

# Brian J Hafner

## List of Publications by Year in Descending Order

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This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	1,309 citations	17 h-index	34 g-index
81 ext. papers	1,713 ext. citations	1.9 avg, IF	4.86 L-index

#	Paper	IF	Citations
66	Clinical Resources for Assessing Mobility of People with Lower-Limb Amputation: Interviews with Rehabilitation Clinicians.. <i>Journal of Prosthetics and Orthotics</i> , <b>2022</b> , 34, 69-78	0.7	2
65	Cyclic socket enlargement and reduction during walking to minimize limb fluid volume loss in transtibial prosthesis users.. <i>Medical Engineering and Physics</i> , <b>2022</b> , 103, 103787	2.4	0
64	Effects of shear force reduction during mechanical testing and day-to-day variation on stiffness of commercial prosthetic feet: a technical note.. <i>Prosthetics and Orthotics International</i> , <b>2022</b> , 46, 206-211	1.5	
63	Performance of an auto-adjusting prosthetic socket during walking with intermittent socket release.. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , <b>2022</b> , 9, 20556683221093271	1.7	
62	Prosthetic forefoot and heel stiffness across consecutive foot stiffness categories and sizes.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268136	3.7	0
61	Mobility experiences of adult lower limb orthosis users: a focus group study. <i>Disability and Rehabilitation</i> , <b>2021</b> , 1-12	2.4	1
60	Characterizing Practice Effects in Performance-Based Tests Administered to Users of Unilateral Lower Limb Prostheses: A Preliminary Study. <i>PM and R</i> , <b>2021</b> , 13, 969-978	2.2	1
59	Fall-related events in people who are lower limb prosthesis users: the lived experience. <i>Disability and Rehabilitation</i> , <b>2021</b> , 1-12	2.4	1
58	Socket release/relock: An innovative mechanism to maintain residual limb volume. <i>Medical Engineering and Physics</i> , <b>2021</b> , 90, 100-106	2.4	1
57	Performance-based balance tests, combined with the number of falls recalled in the past year, predicts the incidence of future falls in established unilateral transtibial prosthesis users. <i>PM and R</i> , <b>2021</b> ,	2.2	2
56	2020 in Review: A Perspective From the Immediate Past Editors-in-Chief. <i>Prosthetics and Orthotics International</i> , <b>2021</b> , 45, 1-5	1.5	
55	Effect of standing and sitting positions on energy expenditure in people with transtibial amputation compared to age- and sex-matched controls. <i>Prosthetics and Orthotics International</i> , <b>2021</b> , 45, 262-267	1.5	
54	A Comparison of the Two-Minute Walk Test and Comprehensive High-level Activity Mobility Predictor (CHAMP) in People with a Leg Prosthesis.. <i>Clinical Rehabilitation</i> , <b>2021</b> , 2692155211069323	3.3	0
53	Mobility with a lower limb prosthesis: experiences of users with high levels of functional ability. <i>Disability and Rehabilitation</i> , <b>2020</b> , 1-9	2.4	3
52	Effectiveness of elevated vacuum and suction prosthetic suspension systems in managing daily residual limb fluid volume change in people with transtibial amputation. <i>Prosthetics and Orthotics International</i> , <b>2020</b> , 44, 155-163	1.5	5
51	Interrater and Test-Retest Reliability of Performance-Based Clinical Tests Administered to Established Users of Lower Limb Prostheses. <i>Physical Therapy</i> , <b>2020</b> , 100, 1206-1216	3.3	12
50	Modeling the mechanics of elevated vacuum systems in prosthetic sockets. <i>Medical Engineering and Physics</i> , <b>2020</b> , 84, 75-83	2.4	0

