Christian J Barton

List of Publications by Citations

113 papers	4,094 citations	37 h-index	61 g-index
132 ext. papers	5,065 ext. citations	5.8 avg, IF	5.92 L-index

#	Paper	IF	Citations
113	Achilles and patellar tendinopathy loading programmes : a systematic review comparing clinical outcomes and identifying potential mechanisms for effectiveness. *Sports Medicine*, **2013**, 43, 267-86	10.6	241
112	The SBest Practice Guide to Conservative Management of Patellofemoral PainS incorporating level 1 evidence with expert clinical reasoning. *British Journal of Sports Medicine*, **2015**, 49, 923-34	10.3	144
111	2016 Patellofemoral pain consensus statement from the 4th International Patellofemoral Pain Research Retreat, Manchester. Part 2: recommended physical interventions (exercise, taping, bracing, foot orthoses and combined interventions). *British Journal of Sports Medicine*, **2016**, 50, 844-52	10.3	138
110	Is hip strength a risk factor for patellofemoral pain? A systematic review and meta-analysis. *British Journal of Sports Medicine*, **2014**, 48, 1088	10.3	134
109	The effectiveness of neuromuscular warm-up strategies, that require no additional equipment, for preventing lower limb injuries during sports participation: a systematic review. *BMC Medicine*, **2012**, 10, 75	11.4	131
108	Kinematic gait characteristics associated with patellofemoral pain syndrome: a systematic review. *Gait and Posture*, **2009**, 30, 405-16	2.6	130
107	2018 Consensus statement on exercise therapy and physical interventions (orthoses, taping and manual therapy) to treat patellofemoral pain: recommendations from the 5th International Patellofemoral Pain Research Retreat, Gold Coast, Australia, 2017. *British Journal of Sports Medicine* , **2018**, 52, 1170-1178	10.3	129
106	The effectiveness of extracorporeal shock wave therapy in lower limb tendinopathy: a systematic review. *American Journal of Sports Medicine*, **2015**, 43, 752-61	6.8	126
105	A comparison of foot kinematics in people with normal- and flat-arched feet using the Oxford Foot Model. *Gait and Posture*, **2010**, 32, 519-23	2.6	123
104	Gluteal muscle activity and patellofemoral pain syndrome: a systematic review. *British Journal of Sports Medicine*, **2013**, 47, 207-14	10.3	120
103	Foot and ankle characteristics in patellofemoral pain syndrome: a case control and reliability study. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, 286-96	4.2	119
102	Runners with patellofemoral pain have altered biomechanics which targeted interventions can modify: A systematic review and meta-analysis. *Gait and Posture*, **2016**, 45, 69-82	2.6	107
101	Foot posture as a risk factor for lower limb overuse injury: a systematic review and meta-analysis. *Journal of Foot and Ankle Research*, **2014**, 7, 55	3.2	106
100	Patellofemoral Pain. *Journal of Orthopaedic and Sports Physical Therapy*, **2019**, 49, CPG1-CPG95	4.2	97
99	Proximal muscle rehabilitation is effective for patellofemoral pain: a systematic review with meta-analysis. *British Journal of Sports Medicine*, **2015**, 49, 1365-76	10.3	87
98	Development and evaluation of a tool for the assessment of footwear characteristics. *Journal of Foot and Ankle Research*, **2009**, 2, 10	3.2	86
97	Running retraining to treat lower limb injuries: a mixed-methods study of current evidence synthesised with expert opinion. *British Journal of Sports Medicine*, **2016**, 50, 513-26	10.3	84

