

# Jiann-Jong Liau

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,440  
citations

361413

20  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Clinical Effects of High- and Low-Resistance Training for Patients With Knee Osteoarthritis: A Randomized Controlled Trial. <i>Physical Therapy</i> , 2008, 88, 427-436.	2.4	214
2	The effect of malalignment on stresses in polyethylene component of total knee prostheses – a finite element analysis. <i>Clinical Biomechanics</i> , 2002, 17, 140-146.	1.2	155
3	Morphometrical measurements of resected surface of femurs in Chinese knees: Correlation to the sizing of current femoral implants. <i>Knee</i> , 2006, 13, 12-14.	1.6	115
4	Evaluation of shoulder proprioception following muscle fatigue. <i>Clinical Biomechanics</i> , 2003, 18, 843-847.	1.2	110
5	OSTEOLYSIS IN FAILED TOTAL KNEE ARTHROPLASTY. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 2224-2229.	3.0	81
6	Correlation between proprioception, muscle strength, knee laxity, and dynamic standing balance in patients with chronic anterior cruciate ligament deficiency. <i>Knee</i> , 2009, 16, 387-391.	1.6	80
7	Fixed or mobile-bearing total knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2007, 2, 1.	2.3	62
8	Particle size and morphology of UHMWPE wear debris in failed total knee arthroplasties – a comparison between mobile bearing and fixed bearing knees. <i>Journal of Orthopaedic Research</i> , 2002, 20, 1038-1041.	2.3	59
9	The influence of surgical malalignment on the contact pressures of fixed and mobile bearing knee prostheses – a biomechanical study. <i>Clinical Biomechanics</i> , 2003, 18, 231-236.	1.2	51
10	Mobile-bearing Knees Reduce Rotational Asymmetric Wear. <i>Clinical Orthopaedics and Related Research</i> , 2007, 462, 143-149.	1.5	49
11	The influence of inserting a Fuji pressure sensitive film between the tibiofemoral joint of knee prosthesis on actual contact characteristics. <i>Clinical Biomechanics</i> , 2001, 16, 160-166.	1.2	45
12	Effect of Fuji pressure sensitive film on actual contact characteristics of artificial tibiofemoral joint. <i>Clinical Biomechanics</i> , 2002, 17, 698-704.	1.2	44
13	Late Dislocation of Rotating Platform in New Jersey Low-Contact Stress Knee Prosthesis. <i>Clinical Orthopaedics and Related Research</i> , 2002, 405, 189-194.	1.5	40
14	Influence of Post-cam Design on Stresses on Posterior-stabilized Tibial Posts. <i>Clinical Orthopaedics and Related Research</i> , 2006, 450, 150-156.	1.5	36
15	Electromechanical Delay of the Vastus Medialis Obliquus and Vastus Lateralis in Individuals With Patellofemoral Pain Syndrome. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 791-796.	3.5	36
16	Comparison of muscle strength of posterior cruciate-retained versus cruciate-sacrificed total knee arthroplasty. <i>Journal of Arthroplasty</i> , 1998, 13, 779-783.	3.1	35
17	Arthroscopic Treatment of Rotator Cuff Tears With Shoulder Stiffness. <i>American Journal of Sports Medicine</i> , 2012, 40, 2121-2127.	4.2	35
18	Failure of the all-polyethylene patellar component after total knee arthroplasty. <i>Journal of Arthroplasty</i> , 1999, 14, 940-944.	3.1	32

#	ARTICLE	IF	CITATIONS
19	Stress analysis of the anterior tibial post in posterior stabilized knee prostheses. Journal of Orthopaedic Research, 2007, 25, 442-449.	2.3	21
20	The influence of contact alignment of the tibiofemoral joint of the prostheses in in vitro biomechanical testing. Clinical Biomechanics, 1999, 14, 717-721.	1.2	20
21	Polyethylene Failure of the Patellar Component in New Jersey Low-Contact Stress Total Knee Arthroplasties. Journal of Arthroplasty, 2005, 20, 202-208.	3.1	20
22	Osteolysis in failed total knee arthroplasty: a comparison of mobile-bearing and fixed-bearing knees. Journal of Bone and Joint Surgery - Series A, 2002, 84, 2224-9.	3.0	20
23	A two-dimensional finite element model for frictional heating analysis of total hip prosthesis. Materials Science and Engineering C, 2001, 17, 11-18.	7.3	18
24	The incidence of revision of the metal component of total knee arthroplasties in different tibial-insert designs. Knee, 2002, 9, 331-334.	1.6	13
25	A Novel Method for Measuring Electromechanical Delay of the Vastus Medialis Obliquus and Vastus Lateralis. Ultrasound in Medicine and Biology, 2009, 35, 14-20.	1.5	13
26	MORPHOMETRICAL COMPARISON BETWEEN THE RESECTED SURFACES IN OSTEOARTHRITIC KNEES AND POROUS-COATED ANATOMIC KNEE PROSTHESIS. Journal of Musculoskeletal Research, 2000, 04, 39-46.	0.2	9
27	Fatigue resistance analysis of tibial baseplate in total knee prosthesis—An in vitro biomechanical study. Clinical Biomechanics, 2006, 21, 147-151.	1.2	7
28	Non-hardware Posterior Cruciate Ligament Reconstruction Using Knot/Press-fit Technique With Periosteum-Enveloped Hamstrings Tendon Autograft. American Journal of Sports Medicine, 2011, 39, 1081-1089.	4.2	7
29	The Accuracy of Posterior Condylar Angles Measured by One MR Image. Clinical Orthopaedics and Related Research, 2007, 456, 159-163.	1.5	6
30	How to Define the Contact Point of the Tibiofemoral Joint of the Prosthesis in In-Vitro Biomechanical Testing. Journal of Musculoskeletal Research, 1998, 02, 237-245.	0.2	4
31	Effect of material selection on tibial post stresses in posterior-stabilized knee prosthesis. Bone and Joint Research, 2020, 9, 768-777.	3.6	2
32	Title is missing!. Clinical Biomechanics, 2003, 18, S1.	1.2	1
33	Research and Development of a Total Knee Prosthesis in Taiwan. , 2003, , 83-99.		0