Patrick Shu-Hang Yung

List of Publications by Year
in descending order

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123 papers	4,599 citations	126708 33 h-index	110170 64 g-index
123 all docs	123 docs citations	123 times ranked	4527 citing authors

#	Article	IF	Citations
1	A Systematic Review on Ankle Injury and Ankle Sprain in Sports. Sports Medicine, 2007, 37, 73-94.	3.1	996
2	Prevalence, Pattern, and Spectrum of Glenoid Bone Loss in Anterior Shoulder Dislocation: CT Analysis of 218 Patients. American Journal of Roentgenology, 2008, 190, 1247-1254.	1.0	224
3	Understanding acute ankle ligamentous sprain injury in sports. BMC Sports Science, Medicine and Rehabilitation, 2009, 1, 14.	0.7	166
4	Patient Motivation and Adherence to Postsurgery Rehabilitation Exercise Recommendations: The Influence of Physiotherapists' Autonomy-Supportive Behaviors. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1977-1982.	0.5	150
5	Biomechanics of Supination Ankle Sprain. American Journal of Sports Medicine, 2009, 37, 822-827.	1.9	145
6	Firstâ€time shoulder dislocation: High prevalence of labral injury and ageâ€related differences revealed by MR arthrography. Journal of Magnetic Resonance Imaging, 2007, 26, 983-991.	1.9	116
7	Critical review on the socio-economic impact of tendinopathy. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2016, 4, 9-20.	0.4	110
8	Eccentric hamstring strength deficit and poor hamstring-to-quadriceps ratio are risk factors for hamstring strain injury in football: A prospective study of 146 professional players. Journal of Science and Medicine in Sport, 2018, 21, 789-793.	0.6	107
9	Estimating the complete ground reaction forces with pressure insoles in walking. Journal of Biomechanics, 2008, 41, 2597-2601.	0.9	95
10	Impact of the COVID-19 pandemic on sports and exercise. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2020, 22, 39-44.	0.4	91
11	Glenoid Bone Loss: Assessment with MR Imaging. Radiology, 2013, 267, 496-502.	3.6	90
12	CT Compared with Arthroscopy in Quantifying Glenoid Bone Loss. American Journal of Roentgenology, 2007, 189, 1490-1493.	1.0	89
13	Kinematics Analysis of Ankle Inversion Ligamentous Sprain Injuries in Sports. American Journal of Sports Medicine, 2011, 39, 1548-1552.	1.9	75
14	The Effects of Quadriceps Strengthening on Pain, Function, and Patellofemoral Joint Contact Area in Persons with Patellofemoral Pain. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 98-106.	0.7	74
15	The surgical outcome of immediate arthroscopic Bankart repair for first time anterior shoulder dislocation in young active patients. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 188-193.	2.3	72
16	Epidemiology of Injuries in Hong Kong Elite Badminton Athletes. Research in Sports Medicine, 2007, 15, 133-146.	0.7	71
17	Effects of weight bearing and non-weight bearing exercises on bone properties using calcaneal quantitative ultrasound. British Journal of Sports Medicine, 2005, 39, 547-551.	3.1	69
18	Arthroscopic repair of isolated type II superior labrum anteriorâ€“posterior lesion. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 1151-1157.	2.3	65