96	The biomechanical differences between barefoot and shod distance running: a systematic review and preliminary meta-analysis. *Sports Medicine*, **2013**, 43, 1335-53	10.6	83
95	Conservative management of midportion Achilles tendinopathy: a mixed methods study, integrating systematic review and clinical reasoning. *Sports Medicine*, **2012**, 42, 941-67	10.6	82
94	Lower limb biomechanics during running in individuals with achilles tendinopathy: a systematic review. *Journal of Foot and Ankle Research*, **2011**, 4, 15	3.2	74
93	The efficacy of foot orthoses in the treatment of individuals with patellofemoral pain syndrome: a systematic review. *Sports Medicine*, **2010**, 40, 377-95	10.6	71
92	Biomechanical Risk Factors Associated with Running-Related Injuries: A Systematic Review. *Sports Medicine*, **2019**, 49, 1095-1115	10.6	66
91	The relationship between rearfoot, tibial and hip kinematics in individuals with patellofemoral pain syndrome. *Clinical Biomechanics*, **2012**, 27, 702-5	2.2	60
90	Is Motorized Treadmill Running Biomechanically Comparable to Overground Running? A Systematic Review and Meta-Analysis of Cross-Over Studies. *Sports Medicine*, **2020**, 50, 785-813	10.6	55
89	Patellar taping for patellofemoral pain: a systematic review and meta-analysis to evaluate clinical outcomes and biomechanical mechanisms. *British Journal of Sports Medicine*, **2014**, 48, 417-24	10.3	54
88	Physical Activity and Exercise Therapy Benefit More Than Just Symptoms and Impairments in People With Hip and Knee Osteoarthritis. *Journal of Orthopaedic and Sports Physical Therapy*, **2018**, 48, 439-447	4.2	51
87	Dynamic foot function as a risk factor for lower limb overuse injury: a systematic review. *Journal of Foot and Ankle Research*, **2014**, 7, 53	3.2	51
86	Greater peak rearfoot eversion predicts foot orthoses efficacy in individuals with patellofemoral pain syndrome. *British Journal of Sports Medicine*, **2011**, 45, 697-701	10.3	50
85	Walking kinematics in individuals with patellofemoral pain syndrome: a case-control study. *Gait and Posture*, **2011**, 33, 286-91	2.6	50
84	Relationships between the Foot Posture Index and foot kinematics during gait in individuals with and without patellofemoral pain syndrome. *Journal of Foot and Ankle Research*, **2011**, 4, 10	3.2	47
83	Quality of life in individuals with patellofemoral pain: A systematic review including meta-analysis. *Physical Therapy in Sport*, **2018**, 33, 96-108	3	45
82	The effect of heel lifts on trunk muscle activation during gait: a study of young healthy females. *Journal of Electromyography and Kinesiology*, **2009**, 19, 598-606	2.5	44
81	Is body mass index associated with patellofemoral pain and patellofemoral osteoarthritis? A systematic review and meta-regression and analysis. *British Journal of Sports Medicine*, **2017**, 51, 781-790	10.3	43
80	Pre-cooling for endurance exercise performance in the heat: a systematic review. *BMC Medicine*, **2012**, 10, 166	11.4	42
79	How to manage patellofemoral pain - Understanding the multifactorial nature and treatment options. *Physical Therapy in Sport*, **2018**, 32, 155-166	3	41

