Janet H Zhang

List of Publications by Year in Descending Order

22 papers	314 citations	10 h-index	17 g-index
22 ext. papers	455 ext. citations	3.7 avg, IF	3.52 L-index

#	Paper	IF	Citations
22	The influence of running shoes on familiarization time for treadmill running biomechanics evaluation.. *Sports Biomechanics*, **2022**, 1-14	2.2	1
21	Running biomechanics before and after Pose® method gait retraining in distance runners. *Sports Biomechanics*, **2021**, 20, 958-973	2.2	1
20	How do training experience and geographical origin of a runner affect running biomechanics?. *Gait and Posture*, **2021**, 84, 209-214	2.6	0
19	Real-Time Estimation of Knee Adduction Moment for Gait Retraining in Patients With Knee Osteoarthritis. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2020**, 28, 888-894	4.8	12
18	Effects of heel-toe drop on running biomechanics and perceived comfort of rearfoot strikers in standard cushioned running shoes. *Footwear Science*, **2020**, 12, 91-99	1.4	7
17	The effects of midfoot strike gait retraining on impact loading and joint stiffness. *Physical Therapy in Sport*, **2020**, 42, 139-145	3	4
16	Effects of deceptive footwear condition on subjective comfort and running biomechanics. *Translational Sports Medicine*, **2020**, 3, 256-262	1.3	5
15	Bilateral asymmetry of running gait in competitive, recreational and novice runners at different speeds. *Human Movement Science*, **2020**, 71, 102600	2.4	8
14	Plasticity of muscle synergies through fractionation and merging during development and training of human runners. *Nature Communications*, **2020**, 11, 4356	17.4	20
13	Can runners maintain a newly learned gait pattern outside a laboratory environment following gait retraining?. *Gait and Posture*, **2019**, 69, 8-12	2.6	5
12	Shoe-mounted accelerometers should be used with caution in gait retraining. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 835-842	4.6	16
11	Neurophysiological Correlates of Gait Retraining With Real-Time Visual and Auditory Feedback. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2019**, 27, 1341-1349	4.8	10
10	Walking with head-mounted virtual and augmented reality devices: Effects on position control and gait biomechanics. *PLoS ONE*, **2019**, 14, e0225972	3.7	18
9	Effects of footwear midsole thickness on running biomechanics. *Journal of Sports Sciences*, **2019**, 37, 1004-1010	3.6	14
8	Immediate and short-term biomechanical adaptation of habitual barefoot runners who start shod running. *Journal of Sports Sciences*, **2018**, 36, 451-455	3.6	7
7	Gait Retraining for the Reduction of Injury Occurrence in Novice Distance Runners: 1-Year Follow-up of a Randomized Controlled Trial. *American Journal of Sports Medicine*, **2018**, 46, 388-395	6.8	81
6	Immediate and short-term effects of gait retraining on the knee joint moments and symptoms in patients with early tibiofemoral joint osteoarthritis: a randomized controlled trial. *Osteoarthritis and Cartilage*, **2018**, 26, 1479-1486	6.2	32

List of Publications

5	Control of impact loading during distracted running before and after gait retraining in runners. *Journal of Sports Sciences*, **2018**, 36, 1497-1501	3.6	10
4	Does maximalist footwear lower impact loading during level ground and downhill running?. *European Journal of Sport Science*, **2018**, 18, 1083-1089	3.9	28
3	Measurement agreement between a newly developed sensing insole and traditional laboratory-based method for footstrike pattern detection in runners. *PLoS ONE*, **2017**, 12, e0175724	3.7	7
2	A new footwear technology to promote non-heelstrike landing and enhance running performance: Fact or fad?. *Journal of Sports Sciences*, **2017**, 35, 1533-1537	3.6	13
1	Comparison of the correlations between impact loading rates and peak accelerations measured at two different body sites: Intra- and inter-subject analysis. *Gait and Posture*, **2016**, 46, 53-6	2.6	15