

# Wei-Hsiu Hsu

## List of Publications by Year in descending order

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69  
papers

1,859  
citations

331538

21  
h-index

276775

41  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knee Stability and Graft Function after Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2004, 32, 1825-1832.	1.9	342
2	Treatment of osteomyelitis with teicoplanin-encapsulated biodegradable thermosensitive hydrogel nanoparticles. Biomaterials, 2010, 31, 5227-5236.	5.7	127
3	Comparison of Computer-Assisted Navigation and Conventional Instrumentation for Bilateral Total Knee Arthroplasty. Journal of Arthroplasty, 2009, 24, 668-673.	1.5	94
4	Differences in Torsional Joint Stiffness of the Knee between Genders. American Journal of Sports Medicine, 2006, 34, 765-770.	1.9	87
5	Effect of shock-wave therapy on patellar tendinopathy in a rabbit model. Journal of Orthopaedic Research, 2004, 22, 221-227.	1.2	82
6	Necrotizing Soft-Tissue Infections and Sepsis Caused by <i>Vibrio vulnificus</i> Compared with Those Caused by <i>Aeromonas</i> Species. Journal of Bone and Joint Surgery - Series A, 2007, 89, 631-636.	1.4	75
7	Effect of the iliotibial band on knee biomechanics during a simulated pivot shift test. Journal of Orthopaedic Research, 2006, 24, 967-973.	1.2	66
8	Effect of integrity of the posterior cortex in displaced femoral neck fractures on outcome after surgical fixation in young adults. Injury, 2011, 42, 217-222.	0.7	60
9	Necrotizing Soft-Tissue Infections and Primary Sepsis Caused by <i>Vibrio vulnificus</i> and <i>Vibrio cholerae</i> non-O1. Journal of Trauma, 2009, 66, 899-905.	2.3	59
10	Tranexamic acid in total shoulder arthroplasty and reverse shoulder arthroplasty: a systematic review and meta-analysis. BMC Musculoskeletal Disorders, 2018, 19, 60.	0.8	57
11	Prognostic factors and monomicrobial necrotizing fasciitis: gram-positive versus gram-negative pathogens. BMC Infectious Diseases, 2011, 11, 5.	1.3	54
12	Total Knee Arthroplasty with Use of Computer-Assisted Navigation Compared with Conventional Guiding Systems in the Same Patient: Radiographic Results in Asian Patients. Journal of Bone and Joint Surgery - Series A, 2011, 93, 1197-1202.	1.4	54
13	Microbiology and surgical indicators of necrotizing fasciitis in a tertiary hospital of southwest Taiwan. International Journal of Infectious Diseases, 2012, 16, e159-e165.	1.5	42
14	Intraoperative computed tomography with integrated navigation in percutaneous iliosacral screwing. Injury, 2013, 44, 203-208.	0.7	40
15	Effect of fragmentary displacement and morphology in the treatment of comminuted femoral shaft fractures with an intramedullary nail. Injury, 2014, 45, 752-756.	0.7	38
16	Outcome analysis of unstable posterior ring injury of the pelvis: Comparison between percutaneous iliosacral screw fixation and conservative treatment. Biomedical Journal, 2013, 36, 289.	1.4	34
17	Enhancing mechanical strength during early fracture healing via shockwave treatment: an animal study. Clinical Biomechanics, 2003, 18, S33-S39.	0.5	26
18	Chronic kidney disease is associated with a risk of higher mortality following total knee arthroplasty in diabetic patients: a nationwide population-based study. Oncotarget, 2017, 8, 100288-100295.	0.8	23