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19	Sport-related ankle injuries attending an accident and emergency department. Injury, 2008, 39, 1222-1227.	0.7	61
20	The Effect of Early Whole-Body Vibration Therapy on Neuromuscular Control After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2013, 41, 804-814.	1.9	60
21	Magnesium (Mg) based interference screws developed for promoting tendon graft incorporation in bone tunnel in rabbits. Acta Biomaterialia, 2017, 63, 393-410.	4.1	55
22	Percutaneous Transphyseal Intramedullary Kirschner Wire Pinning: A Safe and Effective Procedure for Treatment of Displaced Diaphyseal Forearm Fracture in Children. Journal of Pediatric Orthopaedics, 2004, 24, 7-12.	0.6	52
23	Impact of Platelet-Rich Plasma Use on Pain in Orthopaedic Surgery: A Systematic Review and Meta-analysis. Sports Health, 2019, 11, 355-366.	1.3	52
24	Osteocalcin expressing cells from tendon sheaths in mice contribute to tendon repair by activating Hedgehog signaling. ELife, 2017, 6, .	2.8	49
25	Percutaneous intramedullary Kirschner wiring for displaced diaphyseal forearm fractures in children. Journal of Bone and Joint Surgery: British Volume, 1998, 80, 91-4.	3.4	49
26	Comparison of 2 Surgical Techniques for Reconstructing Posterolateral Corner of the Knee: A Cadaveric Study Evaluated by Navigation System. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2011, 27, 89-96.	1.3	41
27	A systematic review of inflammatory cells and markers in human tendinopathy. BMC Musculoskeletal Disorders, 2020, 21, 78.	0.8	41
28	A Systematic Review of Anterior Cruciate Ligament Femoral Footprint Location Evaluated by Quadrant Method for Single-Bundle and Double-Bundle Anatomic Reconstruction. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2016, 32, 1724-1734.	1.3	40
29	Intra-articular injection of magnesium chloride attenuates osteoarthritis progression in rats. Osteoarthritis and Cartilage, 2019, 27, 1811-1821.	0.6	39
30	MRI diagnosis of ACL bundle tears: value of oblique axial imaging. Skeletal Radiology, 2013, 42, 209-217.	1.2	38
31	Biodegradable Magnesium Screws Accelerate Fibrous Tissue Mineralization at the Tendon-Bone Insertion in Anterior Cruciate Ligament Reconstruction Model of Rabbit. Scientific Reports, 2017, 7, 40369.	1.6	38
32	Knee stability assessment on anterior cruciate ligament injury: Clinical and biomechanical approaches. BMC Sports Science, Medicine and Rehabilitation, 2009, 1, 20.	0.7	36
33	Tendonâ€derived extracellular matrix induces mesenchymal stem cell tenogenesis via an integrin/transforming growth factorâ€î² crosstalkâ€mediated mechanism. FASEB Journal, 2020, 34, 8172-8186.	0.2	36
34	Effect of graft tensioning on mechanical restoration in a rat model of anterior cruciate ligament reconstruction using free tendon graft. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1226-1233.	2.3	33
35	Clinical and biomechanical outcome of minimal invasive and open repair of the Achilles tendon. The Sports Medicine, Arthroscopy, Rehabilitationrapy and Technology, 2011, 3, 32.	1.0	32
36	The shift in macrophages polarisation after tendon injury: A systematic review. Journal of Orthopaedic Translation, 2020, 21, 24-34.	1.9	32

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37	Magnesium-pretreated periosteum for promoting bone-tendon healing after anterior cruciate ligament reconstruction. Biomaterials, 2021, 268, 120576.	5.7	32
38	Knee Rotational Stability During Pivoting Movement Is Restored After Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2011, 39, 1032-1038.	1.9	31
39	Differentiation of ankle sprain motion and common sporting motion by ankle inversion velocity. Journal of Biomechanics, 2010, 43, 2035-2038.	0.9	30
40	Low-Frequency HIIT Improves Body Composition and Aerobic Capacity in Overweight Men. Medicine and Science in Sports and Exercise, 2020, 52, 56-66.	0.2	29
41	Reverse anterolateral drawer test is more sensitive and accurate for diagnosing chronic anterior talofibular ligament injury. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 55-62.	2.3	28
42	Phenotypic alteration of macrophages during osteoarthritis: a systematic review. Arthritis Research and Therapy, 2021, 23, 110.	1.6	27
43	CARPAL TUNNEL RELEASE WITH A LIMITED PALMAR INCISION: CLINICAL RESULTS AND PILLAR PAIN AT 18 MONTHS FOLLOW-UP. Hand Surgery, 2005, 10, 29-35.	0.6	26
44	Bioactive Tape With BMP-2 Binding Peptides Captures Endogenous Growth Factors and Accelerates Healing After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2018, 46, 2905-2914.	1.9	25
45	Hydrogen peroxide induced tendinopathic changes in a rat model of patellar tendon injury. Journal of Orthopaedic Research, 2018, 36, 3268-3274.	1.2	24
46	Continuous Pulse Oximeter Monitoring for Inapparent Hypoxemia after Long Bone Fractures. Journal of Trauma, 2004, 56, 356-362.	2.3	23
47	A three-pressure-sensor (3PS) system for monitoring ankle supination torque during sport motions. Journal of Biomechanics, 2008, 41, 2562-2566.	0.9	23
48	A randomized controlled trial comparing bone mineral density changes of three different ACL reconstruction techniques. Knee, 2012, 19, 779-785.	0.8	23
49	Best Performance Parameters of HR-pQCT to Predict Fragility Fracture: Systematic Review and Meta-Analysis. Journal of Bone and Mineral Research, 2020, 36, 2381-2398.	3.1	23
50	Early Failure of Smooth Hydroxyapatite-Coated Press-Fit Acetabular Cupâ€”7 Years of Follow-up. Journal of Arthroplasty, 2005, 20, 627-631.	1.5	22
51	A mechanical supination sprain simulator for studying ankle supination sprain kinematics. Journal of Biomechanics, 2008, 41, 2571-2574.	0.9	22
52	Kinesiology tape does not promote vertical jumping performance: A deceptive crossover trial. Manual Therapy, 2016, 21, 89-93.	1.6	22
53	Identification of ankle sprain motion from common sporting activities by dorsal foot kinematics data. Journal of Biomechanics, 2010, 43, 1965-1969.	0.9	21
54	The reliability and validity of a video-based method for assessing hamstring strength in football players. Journal of Exercise Science and Fitness, 2017, 15, 18-21.	0.8	21

