

# Ryosuke Kuroda

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

2,039  
citations

318942

23  
h-index

274796

44  
g-index

87  
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87  
docs citations

87  
times ranked

1844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Motion Analysis of Triangular Fibrocartilage Complex by Using Ultrasonography Images: Preliminary Analysis. <i>Sensors</i> , 2022, 22, 345.	2.1	4
2	Influence of adiponectin and inflammatory cytokines in fatty degenerative atrophic muscle. <i>Scientific Reports</i> , 2022, 12, 1557.	1.6	5
3	Second-Look Arthroscopic Findings and Clinical Outcomes after Adipose-Derived Regenerative Cell Injection in Knee Osteoarthritis. <i>Clinics in Orthopedic Surgery</i> , 2022, 14, 377.	0.8	9
4	The coronal lateral collateral ligament sign in the anterior cruciate ligament-injured knees was observed regardless of the knee laxity based on the quantitative measurements. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3508-3514.	2.3	3
5	Comparative Study of Circumferential Decompression and Posterior Decompression in Palliative Surgery for Metastatic Thoracic Spinal Tumors. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, .	0.7	1
6	The sagittal cutting plane affects evaluation of the femoral bone tunnel position on three-dimensional computed tomography after anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 398-404.	2.3	5
7	A novel topical treatment for bone metastases using a gelatin hydrogel incorporating cisplatin as a sustained release system. <i>Journal of Orthopaedic Research</i> , 2021, 39, 525-535.	1.2	4
8	Obesity is associated with less favorable outcomes following hip arthroscopic surgery: a systematic review and meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1483-1493.	2.3	15
9	The quantitative evaluation of anterior drawer test using an electromagnetic measurement system. <i>Sports Biomechanics</i> , 2021, , 1-12.	0.8	1
10	Bilateral Tibial Proximal Fractures Caused by Secondary Osteomalacia due to Autoimmune Polyendocrine Syndrome Type 2: A Case Report. <i>Journal of Orthopaedic Case Reports</i> , 2021, 11, 14-17.	0.1	0
11	Anatomic double-bundle anterior cruciate ligament reconstruction could not achieve sufficient control of pivot-shift when accompanying tibial tunnel coalition. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3743-3750.	2.3	4
12	Combined therapy of platelet-rich plasma and basic fibroblast growth factor using gelatin-hydrogel sheet for rotator cuff healing in rat models. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 605.	0.9	9
13	No difference in postoperative rotational laxity after ACL reconstruction in patients with and without anterolateral capsule injury: quantitative evaluation of the pivot-shift test at 1-year follow-up. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 489-494.	2.3	9
14	Evaluation of the accuracy of acetabular cup orientation using the accelerometer-based portable navigation system. <i>Journal of Orthopaedic Science</i> , 2020, 25, 612-617.	0.5	22
15	The predictive value of synovial glucose level in septic arthritis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2020, 29, 292-296.	0.3	8
16	Rotatory Knee Laxity Exists on a Continuum in Anterior Cruciate Ligament Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 213-220.	1.4	19
17	Extraskeletal Para-articular Osteochondroma of the Ankle Joint in a Child. <i>JBJS Case Connector</i> , 2020, 10, e0274-e0274.	0.1	1
18	Inhibition of Knee Osteoarthritis Progression in Mice by Administering SRT2014, an Activator of Silent Information Regulator 2 Ortholog 1. <i>Cartilage</i> , 2020, , 194760351990079.	1.4	15

