

# Janet H Zhang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Gait Retraining for the Reduction of Injury Occurrence in Novice Distance Runners: 1-Year Follow-up of a Randomized Controlled Trial. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 388-395	6.8	81
21	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. <i>Osteoarthritis and Cartilage</i> , <b>2018</b> , 26, 1479-1486	6.2	32
20	Does maximalist footwear lower impact loading during level ground and downhill running?. <i>European Journal of Sport Science</i> , <b>2018</b> , 18, 1083-1089	3.9	28
19	Plasticity of muscle synergies through fractionation and merging during development and training of human runners. <i>Nature Communications</i> , <b>2020</b> , 11, 4356	17.4	20
18	Walking with head-mounted virtual and augmented reality devices: Effects on position control and gait biomechanics. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225972	3.7	18
17	Shoe-mounted accelerometers should be used with caution in gait retraining. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 835-842	4.6	16
16	Comparison of the correlations between impact loading rates and peak accelerations measured at two different body sites: Intra- and inter-subject analysis. <i>Gait and Posture</i> , <b>2016</b> , 46, 53-6	2.6	15
15	Effects of footwear midsole thickness on running biomechanics. <i>Journal of Sports Sciences</i> , <b>2019</b> , 37, 1004-1010	3.6	14
14	A new footwear technology to promote non-heelstrike landing and enhance running performance: Fact or fad?. <i>Journal of Sports Sciences</i> , <b>2017</b> , 35, 1533-1537	3.6	13
13	Real-Time Estimation of Knee Adduction Moment for Gait Retraining in Patients With Knee Osteoarthritis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2020</b> , 28, 888-894	4.8	12
12	Neurophysiological Correlates of Gait Retraining With Real-Time Visual and Auditory Feedback. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2019</b> , 27, 1341-1349	4.8	10
11	Control of impact loading during distracted running before and after gait retraining in runners. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 1497-1501	3.6	10
10	Bilateral asymmetry of running gait in competitive, recreational and novice runners at different speeds. <i>Human Movement Science</i> , <b>2020</b> , 71, 102600	2.4	8
9	Immediate and short-term biomechanical adaptation of habitual barefoot runners who start shod running. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 451-455	3.6	7
8	Effects of heel-toe drop on running biomechanics and perceived comfort of rearfoot strikers in standard cushioned running shoes. <i>Footwear Science</i> , <b>2020</b> , 12, 91-99	1.4	7
7	Measurement agreement between a newly developed sensing insole and traditional laboratory-based method for footstrike pattern detection in runners. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175724	3.7	7
6	Can runners maintain a newly learned gait pattern outside a laboratory environment following gait retraining?. <i>Gait and Posture</i> , <b>2019</b> , 69, 8-12	2.6	5

5	Effects of deceptive footwear condition on subjective comfort and running biomechanics. <i>Translational Sports Medicine</i> , <b>2020</b> , 3, 256-262	1.3	5
4	The effects of midfoot strike gait retraining on impact loading and joint stiffness. <i>Physical Therapy in Sport</i> , <b>2020</b> , 42, 139-145	3	4
3	Running biomechanics before and after Pose <sup>®</sup> method gait retraining in distance runners. <i>Sports Biomechanics</i> , <b>2021</b> , 20, 958-973	2.2	1
2	The influence of running shoes on familiarization time for treadmill running biomechanics evaluation.. <i>Sports Biomechanics</i> , <b>2022</b> , 1-14	2.2	1
1	How do training experience and geographical origin of a runner affect running biomechanics?. <i>Gait and Posture</i> , <b>2021</b> , 84, 209-214	2.6	0