimensional tibiofemoral relationship through anatomic anterior cruciate ligament reconstruction with gravity-assisted radiographic technique in prone position. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2019, 18, 11-17.	0.4	0
26	Validation of the registration accuracy of navigation-assisted arthroscopic dÃ©bridement for elbow osteoarthritis. Journal of Shoulder and Elbow Surgery, 2019, 28, 2400-2408.	1.2	8
27	The Development Process of Bipolar Bone Defects From Primary to Recurrent Instability in Shoulders With Traumatic Anterior Instability. American Journal of Sports Medicine, 2019, 47, 695-703.	1.9	29
28	Computed Tomography Features of Glenoid Osteophytes in Traumatic Anterior Shoulder Instability: Comparison Between Younger and Older Patients. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711984690.	0.8	2
29	Anatomic triple-bundle ACL reconstruction using hamstring tendon. Annals of Joint, 2019, 4, 6-6.	1.0	1
30	Complementary Function of the Meniscofemoral Ligament and Lateral Meniscus Posterior Root to Stabilize the Lateral Meniscus Posterior Horn: A Biomechanical Study in a Porcine Knee Model. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711882160.	0.8	9
31	Excellent bone plugâ€“socket integration at 8 weeks after anterior cruciate ligament reconstruction using an adjustable-length loop cortical fixation device. Journal of ISAKOS, 2019, 4, 9-14.	1.1	1
32	Regional Distribution of Articular Cartilage Thickness in the Elbow Joint. JBJS Open Access, 2019, 4, e0011.	0.8	9
33	Changes of Bipolar Bone Defect Size After Arthroscopic Bankart Repair for Traumatic Anterior Shoulder Instability: Evaluation Using a Scoring System and Influence on Postoperative Recurrence. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711988534.	0.8	7
34	Relationship between bone plug position and morphological changes of tunnel aperture in anatomic rectangular tunnel ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2417-2425.	2.3	11
35	Anatomical rectangular tunnels identified with the arthroscopic landmarks result in excellent outcomes in ACL reconstruction with a BTB graft. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2680-2690.	2.3	22
36	Second-look arthroscopy after anatomic anterior cruciate ligamentÂreconstruction: Bone-patellar tendon-bone versus hamstringÂtendon graft. Journal of Orthopaedic Science, 2019, 24, 488-493.	0.5	12

#	Article	IF	Citations
37	Tibial tunnel enlargement after anatomic anterior cruciate ligament reconstruction with a boneâ€“patellar tendonâ€“bone graft. Part 1: Morphological change in the tibial tunnel. Journal of Orthopaedic Science, 2019, 24, 861-866.	0.5	1
38	Anterior laxity of the knee assessed with gravity stress radiograph. Skeletal Radiology, 2018, 47, 1349-1355.	1.2	10
39	Chronicity of Anterior Cruciate Ligament Deficiency, Part 1: Effects on the Tibiofemoral Relationship Before and Immediately After Anatomic ACL Reconstruction With Autologous Hamstring Grafts. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711775081.	0.8	10
40	Contact area between femoral tunnel and interference screw in anatomic rectangular tunnel ACL reconstruction: a comparison of outside-in and trans-portal inside-out techniques. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 519-525.	2.3	9
41	Loop Length Change of an Adjustable-Length Femoral Cortical Suspension Device in Anatomic Rectangular Tunnel Anterior Cruciate Ligament Reconstruction With a Boneâ€“Patellar Tendonâ€“Bone Graft and Associated Clinical Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 3063-3070.	1.3	13
42	Mechanical Properties of an Adjustable-Loop Cortical Suspension Device for Anterior Cruciate Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711879118.	0.8	4
43	Bipolar Bone Loss in Male Athletes With Traumatic Anterior Shoulder Instability: An Evaluation Using a New Scoring System. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711878242.	0.8	12
44	Early Structural Results After Anatomic Triple Bundle Anterior Cruciate Ligament Reconstruction Validated by Tunnel Location, Graft Orientation, and Static Anteroposterior Tibia-Femur Relationship. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 2656-2665.	1.3	8