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19	Gelatin hydrogels with eicosapentaenoic acid can prevent osteoarthritis progression in vivo in a mouse model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2157-2169.	1.2	17
20	Unrepaired lateral meniscus tears lead to remaining pivot-shift in ACL-reconstructed knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3504-3510.	2.3	27
21	Osteochondritis Dissecans of the Humeral Trochlea Treated with Mosaic-type Osteochondral Autologous Transplantation. <i>Journal of Orthopaedic Case Reports</i> , 2020, 10, 106-108.	0.1	0
22	Biomechanical Effects of Additional Anterolateral Structure Reconstruction With Different Femoral Attachment Sites on Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2019, 47, 3373-3380.	1.9	19
23	The Anterolateral Structure of the Knee Does Not Affect Anterior and Dynamic Rotatory Stability in Anterior Cruciate Ligament Injury: Quantitative Evaluation With the Electromagnetic Measurement System. <i>American Journal of Sports Medicine</i> , 2019, 47, 3381-3388.	1.9	20
24	Accuracy of cup orientation and learning curve of the accelerometer-based portable navigation system for total hip arthroplasty in the supine position. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901984887.	0.4	25
25	MRI-determined anterolateral capsule injury did not affect the pivot-shift in anterior cruciate ligament-injured knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3426-3431.	2.3	20
26	Prediction of quadriceps strength recovery after anterior cruciate ligament reconstruction with a hamstring autograft: Decision tree analysis. <i>Journal of Orthopaedic Science</i> , 2019, 24, 301-305.	0.5	8
27	Attenuation of osteoarthritis progression in mice following intra-articular administration of simvastatin-conjugated gelatin hydrogel. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 423-432.	1.3	26
28	The concomitant lateral meniscus injury increased the pivot shift in the anterior cruciate ligament-injured knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 646-651.	2.3	45
29	Stress distribution is deviated around the aperture of the femoral tunnel in the anatomic anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1145-1151.	2.3	17
30	Analysis of Graft Length Change Patterns in Medial Patellofemoral Ligament Reconstruction via a Fluoroscopic Guidance Method. <i>American Journal of Sports Medicine</i> , 2018, 46, 1150-1157.	1.9	11
31	Static anteroposterior knee laxity tests are poorly correlated to quantitative pivot shift in the ACL-deficient knee: a prospective multicentre study. <i>Journal of ISAKOS</i> , 2018, 3, 83-88.	1.1	3
32	Post-cam clunk syndrome after posterior stabilized total knee arthroplasty as a sign of early femoral component loosening. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2018, 11, 19-21.	0.4	1
33	Computer-assisted surgery prevents complications during peri-acetabular osteotomy. <i>International Orthopaedics</i> , 2018, 42, 2555-2561.	0.9	18
34	The diagnostic reliability of the quantitative pivot-shift evaluation using an electromagnetic measurement system for anterior cruciate ligament deficiency was superior to those of the accelerometer and iPad image analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2835-2840.	2.3	23
35	Correlation between quantitative pivot shift and generalized joint laxity: a prospective multicenter study of ACL ruptures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2362-2370.	2.3	30
36	Relatively Loose Flexion Gap Improves Patient-Reported Clinical Scores in Cruciate-Retaining Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2018, 31, 573-579.	0.9	15

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37	Anatomic Anterior Cruciate Ligament Reconstruction Using Hamstring Tendons Restores Quantitative Pivot Shift. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711881236.	0.8	14
38	Younger age and greater preoperative function predict compliance with 2-year follow-up visits after ACL reconstruction: an analysis of the PIVOT multicentre trial. <i>Journal of ISAKOS</i> , 2018, 3, 251-257.	1.1	1
39	High-grade rotatory knee laxity may be predictable in ACL injuries. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3762-3769.	2.3	24
40	A Development of Ankle Joint Range of Motion Measurement System Using Electromagnetic Tracking Device and Force Sensor. , 2018, , .		2
41	Clinical outcomes and biomechanical analysis of posterolateral bundle augmentation in patients with partial anterior cruciate ligament tears. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1279-1289.	2.3	17
42	Analysis of the influence of anaesthesia on the clinical and quantitative assessment of the pivot shift: a multicenter international study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3004-3011.	2.3	27
43	“Back to the future”: a historical perspective on the role of extra-articular reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2989-2992.	2.3	0
44	REVISION TOTAL KNEE ARTHROPLASTY USING THE MODERN CONSTRAINED CONDYLAR KNEE PROSTHESIS. <i>Acta Ortopedica Brasileira</i> , 2016, 24, 304-308.	0.2	7
45	Validation of Quantitative Measures of Rotatory Knee Laxity. <i>American Journal of Sports Medicine</i> , 2016, 44, 2393-2398.	1.9	64
46	Gait analysis of normal subjects by using force sensor and six inertial sensor with wireless module. , 2016, , .		4
47	Local Administration of Simvastatin Stimulates Healing of an Avascular Meniscus in a Rabbit Model of a Meniscal Defect. <i>American Journal of Sports Medicine</i> , 2016, 44, 1735-1743.	1.9	28
48	Electromagnetic tracking of the pivot-shift. <i>Current Reviews in Musculoskeletal Medicine</i> , 2016, 9, 164-169.	1.3	18
49	Biomechanical Function of Anterior Cruciate Ligament Remnants: Quantitative Measurement With a 3-Dimensional Electromagnetic Measurement System. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1359-1366.	1.3	18
50	Quantitative comparison of the pivot shift test results before and after anterior cruciate ligament reconstruction by using the three-dimensional electromagnetic measurement system. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2876-2881.	2.3	28
51	Local intra-articular injection of rapamycin delays articular cartilage degeneration in a murine model of osteoarthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, 482.	1.6	150
52	MDCT image based assessment of acetabular cup orientation in total hip arthroplasty. , 2014, , .		4
53	A development of force distribution measurement system around greater trochanter under pelvic belt. , 2014, , .		0
54	An evaluation of bimodality on quantitative measurement system for lachman test using force sensor. , 2014, , .		0

