# Howard J Hillstrom

List of Publications by Year
in descending order



| 33 | 1,176 | 430874 18 | 454955 30 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 33 | 33 | 33 | 1172 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Foot type biomechanics part 1: Structure and function of the asymptomatic foot. Gait and Posture, 2013, 37, 445-451. | 1.4 | 171 |
| 2 | The distributed plantar vertical force of neutrally aligned and pes planus feet. Gait and Posture, 2002, 15, 1-9. | 1.4 | 145 |
| 3 | The effects of limb dominance and fatigue on running biomechanics. Gait and Posture, 2014, 39, 915-919. | 1.4 | 85 |
| 4 | Foot pain: Is current or past shoewear a factor?. Arthritis and Rheumatism, 2009, 61, 1352-1358. | 6.7 | 83 |
| 5 | Accuracy and Reliability of Three Different Techniques for Manual Goniometry for Wrist Motion: A Cadaveric Study. Journal of Hand Surgery, 2009, 34, 1422-1428. | 1.6 | 83 |
| 6 | Foot Disorders, Foot Posture, and Foot Function: The Framingham Foot Study. PLoS ONE, 2013, 8, e74364. | 2.5 | 80 |
| 7 | Effects of Pediatric Obesity on Joint Kinematics and Kinetics During 2 Walking Cadences. Archives of Physical Medicine and Rehabilitation, 2009, 90, 2146-2154. | 0.9 | 69 |
| 8 | Association of Planus Foot Posture and Pronated Foot Function With Foot Pain: The Framingham Foot Study. Arthritis Care and Research, 2013, 65, 1991-1999. | 3.4 | 62 |
| 9 | Foot Type Biomechanics Part 2: Are structure and anthropometrics related to function?. Gait and Posture, 2013, 37, 452-456. | 1.4 | 49 |
| 10 | Body size and walking cadence affect lower extremity joint power in children's gait. Gait and Posture, 2010, 32, 248-252. | 1.4 | 47 |
| 11 | The effect of foot structure on 1st metatarsophalangeal joint flexibility and hallucal loading. Gait and Posture, 2011, 34, 131-137. | 1.4 | 44 |
| 12 | Wrist Kinematic Coupling and Performance During Functional Tasks: Effects of Constrained Motion. Journal of Hand Surgery, 2014, 39, 634-642.e1. | 1.6 | 41 |
| 13 | The effects of fatigue on lower extremity kinematics, kinetics and joint coupling in symptomatic female runners with iliotibial band syndrome. Clinical Biomechanics, 2016, 39, 84-90. | 1.2 | 33 |
| 14 | A Quasi-Linear, Viscoelastic, Structural Model of the Plantar Soft Tissue With Frequency-Sensitive Damping Properties. Journal of Biomechanical Engineering, 2004, 126, 831-837. | 1.3 | 26 |
| 15 | Factors affecting center of pressure in older adults: the Framingham Foot Study. Journal of Foot and Ankle Research, 2013, 6, 18. | 1.9 | 23 |
| 16 | Foot Disorders Associated With Overpronated and Oversupinated Foot Function. Foot and Ankle International, 2014, 35, 1159-1165. | 2.3 | 22 |
| 17 | Effect of Shoe Flexibility on Plantar Loading in Children Learning to Walk. Journal of the American Podiatric Medical Association, 2013, 103, 297-305. | 0.3 | 19 |
| 18 | Development of an Anatomical Wrist Joint Coordinate System to Quantify Motion During Functional Tasks. Journal of Applied Biomechanics, 2014, 30, 586-593. | 0.8 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Reliability of the Arch Height Index as a Measure of Foot Structure in Children. Pediatric Physical Therapy, 2017, 29, 83-88. | 0.6 | 17 |
| 20 | Hip muscle response to a fatiguing run in females with iliotibial band syndrome. Human Movement Science, 2019, 64, 181-190. | 1.4 | 14 |
| 21 | At Home Photography-Based Method for Measuring Wrist Range of Motion. Journal of Wrist Surgery, 2017, 06, 280-284. | 0.7 | 7 |
| 22 | Concurrent validity of an automated algorithm for computing the center of pressure excursion index (CPEI). Gait and Posture, 2018, 59, 7-10. | 1.4 | 7 |
| 23 | Comparative Reliability of a Novel Electromechanical Device and Handheld Ruler for Measuring First Ray Mobility. Foot and Ankle International, 2021, 42, 107110072110203. | 2.3 | 7 |
| 24 | An Investigation of Structure, Flexibility, and Function Variables that Discriminate Asymptomatic Foot Types. Journal of Applied Biomechanics, 2017, 33, 203-210. | 0.8 | 6 |
| 25 | The static accuracy and repeatability of the musgrave footprintâ„¢ pressure plate system. Gait and Posture, 1995, 3, 93. | 1.4 | 3 |
| 26 | The effect of wrist surgery on the kinematic consistency of joint axis reconstruction in a static posture. Journal of Orthopaedic Research, 2015, 33, 1341-1347. | 2.3 | 3 |
| 27 | Biomechanics of the Peroneal Tendons. , 2020, , 23-40. | | 3 |
| 28 | Is the Planus Foot Type Associated With First Ray Hypermobility?. Foot & Ankle Orthopaedics, 2022, 7, 24730114221081545. | 0.2 | 3 |
| 29 | Dynamic barefoot plantar pressure in gait and foot type biomechanics. Journal of Foot and Ankle Research, 2014, 7, . | 1.9 | 2 |
| 30 | Leg Muscle Mass and Foot Symptoms, Structure, and Function: The Johnston County Osteoarthritis Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 385-390. | 3.6 | 2 |
| 31 | Robust intent recognition for prosthesis control. , 1992, , . | | 1 |
| 32 | The Association of Parity with Greater Dynamic Pronation of the Feet. PM and R, 2021, 13, 144-152. | 1.6 | 1 |
| 33 | Foot Pain in Relation to Ipsilateral and Contralateral Lower-Extremity Pain in a Population-Based Study. Journal of the American Podiatric Medical Association, 2017, 107, 307-312. | 0.3 | 0 |