78	How can we implement exercise therapy for patellofemoral pain if we don't know what was prescribed? A systematic review. *British Journal of Sports Medicine*, **2018**, 52, 385	10.3	39
77	Risk factors and successful interventions for cricket-related low back pain: a systematic review. *British Journal of Sports Medicine*, **2014**, 48, 685-91	10.3	37
76	Clinical predictors of foot orthoses efficacy in individuals with patellofemoral pain. *Medicine and Science in Sports and Exercise*, **2011**, 43, 1603-10	1.2	34
75	High eccentric hip abduction strength reduces the risk of developing patellofemoral pain among novice runners initiating a self-structured running program: a 1-year observational study. *Journal of Orthopaedic and Sports Physical Therapy*, **2015**, 45, 153-61	4.2	32
74	Evaluation of the scope and quality of systematic reviews on nonpharmacological conservative treatment for patellofemoral pain syndrome. *Journal of Orthopaedic and Sports Physical Therapy*, **2008**, 38, 529-41	4.2	32
73	Female Adults with Patellofemoral Pain Are Characterized by Widespread Hyperalgesia, Which Is Not Affected Immediately by Patellofemoral Joint Loading. *Pain Medicine*, **2016**, 17, 1953-1961	2.8	32
72	Effects of prefabricated foot orthoses on pain and function in individuals with patellofemoral pain syndrome: a cohort study. *Physical Therapy in Sport*, **2011**, 12, 70-5	3	31
71	Influence of kinesiophobia and pain catastrophism on objective function in women with patellofemoral pain. *Physical Therapy in Sport*, **2019**, 35, 116-121	3	31
70	Worsening Knee Osteoarthritis Features on Magnetic Resonance Imaging 1 to 5 Years After Anterior Cruciate Ligament Reconstruction. *American Journal of Sports Medicine*, **2018**, 46, 2873-2883	6.8	31
69	The immediate effects of foot orthoses on functional performance in individuals with patellofemoral pain syndrome. *British Journal of Sports Medicine*, **2011**, 45, 193-7	10.3	30
68	Test-retest reliability of two-dimensional video analysis during running. *Physical Therapy in Sport*, **2018**, 33, 40-47	3	30
67	Limb symmetry index on a functional test battery improves between one and five years after anterior cruciate ligament reconstruction, primarily due to worsening contralateral limb function. *Physical Therapy in Sport*, **2020**, 44, 67-74	3	28
66	Outcome predictors for conservative patellofemoral pain management: a systematic review and meta-analysis. *Sports Medicine*, **2014**, 44, 1703-16	10.6	27
65	Musculoskeletal triage: a mixed methods study, integrating systematic review with expert and patient perspectives. *Physiotherapy*, **2014**, 100, 277-89	3	27
64	Movement Patterns and Muscular Function Before and After Onset of Sports-Related Groin Pain: A Systematic Review with Meta-analysis. *Sports Medicine*, **2016**, 46, 1847-1867	10.6	27
63	It is time to replace publish or perish with get visible or vanish: opportunities where digital and social media can reshape knowledge translation. *British Journal of Sports Medicine*, **2019**, 53, 594-598	10.3	27
62	Patient Education for Patellofemoral Pain: A Systematic Review. *Journal of Orthopaedic and Sports Physical Therapy*, **2020**, 50, 388-396	4.2	26
61	Rethinking patellofemoral pain: Prevention, management and long-term consequences. *Best Practice and Research in Clinical Rheumatology*, **2019**, 33, 48-65	5.3	24

60	What are the Benefits and Risks Associated with Changing Foot Strike Pattern During Running? A Systematic Review and Meta-analysis of Injury, Running Economy, and Biomechanics. *Sports Medicine*, **2020**, 50, 885-917	10.6	22
59	Proximal mechanics during stair ascent are more discriminate of females with patellofemoral pain than distal mechanics. *Clinical Biomechanics*, **2016**, 35, 56-61	2.2	22
58	The immediate effects of foot orthoses on hip and knee kinematics and muscle activity during a functional step-up task in individuals with patellofemoral pain. *Clinical Biomechanics*, **2014**, 29, 1056-62	2.2	20
57	The effect of anti-pronation foot orthoses on hip and knee kinematics and muscle activity during a functional step-up task in healthy individuals: a laboratory study. *Clinical Biomechanics*, **2014**, 29, 177-82	2.2	19
56	The effects & mechanisms of increasing running step rate: A feasibility study in a mixed-sex group of runners with patellofemoral pain. *Physical Therapy in Sport*, **2018**, 32, 244-251	3	19
55	Increased hip adduction during running is associated with patellofemoral pain and differs between males and females: A case-control study. *Journal of Biomechanics*, **2019**, 91, 133-139	2.9	18
54	Implications of knee crepitus to the overall clinical presentation of women with and without patellofemoral pain. *Physical Therapy in Sport*, **2018**, 33, 89-95	3	15
53	Education and exercise supplemented by a pain-guided hopping intervention for male recreational runners with midportion Achilles tendinopathy: A single cohort feasibility study. *Physical Therapy in Sport*, **2019**, 40, 107-116	3	14
52	Gluteal muscle activation during the isometric phase of squatting exercises with and without a Swiss ball. *Physical Therapy in Sport*, **2014**, 15, 39-46	3	14
51	Biomechanical alterations in individuals with Achilles tendinopathy during running and hopping: A systematic review with meta-analysis. *Gait and Posture*, **2019**, 73, 189-201	2.6	13
50	Local and widespread hyperalgesia in female runners with patellofemoral pain are influenced by running volume. *Journal of Science and Medicine in Sport*, **2017**, 20, 362-367	4.4	13
49	'Managing My Patellofemoral Pain': the creation of an education leaflet for patients. *BMJ Open Sport and Exercise Medicine*, **2016**, 2, e000086	3.4	13
48	Dynamic navicular motion measured using a stretch sensor is different between walking and running, and between over-ground and treadmill conditions. *Journal of Foot and Ankle Research*, **2015**, 8, 5	3.2	10
47	Poor functional performance 1 year after ACL reconstruction increases the risk of early osteoarthritis progression. *British Journal of Sports Medicine*, **2020**, 54, 546-553	10.3	10
46	Development, content validity and test-retest reliability of the Lifelong Physical Activity Skills Battery in adolescents. *Journal of Sports Sciences*, **2018**, 36, 2358-2367	3.6	10
45	ACL injuries: the secret probably lies in optimising rehabilitation. *British Journal of Sports Medicine*, **2018**, 52, 1416-1418	10.3	10
44	Knowledge, confidence and learning needs of physiotherapists treating persistent knee pain in Australia and Canada: a mixed-methods study. *Physiotherapy Theory and Practice*, **2021**, 1-13	1.5	10
43	Two-dimensional video analysis can discriminate differences in running kinematics between recreational runners with and without running-related knee injury. *Physical Therapy in Sport*, **2019**, 38, 184-191	3	9