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19	Tourniquet use in arthroscopic anterior cruciate ligament reconstruction: a systematic review and meta-analysis of randomised controlled trials. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 358.	0.8	22
20	Comparison of computer-assisted navigation and conventional instrumentation for bilateral total knee arthroplasty. <i>Medicine (United States)</i> , 2019, 98, e18083.	0.4	22
21	Effect of preoperative deformity on postoperative leg axis in total knee arthroplasty: a prospective randomized study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1323-1327.	2.3	21
22	Necrotizing fasciitis following venomous snakebites in a tertiary hospital of southwest Taiwan. <i>International Journal of Infectious Diseases</i> , 2017, 63, 30-36.	1.5	21
23	Depression increases the risk of rotator cuff tear and rotator cuff repair surgery: A nationwide population-based study. <i>PLoS ONE</i> , 2019, 14, e0225778.	1.1	20
24	The relationship between health-related fitness and quality of life in postmenopausal women from Southern Taiwan. <i>Clinical Interventions in Aging</i> , 2014, 9, 1573.	1.3	18
25	Monitoring and Assessment of Rehabilitation Progress on Range of Motion After Total Knee Replacement by Sensor-Based System. <i>Sensors</i> , 2020, 20, 1703.	2.1	18
26	Independent Predictors of Mortality for <i>Aeromonas</i> Necrotizing Fasciitis of Limbs: An 18-year Retrospective Study. <i>Scientific Reports</i> , 2020, 10, 7716.	1.6	17
27	The effect of renal function on surgical outcomes of intracapsular hip fractures with osteosynthesis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 39-45.	1.3	16
28	Synchronous multifocal necrotizing fasciitis prognostic factors: a retrospective case series study in a single center. <i>Infection</i> , 2016, 44, 757-763.	2.3	16
29	Epinephrine in irrigation fluid for visual clarity in arthroscopic shoulder surgery: a systematic review and meta-analysis. <i>International Orthopaedics</i> , 2018, 42, 2881-2889.	0.9	16
30	The effect of endoskeleton on antibiotic impregnated cement spacer for treating deep hip infection. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 10.	0.8	15
31	Single Nucleotide Polymorphisms Other than Factor V Leiden Are Associated with Coagulopathy and Osteonecrosis of the Femoral Head in Chinese Patients. <i>PLoS ONE</i> , 2014, 9, e104461.	1.1	15
32	Predictors for gram-negative monomicrobial necrotizing fasciitis in southern Taiwan. <i>BMC Infectious Diseases</i> , 2020, 20, 60.	1.3	15
33	Twenty-four-week hospital-based progressive resistance training on functional recovery in female patients post total knee arthroplasty. <i>Knee</i> , 2019, 26, 729-736.	0.8	14
34	Acute injury of anterior cruciate ligament during karate training. <i>Knee</i> , 2007, 14, 245-248.	0.8	12
35	Effects of circuit exercise and Tai Chi on body composition in middle-aged and older women. <i>Geriatrics and Gerontology International</i> , 2015, 15, 282-288.	0.7	12
36	Effect of high body mass index on knee muscle strength and function after anterior cruciate ligament reconstruction using hamstring tendon autografts. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 363.	0.8	12

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37	Improved Antibiotic Impregnated Cement Prosthesis for Treating Deep Hip Infection. <i>Journal of Arthroplasty</i> , 2010, 25, 1304-1306.	1.5	11
38	Ocular Injury by Transient Formaldehyde Exposure in a Rabbit Eye Model. <i>PLoS ONE</i> , 2013, 8, e66649.	1.1	11
39	Prevalence and associated factors of myopia among rural school students in Chia-Yi, Taiwan. <i>BMC Ophthalmology</i> , 2020, 20, 320.	0.6	11
40	Dissecting popliteal cyst resulting from a fragmented, dislodged metal part of the patellar component after total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2002, 17, 792-797.	1.5	10
41	Implementation and outcomes of hospital-wide computerized antimicrobial approval system and on-the-spot education in a traumatic intensive care unit in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 672-680.	1.5	10
42	<i>Vibrio cholerae</i> non-O1 - the first reported case of keratitis in a healthy patient. <i>BMC Infectious Diseases</i> , 2019, 19, 916.	1.3	10
43	Genitourinary tuberculosis in Taiwan: A 15-year experience at a teaching hospital. <i>Journal of Microbiology, Immunology and Infection</i> , 2019, 52, 312-319.	1.5	10
44	Anterior Cruciate Ligament Reconstruction in Patients Older Than 50 Years: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712091569.	0.8	10
45	Effect of basal metabolic rate on the bone mineral density in middle to old age women in Taiwan. <i>Maturitas</i> , 2013, 76, 70-74.	1.0	9
46	Efficiency of quantitative echogenicity for investigating supraspinatus tendinopathy by the gray-level histogram of two ultrasound devices. <i>Journal of Medical Ultrasonics (2001)</i> , 2017, 44, 297-303.	0.6	9
47	Circuit training enhances function in patients undergoing total knee arthroplasty: a retrospective cohort study. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 156.	0.9	9
48	Chronic Kidney Disease Worsens Health Outcomes in Diabetic Patients After Hip Fracture Surgery: An Asian Nationwide Population-Based Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 849-858.	3.1	9
49	Effects of Chronic Kidney Disease on Hemiarthroplasty Outcomes for Fragility Hip Fracture in Diabetic Patients: A Nationwide Population-Based Observational Study. <i>Journal of Arthroplasty</i> , 2020, 35, 477-484.e4.	1.5	9
50	Revision Total Hip Arthroplasty for Large Medial Defects With Witch's Hat-Shaped Structural Allografts – Minimum 10-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2014, 29, 428-431.	1.5	8
51	Different types of bullae of limbs with necrotizing fasciitis predict different outcome: a prospective study. <i>Infection</i> , 2021, 49, 135-144.	2.3	7
52	Predicting osteoporosis with body compositions in postmenopausal women: a non-invasive method. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 215.	0.9	7
53	Cellular senescence occurring in the rabbit medial collateral ligament during healing. <i>Journal of Orthopaedic Research</i> , 2013, 31, 81-90.	1.2	5
54	Chronic Kidney Disease Is Associated with High Mortality Risk in Patients with Diabetes after Primary Shoulder Arthroplasty: A Nationwide Population-Based Cohort Study. <i>Diagnostics</i> , 2021, 11, 822.	1.3	5