45	Femoral tunnel enlargement after anatomic anterior cruciate ligament reconstruction: Bone-patellar tendon-bone /single rectangular tunnel versus hamstring tendon / double tunnels. Journal of Orthopaedic Science, 2018, 23, 1011-1018.	0.5	18
46	Clinical Outcome of Arthroscopic Bankart Repair Combined With Simultaneous Capsular Repair. American Journal of Sports Medicine, 2017, 45, 1289-1296.	1.9	17
47	Influence of Glenoid Defect Size and Bone Fragment Size on the Clinical Outcome After Arthroscopic Bankart Repair in Male Collision/Contact Athletes. American Journal of Sports Medicine, 2017, 45, 1967-1974.	1.9	39
48	ACL Graft Tensioning. , 2017, , 289-299.		1
49	Biomechanical testing of transcapsular meniscal repair. Journal of Experimental Orthopaedics, 2017, 4, 2.	0.8	10
50	Tibial insertions of the anterior cruciate ligament and the anterior horn of the lateral meniscus: A histological and computed tomographic study. Knee, 2017, 24, 782-791.	0.8	40
51	Effect of radial meniscal tear on in situ forces of meniscus and tibiofemoral relationship. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 355-361.	2.3	37
52	Risk Factors for the Postoperative Recurrence of Instability After Arthroscopic Bankart Repair in Athletes. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711772649.	0.8	67
53	Postoperative Recurrence of Instability Due to New Anterior Glenoid Rim Fractures After Arthroscopic Bankart Repair. American Journal of Sports Medicine, 2017, 45, 2840-2848.	1.9	27
54	Biomechanical characteristics of the anatomic rectangular tunnel anterior cruciate ligament reconstruction with a bone-patellar tendon-bone graft. Journal of Orthopaedic Science, 2017, 22, 886-891.	0.5	9

#	Article	IF	Citations
55	Varus-valgus instability in the anterior cruciate ligament-deficient knee: effect of posterior tibial load. Journal of Experimental Orthopaedics, 2017, 4, 24.	0.8	4
56	Morphological changes in tibial tunnels after anatomic anterior cruciate ligament reconstruction with hamstring tendon graft. Journal of Experimental Orthopaedics, 2017, 4, 30.	0.8	5
57	Novel flat and wide meniscal repair material improves the ultimate load of knot breakage in a porcine trans-capsular meniscal repair model. Journal of Experimental Orthopaedics, 2017, 4, 41.	0.8	4
58	Healing of tibial bone tunnels after bone grafting for staged revision anterior cruciate ligament surgery: A prospective computed tomography analysis. Knee, 2016, 23, 830-836.	0.8	32
59	Effects of suture site or penetration depth on anchor location in all-inside meniscal repair. Knee, 2016, 23, 1024-1028.	0.8	11
60	Triple-Bundle ACL Reconstruction with the Semitendinosus Tendon Graft. , 2016, , 319-331.		0
61	Anatomical Rectangular Tunnel ACL Reconstruction with a Bone-Patellar Tendon-Bone Graft. , 2016, , 377-387.		0
62	Tensioning and Fixation of the Graft. , 2016, , 211-220.		0
63	Morphological changes in femoral tunnels after anatomic anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3591-3600.	2.3	45
64	Excursion of bone-patella tendon-bone grafts during the flexionâ€“extension movement in anterior cruciate ligament reconstruction: Comparison between isometric and anatomic reconstruction techniques. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2015, 2, 85-89.	0.4	3
65	Anatomic ACL reconstruction: rectangular tunnel/boneâ€“patellar tendonâ€“bone or triple-bundle/semitendinosus tendon grafting. Journal of Orthopaedic Science, 2015, 20, 457-468.	0.5	72
66	Relationship Between Glenoid Defects and Hill-Sachs Lesions in Shoulders With Traumatic Anterior Instability. American Journal of Sports Medicine, 2015, 43, 2763-2773.	1.9	61
67	Outcome of anatomical double-bundle ACL reconstruction using hamstring tendons via an outside-in approach. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 1222-1230.	2.3	21
68	Enlargement of Glenoid Defects in Traumatic Anterior Shoulder Instability. Orthopaedic Journal of Sports Medicine, 2014, 2, 232596711452992.	0.8	33
69	Hill-Sachs Lesions in Shoulders With Traumatic Anterior Instability. American Journal of Sports Medicine, 2014, 42, 2597-2605.	1.9	64
