

# Howard J Hillstrom

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,176  
citations

430874

18  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is the Planus Foot Type Associated With First Ray Hypermobility?. <i>Foot &amp; Ankle Orthopaedics</i> , 2022, 7, 24730114221081545.	0.2	3
2	Comparative Reliability of a Novel Electromechanical Device and Handheld Ruler for Measuring First Ray Mobility. <i>Foot and Ankle International</i> , 2021, 42, 107110072110203.	2.3	7
3	The Association of Parity with Greater Dynamic Pronation of the Feet. <i>PM and R</i> , 2021, 13, 144-152.	1.6	1
4	Biomechanics of the Peroneal Tendons. , 2020, , 23-40.		3
5	Hip muscle response to a fatiguing run in females with iliotibial band syndrome. <i>Human Movement Science</i> , 2019, 64, 181-190.	1.4	14
6	Concurrent validity of an automated algorithm for computing the center of pressure excursion index (CPEI). <i>Gait and Posture</i> , 2018, 59, 7-10.	1.4	7
7	At Home Photography-Based Method for Measuring Wrist Range of Motion. <i>Journal of Wrist Surgery</i> , 2017, 06, 280-284.	0.7	7
8	Reliability of the Arch Height Index as a Measure of Foot Structure in Children. <i>Pediatric Physical Therapy</i> , 2017, 29, 83-88.	0.6	17
9	An Investigation of Structure, Flexibility, and Function Variables that Discriminate Asymptomatic Foot Types. <i>Journal of Applied Biomechanics</i> , 2017, 33, 203-210.	0.8	6
10	Foot Pain in Relation to Ipsilateral and Contralateral Lower-Extremity Pain in a Population-Based Study. <i>Journal of the American Podiatric Medical Association</i> , 2017, 107, 307-312.	0.3	0
11	The effects of fatigue on lower extremity kinematics, kinetics and joint coupling in symptomatic female runners with iliotibial band syndrome. <i>Clinical Biomechanics</i> , 2016, 39, 84-90.	1.2	33
12	Leg Muscle Mass and Foot Symptoms, Structure, and Function: The Johnston County Osteoarthritis Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 385-390.	3.6	2
13	The effect of wrist surgery on the kinematic consistency of joint axis reconstruction in a static posture. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1341-1347.	2.3	3
14	Foot Disorders Associated With Overpronated and Oversupinated Foot Function. <i>Foot and Ankle International</i> , 2014, 35, 1159-1165.	2.3	22
15	Wrist Kinematic Coupling and Performance During Functional Tasks: Effects of Constrained Motion. <i>Journal of Hand Surgery</i> , 2014, 39, 634-642.e1.	1.6	41
16	Dynamic barefoot plantar pressure in gait and foot type biomechanics. <i>Journal of Foot and Ankle Research</i> , 2014, 7, .	1.9	2
17	The effects of limb dominance and fatigue on running biomechanics. <i>Gait and Posture</i> , 2014, 39, 915-919.	1.4	85
18	Development of an Anatomical Wrist Joint Coordinate System to Quantify Motion During Functional Tasks. <i>Journal of Applied Biomechanics</i> , 2014, 30, 586-593.	0.8	18

#	ARTICLE	IF	CITATIONS
19	Factors affecting center of pressure in older adults: the Framingham Foot Study. <i>Journal of Foot and Ankle Research</i> , 2013, 6, 18.	1.9	23
20	Association of Planus Foot Posture and Pronated Foot Function With Foot Pain: The Framingham Foot Study. <i>Arthritis Care and Research</i> , 2013, 65, 1991-1999.	3.4	62
21	Foot Type Biomechanics Part 2: Are structure and anthropometrics related to function?. <i>Gait and Posture</i> , 2013, 37, 452-456.	1.4	49
22	Foot type biomechanics part 1: Structure and function of the asymptomatic foot. <i>Gait and Posture</i> , 2013, 37, 445-451.	1.4	171
23	Effect of Shoe Flexibility on Plantar Loading in Children Learning to Walk. <i>Journal of the American Podiatric Medical Association</i> , 2013, 103, 297-305.	0.3	19
24	Foot Disorders, Foot Posture, and Foot Function: The Framingham Foot Study. <i>PLoS ONE</i> , 2013, 8, e74364.	2.5	80
25	The effect of foot structure on 1st metatarsophalangeal joint flexibility and hallucal loading. <i>Gait and Posture</i> , 2011, 34, 131-137.	1.4	44
26	Body size and walking cadence affect lower extremity joint power in children's gait. <i>Gait and Posture</i> , 2010, 32, 248-252.	1.4	47
27	Foot pain: Is current or past footwear a factor?. <i>Arthritis and Rheumatism</i> , 2009, 61, 1352-1358.	6.7	83
28	Accuracy and Reliability of Three Different Techniques for Manual Goniometry for Wrist Motion: A Cadaveric Study. <i>Journal of Hand Surgery</i> , 2009, 34, 1422-1428.	1.6	83
29	Effects of Pediatric Obesity on Joint Kinematics and Kinetics During 2 Walking Cadences. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 2146-2154.	0.9	69
30	A Quasi-Linear, Viscoelastic, Structural Model of the Plantar Soft Tissue With Frequency-Sensitive Damping Properties. <i>Journal of Biomechanical Engineering</i> , 2004, 126, 831-837.	1.3	26
31	The distributed plantar vertical force of neutrally aligned and pes planus feet. <i>Gait and Posture</i> , 2002, 15, 1-9.	1.4	145
32	The static accuracy and repeatability of the musgrave footprintâ„¢ pressure plate system. <i>Gait and Posture</i> , 1995, 3, 93.	1.4	3
33	Robust intent recognition for prosthesis control. , 1992, , .		1