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55	An automated determination of Blumensaat line using fuzzy system based on physician experience from femur CT image. , 2014, , .		0
56	Intra-articular administration of gelatin hydrogels incorporating rapamycinâ€“micelles reduces the development of experimental osteoarthritis in a murine model. Biomaterials, 2014, 35, 9904-9911.	5.7	75
57	Biomechanical Analysis of the Knee With Partial Anterior Cruciate Ligament Disruption: Quantitative Evaluation Using an Electromagnetic Measurement System. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 1053-1062.	1.3	30
58	An Evaluation System for Risk Factors of the Recurrent Patellar Subluxation: Position and Profile. , 2013, , .		0
59	A Mechanical Analysis of Lachman Test Using a Quantitative Measurement System with Force Sensor. , 2013, , .		0
60	An Early Development of Force Distribution Sensor Using Pressure-Sensitive Conductive Rubber for Soft Tissue Balance in Total Knee Arthroplasty. , 2013, , .		1
61	An Evaluation Method of Force Concentration in PS Type of Total Knee Arthroplasty with Force Distribution Measurement System. , 2013, , .		1
62	Local Administration of Low-Dose Simvastatin-Conjugated Gelatin Hydrogel for Tendonâ€“Bone Healing in Anterior Cruciate Ligament Reconstruction. Tissue Engineering - Part A, 2013, 19, 1233-1243.	1.6	48
63	Differences in Knee Kinematics Between Awake and Anesthetized Patients During the Lachman and Pivot-Shift Tests for Anterior Cruciate Ligament Deficiency. Orthopaedic Journal of Sports Medicine, 2013, 1, 232596711348785.	0.8	15
64	A development of surgery instrument pose support system for mosaicplasty by using force distribution. , 2012, , .		0
65	Lateral supra-acetabular external fixation for unstable pelvic ring fracture: A biomechanical assessments. , 2012, , .		0
66	A development of navigation system with image segmentation in mosaicplasty of the knee. , 2012, , .		1
67	An automated calibration by using fuzzy control for a measurement system of Lachman test. , 2012, , .		2
68	Challenge of normality evaluation by using micro-size tension measurement device in anterior cruciate ligament reconstruction. , 2012, , .		0
69	Similarities and Differences of Diagnostic Manual Tests for Anterior Cruciate Ligament Insufficiency. American Journal of Sports Medicine, 2012, 40, 91-99.	1.9	82
70	Calculation of graft bending angle in anterior cruciate ligament reconstruction. , 2012, , .		0
71	A development of force distribution measurement system in total knee arthroplasty and with high resolution. , 2012, , .		0
72	Therapeutic effect of local administration of low-dose simvastatin-conjugated gelatin hydrogel for fracture healing. Journal of Bone and Mineral Research, 2012, 27, 1118-1131.	3.1	77

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73	Autophagy modulates osteoarthritis-related gene expression in human chondrocytes. <i>Arthritis and Rheumatism</i> , 2012, 64, 1920-1928.	6.7	225
74	Quantitative measurement of the pivot shift, reliability, and clinical applications. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 686-691.	2.3	54
75	Standardized pivot shift test improves measurement accuracy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 732-736.	2.3	95
76	The Use of an Electromagnetic Measurement System for Anterior Tibial Displacement During the Lachman Test. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 792-802.	1.3	29
77	A prospective randomised study of anatomical single-bundle versus double-bundle anterior cruciate ligament reconstruction: quantitative evaluation using an electromagnetic measurement system. <i>International Orthopaedics</i> , 2011, 35, 439-446.	0.9	121
78	An analysis method of femur and patellar for patellar subluxation diagnosis using MDCT image. , 2011, , .		0
79	A development of navigation system for mosaic plasty using electromagnetic sensor. , 2011, , .		1
80	A quantitative measurement system of endpoint during Lachman test with force sensor. , 2011, , .		3
81	An analysis method of surface profile for cylindrical osteochondral grafts of the knee. , 2010, , .		0
82	Automated extraction method of bone tunnel after the anterior cruciate ligament reconstruction from a knee MDCT image by using fuzzy inference. , 2009, , .		1
83	In Vivo Measurement of the Pivot-Shift Test in the Anterior Cruciate Ligament-Deficient Knee Using an Electromagnetic Device. <i>American Journal of Sports Medicine</i> , 2007, 35, 1098-1104.	1.9	187
84	Joint Gap Kinematics in Posterior-Stabilized Total Knee Arthroplasty Measured by a New Tensor With the Navigation System. <i>Journal of Biomechanical Engineering</i> , 2006, 128, 867-871.	0.6	121
85	The Influence of Ruptured Scar Pattern of Human Anterior Cruciate Ligament Remnant Tissue on Tendon-Bone Healing in Vivo. <i>Journal of Orthopaedic Research</i> , 0, , .	1.2	0