70	The effect of cortical button location on its post-operative migration in anatomical double-bundle anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 1047-1054.	2.3	18
71	Biomechanical Comparison Between the Rectangular-Tunnel and the Round-Tunnel Anterior Cruciate Ligament Reconstruction Procedures With a Boneâ€“Patellar Tendonâ€“Bone Graft. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 1294-1302.	1.3	51
72	Risk factors for ipsilateral graft rupture or contralateral anterior cruciate ligament tear after anatomic double-bundle reconstruction. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2014, 1, 90-95.	0.4	0

#	Article	IF	Citations
73	Tibiofemoral relationship following anatomic triple-bundle anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2128-2135.	2.3	21
74	Immediate Postoperative Anterior Knee Stability: Double- Versus Triple-Bundle Anterior Cruciate Ligament Reconstructions. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 213-219.	1.3	29
75	In Vivo Graft Tension in Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction During Active Leg-Raising Motion With the Knee Splinted. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2012, 28, 532-538.	1.3	6
76	Triple-bundle ACL grafts evaluated by second-look arthroscopy. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 95-101.	2.3	29
77	Migration of EndoButton After Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 1528-1535.	1.3	52
78	The residentâ€™s ridge as an arthroscopic landmark for anatomical femoral tunnel drilling in ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 1164-1168.	2.3	147
79	Graft Tension During Active Knee Extension Exercise in Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 214-222.	1.3	17
80	Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction Using Hamstring Tendons With Minimally Required Initial Tension. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 1289-1295.	1.3	53
81	Outcome of double-bundle ACL reconstruction using hamstring tendons. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 456-463.	2.3	37
82	Optimization of Graft Fixation at the Time of Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2008, 36, 1087-1093.	1.9	69
83	Optimization of Graft Fixation at the Time of Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2008, 36, 1094-1100.	1.9	55
84	Anatomical two-bundle versus Rosenbergâ€™s isometric bi-socket ACL reconstruction: a biomechanical comparison in laxity match pretension. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 328-334.	2.3	42
85	Force sharing between two grafts in the anatomical two-bundle anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2006, 14, 505-509.	2.3	48
86	Anatomic anterior cruciate ligament reconstruction using two double-looped hamstring tendon grafts via twin femoral and triple tibial tunnels. Operative Techniques in Orthopaedics, 2005, 15, 130-134.	0.2	76
87	Effect of Gamma Irradiation on Remodeling Process of Tendon Allograft. Clinical Orthopaedics and Related Research, 2003, 414, 305-314.	0.7	26
88	Allograft Anterior Cruciate Ligament Reconstruction. Techniques in Knee Surgery, 2002, 1, 78-85.	0.1	75
89	Graft fixation with predetermined tension using a new device, the double spike plate. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2002, 18, 908-911.	1.3	53
90	Single- versus bi-socket anterior cruciate ligament reconstruction using autogenous multiple-stranded hamstring tendons with EndoButton femoral fixation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2001, 17, 801-807.	1.3	208

#	Article	IF	Citations
91	Singleâ€“ versus twoâ€“femoral socket anterior cruciate ligament reconstruction technique. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2001, 17, 708-716.	1.3	227
92	Single- versus bi-socket anterior cruciate ligament reconstruction using autogenous multiple-stranded hamstring tendons with endoButton femoral fixation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2001, 17, 801-807.	1.3	176
93	Anatomical rectangular tunnel ACL reconstruction with a bone-patellar tendon-bone graft: its concept, indication and efficacy. Annals of Joint, 0, 4, 12-12.	1.0	2