42	A proximal progressive resistance training program targeting strength and power is feasible in people with patellofemoral pain. *Physical Therapy in Sport*, **2019**, 38, 59-65	3	9
41	Lived experience and attitudes of people with plantar heel pain: a qualitative exploration. *Journal of Foot and Ankle Research*, **2020**, 13, 12	3.2	9
40	Patient education improves pain and function in people with knee osteoarthritis with better effects when combined with exercise therapy: a systematic review. *Journal of Physiotherapy*, **2021**, 67, 177-189	2.9	9
39	Patient-Reported Outcomes One to Five Years After Anterior Cruciate Ligament Reconstruction: The Effect of Combined Injury and Associations With Osteoarthritis Features Defined on Magnetic Resonance Imaging. *Arthritis Care and Research*, **2020**, 72, 412-422	4.7	8
38	People with patellofemoral pain have impaired functional performance, that is correlated to hip muscle capacity. *Physical Therapy in Sport*, **2019**, 40, 85-90	3	7
37	Patients and clinicians managing patellofemoral pain should not rely on general web-based information. *Physical Therapy in Sport*, **2020**, 45, 176-180	3	7
36	Pain and disability in women with patellofemoral pain relate to kinesiophobia, but not to patellofemoral joint loading variables. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 2215-2221	4.6	6
35	Is markerless, smart phone recorded two-dimensional video a clinically useful measure of relevant lower limb kinematics in runners with patellofemoral pain? A validity and reliability study. *Physical Therapy in Sport*, **2020**, 43, 36-42	3	6
34	Infographic. Achilles and patellar tendinopathy rehabilitation: strive to implement loading principles not recipes. *British Journal of Sports Medicine*, **2018**, 52, 1232-1233	10.3	5
33	Knee flexor strength and rate of torque development deficits in women with patellofemoral pain are related to poor objective function. *Gait and Posture*, **2021**, 83, 100-106	2.6	5
32	Infographics and digital resources: an international consensus on golf and health. *British Journal of Sports Medicine*, **2018**, 52, 1421-1425	10.3	5
31	Impaired Isometric, Concentric, and Eccentric Rate of Torque Development at the Hip and Knee in Patellofemoral Pain. *Journal of Strength and Conditioning Research*, **2021**, 35, 2492-2497	3.2	5
30	Conservative Management of Midportion Achilles Tendinopathy **2012**, 42, 941		4
29	Novel Stepped Care Approach to Provide Education and Exercise Therapy for Patellofemoral Pain: Feasibility Study. *Journal of Medical Internet Research*, **2020**, 22, e18584	7.6	4
28	Gluteal muscle activity during running in asymptomatic people. *Gait and Posture*, **2020**, 80, 268-273	2.6	3
27	Fear of movement and (re)injury is associated with condition specific outcomes and health-related quality of life in women with patellofemoral pain. *Physiotherapy Theory and Practice*, **2020**, 1-10	1.5	3
26	Exploring views of orthopaedic surgeons, rheumatologists and general practitioners about osteoarthritis management. *Musculoskeletal Care*, **2021**,	1.6	3
25	REPORT-PFP: a consensus from the International Patellofemoral Research Network to improve REPORTing of quantitative PatelloFemoral Pain studies. *British Journal of Sports Medicine*, **2021**, 55, 1135-1143	10.3	3