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55	Reliability, Validity, and Sensitivity of a Novel Smartphone-Based Eccentric Hamstring Strength Test in Professional Football Players. International Journal of Sports Physiology and Performance, 2018, 13, 620-624.	1.1	21
56	The biomechanical difference between running with traditional and 3D printed orthoses. Journal of Sports Sciences, 2019, 37, 2191-2197.	1.0	21
57	Satisfactory long-term survival, functional and radiological outcomes of open-wedge high tibial osteotomy for managing knee osteoarthritis: Minimum 10-year follow-up study. Journal of Orthopaedic Translation, 2021, 26, 60-66.	1.9	21
58	3D printing in orthopaedic surgery: a scoping review of randomized controlled trials. Bone and Joint Research, 2021, 10, 807-819.	1.3	20
59	An ankle joint model-based image-matching motion analysis technique. Gait and Posture, 2011, 34, 71-75.	0.6	19
60	Optimisation of platelet concentrates therapy: Composition, localisation, and duration of action. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2017, 7, 27-36.	0.4	18
61	Comparison of treatment effects on lateral epicondylitis between acupuncture and extracorporeal shockwave therapy. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2017, 7, 21-26.	0.4	18
62	Is unintentional doping real, or just an excuse?. British Journal of Sports Medicine, 2019, 53, 978-979.	3.1	17
63	Psychological processes of ACL-patients' post-surgery rehabilitation: A prospective test of an integrated theoretical model. Social Science and Medicine, 2020, 244, 112646.	1.8	17
64	Biomaterials developed for facilitating healing outcome after anterior cruciate ligament reconstruction: Efficacy, surgical protocols, and assessments using preclinical animal models. Biomaterials, 2021, 269, 120625.	5.7	16
65	Efficacy and safety of hylan G-F 20 injection in treatment of knee osteoarthritis in Chinese patients: results of a prospective, multicentre, longitudinal study. Hong Kong Medical Journal, 2015, 21, 327-32.	0.1	16
66	Development of vitamin C irrigation saline toÂpromote graft healing in anterior cruciate ligament reconstruction. Journal of Orthopaedic Translation, 2013, 1, 67-77.	1.9	15
67	Motion Task Selection for Kinematic Evaluation After Anterior Cruciate Ligament Reconstruction: A Systematic Review. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2016, 32, 1453-1465.	1.3	15
68	Association of serum 25(OH)Vit-D levels with risk of pediatric fractures: a systematic review and meta-analysis. Osteoporosis International, 2021, 32, 1287-1300.	1.3	15
69	Orthopaedic sport biomechanics â€“ a new paradigm. Clinical Biomechanics, 2008, 23, S21-S30.	0.5	14
70	Review of knee arthroscopy performed under local anesthesia. BMC Sports Science, Medicine and Rehabilitation, 2009, 1, 3.	0.7	14
71	Tripeptide-copper complex GHK-Cu (II) transiently improved healing outcome in a rat model of ACL reconstruction. Journal of Orthopaedic Research, 2015, 33, 1024-1033.	1.2	14
72	Controlled trial to compare the Achilles tendon load during running in flatfeet participants using a customized arch support orthoses vs an orthotic heel lift. BMC Musculoskeletal Disorders, 2019, 20, 535.	0.8	14

