

Kengo Harato

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

534
citations

840776

11
h-index

677142

22
g-index

41
all docs

41
docs citations

41
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Midterm comparison of posterior cruciate-retaining versus -substituting total knee arthroplasty using the Genesis II prosthesis. <i>Knee</i> , 2008, 15, 217-221.	1.6	101
2	Knee flexion contracture will lead to mechanical overload in both limbs: A simulation study using gait analysis. <i>Knee</i> , 2008, 15, 467-472.	1.6	74
3	A gait analysis of simulated knee flexion contracture to elucidate knee-spine syndrome. <i>Gait and Posture</i> , 2008, 28, 687-692.	1.4	69
4	Influence of Total Knee Arthroplasty on Patellar Kinematics and Patellofemoral Pressure. <i>Journal of Arthroplasty</i> , 2017, 32, 280-285.	3.1	45
5	Extension Limitation in Standing Affects Weight-Bearing Asymmetry After Unilateral Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2010, 25, 225-229.	3.1	43
6	When does postoperative standing function after total knee arthroplasty improve beyond preoperative level of function?. <i>Knee</i> , 2009, 16, 112-115.	1.6	15
7	Three-dimensional knee kinematics in patients with a discoid lateral meniscus during gait. <i>Knee</i> , 2016, 23, 622-626.	1.6	15
8	Adipose-Derived Stem Cell Sheets Improve Early Biomechanical Graft Strength in Rabbits After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2021, 49, 3508-3518.	4.2	15
9	Difference in leg asymmetry between female collegiate athletes and recreational athletes during drop vertical jump. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 424.	2.3	14
10	Estimation of the External Knee Adduction Moment during Gait Using an Inertial Measurement Unit in Patients with Knee Osteoarthritis. <i>Sensors</i> , 2021, 21, 1418.	3.8	13
11	Three-dimensional kinematic change of hindfoot during full weightbearing in standing: an analysis using upright computed tomography and 3D-3D surface registration. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 355.	2.3	12
12	What are the important surgical factors affecting the wound healing after primary total knee arthroplasty?. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 7.	2.3	10
13	Effect of unstable meniscal injury on three-dimensional knee kinematics during gait in anterior cruciate ligament-deficient patients. <i>Knee</i> , 2015, 22, 395-399.	1.6	9
14	Factors affecting one-leg standing time in patients with end-stage knee osteoarthritis and the age-related recovery process following total knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 21.	2.3	9
15	Technical Obstacles for Low-Volume Surgeons in Primary Anterior Cruciate Ligament Reconstruction. <i>Journal of Knee Surgery</i> , 2020, 33, 1238-1242.	1.6	9
16	Analysis of the factors that correlate with increased knee adduction moment during gait in the early postoperative period following total knee arthroplasty. <i>Knee</i> , 2017, 24, 250-257.	1.6	8
17	Pseudogout at the knee joint will frequently occur after hip fracture and lead to the knee pain in the early postoperative period. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 4.	2.3	7
18	Asymmetry of the knee extension deficit in standing affects weight-bearing distribution in patients with bilateral end-stage knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2608-2613.	4.2	6

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19	Stress fracture of the first metatarsal after total knee arthroplasty: Two case reports using gait analysis. <i>Knee</i> , 2014, 21, 328-331.	1.6	6
20	Arthroscopic Visualization of Abnormal Movement of Discoid Lateral Meniscus With Snapping Phenomenon. <i>Arthroscopy Techniques</i> , 2015, 4, e235-e238.	1.3	6
21	Biomechanical features of drop vertical jump are different among various sporting activities. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 331.	1.9	6
22	Correlation between static limb alignment and peak knee adduction angle during gait is affected by subject pain in medial knee osteoarthritis. <i>Knee</i> , 2020, 27, 348-355.	1.6	5
23	What are the important manoeuvres for beginners to minimize surgical time in primary total knee arthroplasty?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2704-2709.	4.2	4
24	Four-Dimensional CT Analysis Using Sequential 3D-3D Registration. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4
25	Correlation between weight-bearing asymmetry and bone mineral density in patients with bilateral knee osteoarthritis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 102.	2.3	4
26	Effects of foot progression angle on kinematics and kinetics of a cutting movement. <i>Journal of Experimental Orthopaedics</i> , 2022, 9, 11.	1.8	4
27	Effects of Dual Task Interference on Biomechanics of the Entire Lower Extremity During the Drop Vertical Jump. <i>Journal of Human Kinetics</i> , 2022, 81, 5-14.	1.5	4
28	Fatigue and recovery have different effects on knee biomechanics of drop vertical jump between female collegiate and recreational athletes. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 739.	2.3	4
29	Four-dimensional computed tomographic analysis of screw home movement in patients with anterior cruciate ligament deficient knee – a 3D-3D registration technique. <i>Skeletal Radiology</i> , 2022, 51, 1679-1685.	2.0	3
30	The effects of toe direction on three-dimensional knee kinematics during closed kinetic chain exercise in patients with anterior cruciate ligament deficient knee. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2019, 18, 1-5.	1.0	2
31	Biomechanical correlation at the knee joint between static lunge and single-leg drop landing - a comparative study among three different toe directions. <i>Journal of Experimental Orthopaedics</i> , 2019, 6, 42.	1.8	2
32	Lateral Patellar Facetectomy Reduces the Incidence of Anterior Knee Pain in Patellar Resurfaced Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2023, 36, 773-778.	1.6	2
33	Pain detect questionnaire and pain catastrophizing scale affect gait pattern in patients with knee osteoarthritis. <i>Journal of Experimental Orthopaedics</i> , 2022, 9, .	1.8	2
34	Asymmetry of the Leg Alignment Affects Trunk Bending in the Coronal Plane After Unilateral Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 1089-1093.	3.1	1
35	A comparison of gait characteristics between posterior stabilized total knee and fixed bearing unicompartmental knee arthroplasties. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2020, 22, 62-66.	1.0	1
36	Application of an indentation sensor for the arthroscopic measurement of articular cartilage stiffness. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2022, 236, 566-572.	1.8	0