Chris Mills

List of Publications by Year
in descending order

30 papers	344 citations	840776 11 h-index	888059 17 g-index
30 all docs	30 docs citations	30 times ranked	285 citing authors

#	Article	IF	Citations
1	A new Human factors incident taxonomy for members of the public (HFIT-MP): An investigation of escalator incidents. Safety Science, 2022, 147, 105597.	4.9	2
2	There are two sides to every story: implications of asymmetry on breast support requirements for sports bra manufacturers. Sports Biomechanics, 2021, 20, 866-878.	1.6	4
3	A novel multi-study intervention investigating the short and long term effects of a posture bra on whole body and breast kinematics. Gait and Posture, 2021, 83, 194-200.	1.4	2
4	The Kinematics of Breasts Implanted With a Reduced Mass Implant: A Pilot Study. Aesthetic Surgery Journal, 2020, 40, NP253-NP262.	1.6	4
5	Do static and dynamic activities induce potentially damaging breast skin strain?. BMJ Open Sport and Exercise Medicine, 2020, 6, e000770.	2.9	4
6	The Effects of Compression Garments on Stability and Lower Limb Kinematics During a Forward Lunge. Journal of Human Kinetics, 2020, 71, 59-68.	1.5	6
7	Estimating Breast Mass-Density: A Retrospective Analysis of Radiological Data. Breast Journal, 2017, 23, 237-239.	1.0	7
8	Quantification of gravity-induced skin strain across the breast surface. Clinical Biomechanics, 2017, 50, 47-55.	1.2	11
9	Evidence of Big Five and Aggressive Personalities in Gait Biomechanics. Journal of Nonverbal Behavior, 2017, 41, 35-44.	1.0	25
10	Estimating the gravity induced three dimensional deformation of the breast. Journal of Biomechanics, 2016, 49, 4134-4137.	2.1	7
11	Perceptual-motor behaviour during a simulated pedestrian crossing. Gait and Posture, 2016, 49, 241-245.	1.4	16
12	Trunk marker sets and the subsequent calculation of trunk and breast kinematics during treadmill running. Textile Reseach Journal, 2016, 86, 1128-1136.	2.2	11
13	Do Ergogenic Aids Alter Lower Extremity Joint Alignment During a Functional Movement Lunge Prior to and Following an Exercise Bout?. Journal of Human Kinetics, 2015, 45, 9-17.	1.5	4
14	Breast Support Garments are Ineffective at Reducing Breast Motion During an Aqua Aerobics Jumping Exercise. Journal of Human Kinetics, 2015, 46, 49-58.	1.5	8
15	Acute changes in clinical breast measurements following bra removal: Implications for surgical practice. JPRAS Open, 2015, 3, 22-25.	0.9	3
16	Breast motion asymmetry during running. Journal of Sports Sciences, 2015, 33, 746-753.	2.0	18
17	The influence of breast support on torso, pelvis and arm kinematics during a five kilometer treadmill run. Human Movement Science, 2015, 42, 246-260.	1.4	15
18	The effect of breast support and breast pain on upper-extremity kinematics during running: implications for females with large breasts. Journal of Sports Sciences, 2015, 33, 2043-2050.	2.0	21

#	Article	IF	Citations
19	Multiplanar breast kinematics during different exercise modalities. European Journal of Sport Science, 2015, 15, 111-117.	2.7	24
20	Magnitude of multiplanar breast kinematics differs depending upon run distance. Journal of Sports Sciences, 2015, 33, 2025-2034.	2.0	8
21	The movement of the trunk and breast during front crawl and breaststroke swimming. Journal of Sports Sciences, 2015, 33, 427-436.	2.0	6
22	The effect of breast support on upper body muscle activity during 5km treadmill running. Human Movement Science, 2014, 38, 74-83.	1.4	12
23	Can axes conventions of the trunk reference frame influence breast displacement calculation during running?. Journal of Biomechanics, 2014, 47, 575-578.	2.1	13
24	Is torso soft tissue motion really an artefact within breast biomechanics research?. Journal of Biomechanics, 2014, 47, 2606-2610.	2.1	3
25	Within-Participant Variance in Multiplanar Breast Kinematics During 5 km Treadmill Running. Journal of Applied Biomechanics, 2014, 30, 244-249.	0.8	8
26	A protocol for monitoring soft tissue motion under compression garments during drop landings. Journal of Biomechanics, 2011, 44, 1821-1823.	2.1	12
27	Modifying landing mat material properties may decrease peak contact forces but increase forefoot forces in gymnastics landings. Sports Biomechanics, 2010, 9, 153-164.	1.6	24
28	Reducing ground reaction forces in gymnasticsâ€™ landings may increase internal loading. Journal of Biomechanics, 2009, 42, 671-678.	2.1	36
29	The influence of simulation model complexity on the estimation of internal loading in gymnastics landings. Journal of Biomechanics, 2008, 41, 620-628.	2.1	20
30	Modeling a Viscoelastic Gymnastics Landing Mat during Impact. Journal of Applied Biomechanics, 2006, 22, 103-111.	0.8	10