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73	Can MRI predict the clinical instability and loss of the screw home phenomenon following ACL tear?. Clinical Imaging, 2013, 37, 116-123.	0.8	13
74	Graft healing after anterior cruciate ligament reconstruction (ACLR). Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2021, 25, 8-15.	0.4	13
75	Power and endurance in Hong Kong professional football players. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2016, 5, 1-5.	0.4	12
76	Social psychological aspects of ACL injury prevention and rehabilitation: An integrated model for behavioral adherence. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2017, 10, 17-20.	0.4	12
77	The effectiveness of telerehabilitation in patients after total knee replacement: A systematic review and meta-analysis of randomized controlled trials. Journal of Telemedicine and Telecare, 2022, , 1357633X2210974.	1.4	12
78	Impact of COVID-19 on orthopaedic clinical service, education and research in a university hospital. Journal of Orthopaedic Translation, 2020, 25, 125-127.	1.9	11
79	Biomechanical techniques to evaluate tibial rotation. A systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1720-1729.	2.3	10
80	Evaluation of animal models and methods for assessing shoulder function after rotator cuff tear: A systematic review. Journal of Orthopaedic Translation, 2021, 26, 31-38.	1.9	9
81	Effect of minimalist and maximalist shoes on impact loading and footstrike pattern in habitual rearfoot strike trail runners: An inâ€field study. European Journal of Sport Science, 2021, 21, 183-191.	1.4	9
82	A high glucose level stimulate inflammation and weaken pro-resolving response in tendon cells â€“ A possible factor contributingÂto tendinopathy in diabetic patients. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2020, 19, 1-6.	0.4	8
83	Effect of anticipation on knee kinematics during a stop-jump task. Gait and Posture, 2014, 39, 75-79.	0.6	7
84	Presence of Bacteria in Spontaneous Achilles Tendon Ruptures. American Journal of Sports Medicine, 2017, 45, 2061-2067.	1.9	7
85	Arthroscopic Lateral Soft Tissue Release for Hallux Valgus. Journal of Foot and Ankle Surgery, 2020, 59, 210-212.	0.5	7
86	Delayed ankle muscle reaction time in female amateur footballers after the first 15â€‰min of a simulated prolonged football protocol. Journal of Experimental Orthopaedics, 2020, 7, 54.	0.8	7
87	An inverted ankle joint orientation at foot strike could incite ankle inversion sprain: Comparison between injury and non-injured cutting motions of a tennis player. Foot, 2021, 48, 101853.	0.4	7
88	Inflammatory mechanisms linking obesity and tendinopathy. Journal of Orthopaedic Translation, 2021, 31, 80-90.	1.9	7
89	Paper vs. Pixel: Can We Use a Pen-and-Paper Method to Measure Athletes' Implicit Doping Attitude?. Frontiers in Psychology, 2017, 8, 876.	1.1	6
90	An individually moulded insole with 5-mm medial arch support reduces peak impact and loading at the heel after a one-hour treadmill run. Gait and Posture, 2020, 82, 90-95.	0.6	6

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91	Decreased passive muscle stiffness of vastus medialis is associated with poorer quadriceps strength and knee function after anterior cruciate ligament reconstruction. Clinical Biomechanics, 2021, 82, 105289.	0.5	6
92	Effects of one-year once-weekly high-intensity interval training on body adiposity and liver fat in adults with central obesity: Study protocol for a randomized controlled trial. Journal of Exercise Science and Fitness, 2022, 20, 161-171.	0.8	6
93	A Rare Mode of Extensor Mechanism Failure in Total Knee Arthroplasty. Journal of Arthroplasty, 2011, 26, 338.e9-338.e11.	1.5	5
94	Randomised control trial on the optimal duration of non-weight-bearing walking after hallux valgus surgery. Journal of Orthopaedic Translation, 2020, 23, 61-66.	1.9	5
95	Tibial cutting guide (resector) holding pins position and subsequent risks of periprosthetic fracture in unicompartmental knee arthroplasty: a finite element analysis study. Journal of Orthopaedic Surgery and Research, 2021, 16, 205.	0.9	5
96	Effects of Whole-Body Vibration Therapy on Quadriceps Function in Patients With Anterior Cruciate Ligament Reconstruction: A Systematic Review. Sports Health, 2021, , 194173812110049.	1.3	5
97	Are muscle weakness and stiffness risk factors of the development of rotator cuff tendinopathy in overhead athletes: a systematic review. Therapeutic Advances in Chronic Disease, 2021, 12, 204062232110261.	1.1	5
98	A prospective epidemiological study of injury incidence and injury patterns in a Hong Kong male professional football league during the competitive season. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2014, 1, 119-125.	0.4	4
99	Use of a portable motion analysis system for knee dynamic stability assessment in anterior cruciate ligament deficiency during single-legged hop landing. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2016, 5, 6-12.	0.4	4
100	Using a Single Uniaxial Gyroscope to Detect Lateral Ankle Sprain Hazard. IEEE Sensors Journal, 2021, 21, 3757-3762.	2.4	4
101	Posterior Tibial Loading Results in Significant Increase of Peak Contact Pressure in the Patellofemoral Joint During Anterior Cruciate Ligament Reconstruction: A Cadaveric Study. American Journal of Sports Medicine, 2021, 49, 1286-1295.	1.9	4
102	Effects of Deficits in the Neuromuscular and Mechanical Properties of the Quadriceps and Hamstrings on Single-Leg Hop Performance and Dynamic Knee Stability in Patients After Anterior Cruciate Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712110638.	0.8	4
103	Cross-Cultural Adaptation of Chinese Victorian Institute of Sports Assessmentâ€“Achilles (VISA-A) Questionnaire for Achilles Tendinopathy. Foot & Ankle Orthopaedics, 2022, 7, 24730114221081535.	0.1	4
104	ARE THE MUSCLE ACTIVATIONS DIFFERENT IN VARIOUS TYPE OF PUSH-UP EXERCISE?. British Journal of Sports Medicine, 2017, 51, 363.3-364.	3.1	3
105	Sprint cycling training improves intermittent run performance. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2018, 11, 6-11.	0.4	3
106	Is Pre-operative Quadriceps Strength a Predictive Factor for the Outcomes of Anterior Cruciate Ligament Reconstructions. International Journal of Sports Medicine, 2020, 41, 912-920.	0.8	3
107	Screening for laterally deviated plantar pressure during stance using the Cumberland ankle instability tool and anthropometric measures. Research in Sports Medicine, 2021, 29, 323-335.	0.7	3
108	Functional outcome of fusion versus ligament reconstruction in patients with a syndesmosis injury: A narrative review. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2021, 25, 53-59.	0.4	3