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55	GMI, an Immunomodulatory Peptide from <i>Ganoderma microsporum</i> , Restrains Periprosthetic Joint Infections via Modulating the Functions of Myeloid-Derived Suppressor Cells and Effector T Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6854.	1.8	5
56	Differences in gait and muscle strength of patients with acute and chronic anterior cruciate ligament injury. <i>Clinical Biomechanics</i> , 2020, 80, 105161.	0.5	4
57	Twelve-Week Lower Trapezius-Centred Muscular Training Regimen in University Archers. <i>Healthcare (Switzerland)</i> , 2022, 10, 171.	1.0	4
58	Effect of resistance training on satellite cells in old mice – a transcriptome study. <i>Bone and Joint Research</i> , 2022, 11, 121-133.	1.3	4
59	Did the use of crutches in an elderly patient activate a dormant subclavian lymphatic malformation? – a case report. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 76, 725-727.	1.2	3
60	Fluoroscopic-controlled, arthroscopic removal of intra-articular broken wire after patellar fracture. <i>Injury Extra</i> , 2006, 37, 86-89.	0.2	3
61	Effect of Extracorporeal Shockwave Therapy on Passive Ankle Stiffness in Patients With Plantar Fasciopathy. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 15-18.	0.5	3
62	Clinical information and guidance shared via a patient infotainment system can reduce hospital stay and maintain 2 medical quality for total knee arthroplasty: A single-blinded quasi-randomised controlled trial. <i>International Journal of Nursing Studies</i> , 2020, 104, 103440.	2.5	3
63	Necrotising fasciitis and primary sepsis caused by <i>Vibrio fluvialis</i> – A case report. <i>Injury Extra</i> , 2005, 36, 546-549.	0.2	2
64	Acute Pyogenic Inguinal Abscess from Complex Soft-Tissue Infection or Intra-Abdominal Pathology. <i>Surgical Infections</i> , 2014, 15, 467-473.	0.7	2
65	Effect of chronic kidney disease on outcomes following proximal humerus fragility fracture surgery in diabetic patients: A nationwide population-based cohort study. <i>PLoS ONE</i> , 2021, 16, e0258393.	1.1	2
66	Bone marrow-stimulating techniques in arthroscopic rotator cuff repair: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e022086.	0.8	1
67	The role of cross sectional imaging in the management of acute pyogenic inguinal abscess - extrapelvic versus intrapelvic origin. <i>BMC Infectious Diseases</i> , 2013, 13, 155.	1.3	0
68	Stevens-Johnson syndrome following cataract surgery. <i>Taiwan Journal of Ophthalmology</i> , 2015, 5, 96-98.	0.3	0
69	Trunk Movement and Sequential Trunk Muscle Activation During Oscillation Exercises Using Flexible Poles. <i>Journal of Sport Rehabilitation</i> , 2022, , 1-8.	0.4	0