24	Infographic. Therapeutic exercise relieves pain and does not harm knee cartilage nor trigger inflammation. *British Journal of Sports Medicine*, **2020**, 54, 118-119	10.3	3
23	Choosing Wisely after a sport and exercise-related injury. *Best Practice and Research in Clinical Rheumatology*, **2019**, 33, 16-32	5.3	2
22	Subclassification of recreational runners with a running-related injury based on running kinematics evaluated with marker-based two-dimensional video analysis. *Physical Therapy in Sport*, **2020**, 44, 99-106	3	2
21	Patient Education on Patellofemoral Pain. *JAMA - Journal of the American Medical Association*, **2018**, 319, 2338	27.4	2
20	62 The Effectiveness Of Extracorporeal Shock Wave Therapy In Lower Limb Tendinopathy: A Systematic Review. *British Journal of Sports Medicine*, **2014**, 48, A40.1-A40	10.3	2
19	Impaired Knee Muscle Capacity Is Correlated With Impaired Sagittal Kinematics During Jump Landing in Women With Patellofemoral Pain. *Journal of Strength and Conditioning Research*, **2020**,	3.2	2
18	Medical Interventions for Patellofemoral Pain and Patellofemoral Osteoarthritis: A Systematic Review. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
17	Exercise-therapy and education for individuals one year after anterior cruciate ligament reconstruction: a pilot randomised controlled trial. *BMC Musculoskeletal Disorders*, **2021**, 22, 64	2.8	2
16	A Cancer Exercise Toolkit Developed Using Co-Design: Mixed Methods Study.. *JMIR Cancer*, **2022**, 8, e34903	3.3	2
15	Knee Osteoarthritis Education Interventions in Published Trials Are Typically Unclear, Not Comprehensive Enough, and Lack Robust Development: Ancillary Analysis of a Systematic Review.. *Journal of Orthopaedic and Sports Physical Therapy*, **2021**, 1-46	4.2	2
14	Telerehabilitation for Knee Osteoarthritis in Brazil: A Feasibility Study. *International Journal of Telerehabilitation*, **2020**, 12, 137-148	4.5	1
13	Osteoarthritis Hip and Knee Service (OAHKS) in a community health setting compared to the hospital setting: A feasibility study for a new care pathway. *Musculoskeletal Science and Practice*, **2020**, 49, 102167	2.4	1
12	Infographic: Recommendations for running injuries. *British Journal of Sports Medicine*, **2019**, 53, 148-149	10.3	1
11	Infographic. Running myth: strength training should be high repetition low load to improve running performance. *British Journal of Sports Medicine*, **2020**, 54, 813-814	10.3	1
10	High- and low-value care in sport and exercise medicine: Areas for consideration. *Translational Sports Medicine*, **2020**, 3, 395-403	1.3	0
9	New or Recurrent Knee Injury, Physical Activity, and Osteoarthritis in a Cohort of Female Athletes 2 to 3 Years After ACL Reconstruction and Matched Healthy Peers.. *Sports Health*, **2022**, 19417381221091791	4.7	0
8	Recreational runners with Achilles tendinopathy have clinically detectable impairments: A case-control study.. *Physical Therapy in Sport*, **2022**, 55, 241-247	3	0
7	Comprehensiveness, accuracy, quality, credibility and readability of online information about knee osteoarthritis. *Health Information Management Journal*,183335832210905	2.6	0

6	The Effectiveness of ESWT in Lower Limb Tendinopathy: Response. *American Journal of Sports Medicine*, **2015**, 43, NP44-5	6.8
5	21 The Response Of Human Tendon To Different Chronic Loading Interventions: A Systematic Review. *British Journal of Sports Medicine*, **2014**, 48, A14.1-A14	10.3
4	Correspondence: Author response to Tian et al.. *Journal of Physiotherapy*, **2021**, 68, 80-80	2.9
3	Infographic running myth: static stretching reduces injury risk in runners. *British Journal of Sports Medicine*, **2020**, 54, 1058-1059	10.3
2	Infographic. ACL injury journey: an education aid. *British Journal of Sports Medicine*, **2021**, 55, 697-698	10.3
1	GLA:D Back Australia: a mixed methods feasibility study for implementation.. *Chiropractic & Manual Therapies*, **2022**, 30, 17	1.8