

Jason Tak-Man Cheung

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.

27
papers

1,497
citations

18
h-index

27
g-index

27
ext. papers

1,700
ext. citations

2.1
avg, IF

4.48
L-index

#	Paper	IF	Citations
27	Three-dimensional finite element analysis of the foot during standing--a material sensitivity study. <i>Journal of Biomechanics</i> , 2005 , 38, 1045-54	2.9	293
26	Effect of Achilles tendon loading on plantar fascia tension in the standing foot. <i>Clinical Biomechanics</i> , 2006 , 21, 194-203	2.2	155
25	A 3-dimensional finite element model of the human foot and ankle for insole design. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005 , 86, 353-8	2.8	127
24	Effects of plantar fascia stiffness on the biomechanical responses of the ankle-foot complex. <i>Clinical Biomechanics</i> , 2004 , 19, 839-46	2.2	123
23	Parametric design of pressure-relieving foot orthosis using statistics-based finite element method. <i>Medical Engineering and Physics</i> , 2008 , 30, 269-77	2.4	120
22	Development of a finite element model of female foot for high-heeled shoe design. <i>Clinical Biomechanics</i> , 2008 , 23 Suppl 1, S31-8	2.2	95
21	Consequences of partial and total plantar fascia release: a finite element study. <i>Foot and Ankle International</i> , 2006 , 27, 125-32	3.3	83
20	Effect of sock on biomechanical responses of foot during walking. <i>Clinical Biomechanics</i> , 2006 , 21, 314-21	2.2	71
19	Biomechanical responses of the intervertebral joints to static and vibrational loading: a finite element study. <i>Clinical Biomechanics</i> , 2003 , 18, 790-9	2.2	65
18	Effect of heel height on in-shoe localized triaxial stresses. <i>Journal of Biomechanics</i> , 2011 , 44, 2267-72	2.9	45
17	Kinetics of badminton lunges in four directions. <i>Journal of Applied Biomechanics</i> , 2014 , 30, 113-8	1.2	34
16	Reliability of a basketball specific testing protocol for footwear fit and comfort perception. <i>Footwear Science</i> , 2011 , 3, 151-158	1.4	33
15	Biomechanical simulation of high-heeled shoe donning and walking. <i>Journal of Biomechanics</i> , 2013 , 46, 2067-74	2.9	31
14	Influence of rearfoot and forefoot midsole hardness on biomechanical and perception variables during heel-toe running. <i>Footwear Science</i> , 2013 , 5, 71-79	1.4	30
13	Shoe collar height effect on athletic performance, ankle joint kinematics and kinetics during unanticipated maximum-effort side-cutting performance. <i>Journal of Sports Sciences</i> , 2015 , 33, 1738-49	3.6	29
12	Current methods in computer-aided engineering for footwear design. <i>Footwear Science</i> , 2009 , 1, 31-46	1.4	27
11	In-shoe plantar tri-axial stress profiles during maximum-effort cutting maneuvers. <i>Journal of Biomechanics</i> , 2014 , 47, 3799-806	2.9	26

10	Clinical Applications of Computational Simulation of Foot and Ankle. <i>Sports Orthopaedics and Traumatology</i> , 2008 , 23, 264-271	0.4	19
9	Deterioration of stress distribution due to tunnel creation in single-bundle and double-bundle anterior cruciate ligament reconstructions. <i>Annals of Biomedical Engineering</i> , 2012 , 40, 1554-67	4.7	18
8	Does shoe heel design influence ground reaction forces and knee moments during maximum lunges in elite and intermediate badminton players?. <i>PLoS ONE</i> , 2017 , 12, e0174604	3.7	17
7	Influence of protocol complexity on fit perception of basketball footwear. <i>Footwear Science</i> , 2013 , 5, 155-163	1.4	13
6	Effect of tibial drill-guide angle on the mechanical environment at bone tunnel aperture after anatomic single-bundle anterior cruciate ligament reconstruction. <i>International Orthopaedics</i> , 2014 , 38, 973-81	3.8	11
5	Segmented midsole hardness in the midfoot to forefoot region of running shoes alters subjective perception and biomechanics during heel-toe running revealing potential to enhance footwear. <i>Footwear Science</i> , 2015 , 7, 63-79	1.4	11
4	Running shoe crash-pad design alters shoe touchdown angles and ankle stability parameters during heel-toe running. <i>Footwear Science</i> , 2015 , 7, 81-93	1.4	8
3	Changes in comfort perception and direction change performance of badminton shoes with extensive usage time. <i>Footwear Science</i> , 2016 , 8, 13-17	1.4	8
2	Effect of soccer shoe ball girth differences on fit perception, agility running and running speed perception. <i>Footwear Science</i> , 2014 , 6, 97-103	1.4	4
1	Computational Modeling the Foot-Insole Interface. <i>Studies in Computational Intelligence</i> , 2007 , 311-321	0.8	1