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109	Differential MMP 1 and MMP 13 expression in proliferation and ligamentization phases of graft remodeling in anterior cruciate ligament reconstruction. Connective Tissue Research, 2020, , 1-8.	1.1	3
110	The non-reconstructive treatment of complete ACL tear with biological enhancement in clinical and preclinical studies: A systematic review. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2018, 14, 10-16.	0.4	2
111	Biological modulations to facilitate graft healing in anterior cruciate ligament reconstruction (ACLR), when and where to apply? A systematic review. Journal of Orthopaedic Translation, 2021, 30, 51-60.	1.9	2
112	Isokinetic Fatigue Ratio of Shoulder Rotators in Elite Softball Players With and Without Rotator Cuff Tendinopathy, and its Association With the Subacromial Space. Journal of Sport Rehabilitation, 2020, 29, 766-771.	0.4	2
113	A non-invasive biomechanical device to quantify knee rotational laxity: Verification of the device in human cadaveric specimens. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2019, 16, 19-23.	0.4	1
114	Functional Tissue Engineering for Tendinopathies: Whatâ€™s New on the Horizon?. , 2014, , 1-10.		1
115	Knee kinematics of ACL-deficient patients: A development of a portable motion analysis system. Journal of Human Sport and Exercise, 2018, 13, .	0.2	1
116	Application of suture anchors for a clinically relevant rat model of rotator cuff tear. Journal of Tissue Engineering and Regenerative Medicine, 0, , .	1.3	1
117	Persistent quadriceps muscle atrophy after anterior cruciate ligament reconstruction is associated with alterations in exercise-induced myokine production. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2022, 29, 35-42.	0.4	1
118	P-101â€…Can single-leg squat become a fitness performance screening tool?. British Journal of Sports Medicine, 2016, 50, A89-A90.	3.1	0
119	USING FAST FOURIER TRANSFORM AND POLYNOMIAL FITTING ON DORSAL FOOT KINEMATICS DATA TO IDENTIFY SIMULATED ANKLE SPRAIN MOTIONS FROM COMMON SPORTING MOTIONS. Journal of Mechanics in Medicine and Biology, 2021, 21, 2150040.	0.3	0
120	APKASS consensus statement on chronic syndesmosis injury. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2021, 25, 60-64.	0.4	0
121	Injury epidemiology of Ultimate Frisbee in Hong Kong. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2021, 26, 27-31.	0.4	0
122	Risk of surgery and epidemiological profile of athletes presenting to a single sports injury clinic in Hong Kong. Journal of Orthopaedics, Trauma and Rehabilitation, 2022, 29, 221049172210823.	0.1	0
123	Bilateral impairments of quadriceps neuromuscular function occur early after anterior cruciate ligament injury. Research in Sports Medicine, 2024, 32, 72-85.	0.7	0