49	Does actively enlarging socket volume during resting facilitate residual limb fluid volume recovery in trans-tibial prosthesis users?. <i>Clinical Biomechanics</i> , <b>2020</b> , 78, 105001	2.2	4
48	Using Clinical Balance Tests to Assess Fall Risk among Established Unilateral Lower Limb Prosthesis Users: Cutoff Scores and Associated Validity Indices. <i>PM and R</i> , <b>2020</b> , 12, 16-25	2.2	8
47	Conventional administration and scoring procedures suppress the diagnostic accuracy of a performance-based test designed to assess balance ability in lower limb prosthesis users. <i>Prosthetics and Orthotics International</i> , <b>2019</b> , 43, 402-408	1.5	2
46	Socket size adjustments in people with transtibial amputation: Effects on residual limb fluid volume and limb-socket distance. <i>Clinical Biomechanics</i> , <b>2019</b> , 63, 161-171	2.2	13
45	Effects of activity intensity, time, and intermittent doffing on daily limb fluid volume change in people with transtibial amputation. <i>Prosthetics and Orthotics International</i> , <b>2019</b> , 43, 28-38	1.5	14
44	Prosthetists' perceptions of information obtained from a lower limb prosthesis monitoring system: a pilot study. <i>Journal of Prosthetics and Orthotics</i> , <b>2019</b> , 31, 112-120	0.7	1
43	Prosthetic Limb User Experiences With Crossover Feet: A Pilot Focus Group Study to Explore Outcomes That Matter. <i>Journal of Prosthetics and Orthotics</i> , <b>2019</b> , 31, 121-132	0.7	2
42	Frequency and Circumstances of Falls Reported by Ambulatory Unilateral Lower Limb Prosthesis Users: A Secondary Analysis. <i>PM and R</i> , <b>2019</b> , 11, 344-353	2.2	21
41	Retracting Locking-Pin Mechanism That Allows Partial Prosthetic Socket Doffing during Sitting. <i>Journal of Prosthetics and Orthotics</i> , <b>2018</b> , 30, 114-118	0.7	
40	Validation of the Narrowing Beam Walking Test in Lower Limb Prosthesis Users. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 99, 1491-1498.e1	2.8	16
39	A finite element model to assess transtibial prosthetic sockets with elastomeric liners. <i>Medical and Biological Engineering and Computing</i> , <b>2018</b> , 56, 1227-1240	3.1	20
38	Energy expenditure in people with transtibial amputation walking with crossover and energy storing prosthetic feet: A randomized within-subject study. <i>Gait and Posture</i> , <b>2018</b> , 62, 349-354	2.6	12
37	Residual limb fluid volume change and volume accommodation: Relationships to activity and self-report outcomes in people with trans-tibial amputation. <i>Prosthetics and Orthotics International</i> , <b>2018</b> , 42, 415-427	1.5	13
36	Association of self-reported cognitive concerns with mobility in people with lower limb loss. <i>Disability and Rehabilitation</i> , <b>2018</b> , 40, 96-103	2.4	9
35	A study to assess whether fixed-width beam walking provides sufficient challenge to assess balance ability across lower limb prosthesis users. <i>Clinical Rehabilitation</i> , <b>2018</b> , 32, 483-492	3.3	8
34	A comparison of computerized adaptive testing and fixed-length short forms for the Prosthetic Limb Users Survey of Mobility (PLUS-M). <i>Prosthetics and Orthotics International</i> , <b>2018</b> , 42, 476-482	1.5	8
33	Functional Outcomes in People with Transtibial Amputation Using Crossover and Energy-Storing Prosthetic Feet: A Pilot Study. <i>Journal of Prosthetics and Orthotics</i> , <b>2018</b> , 30, 90-100	0.7	3
32	Narrowing beam-walking is a clinically feasible approach for assessing balance ability in lower-limb prosthesis users. <i>Journal of Rehabilitation Medicine</i> , <b>2018</b> , 50, 457-464	3.4	12

31	Laboratory- and community-based health outcomes in people with transtibial amputation using crossover and energy-storing prosthetic feet: A randomized crossover trial. <i>PLoS ONE</i> , <b>2018</b> , 13, e0189632	3.7	16
30	A Novel Method for Assessing Prosthesis Use and Accommodation Practices of People with Transtibial Amputation. <i>Journal of Prosthetics and Orthotics</i> , <b>2018</b> , 30, 214-230	0.7	10
29	Characterization of Prosthetic Liner Products for People with Transtibial Amputation. <i>Journal of Prosthetics and Orthotics</i> , <b>2018</b> , 30, 187-199	0.7	12
28	Assessment of low- and high-level task performance in people with transtibial amputation using crossover and energy-storing prosthetic feet: A pilot study. <i>Prosthetics and Orthotics International</i> , <b>2018</b> , 42, 583-591	1.5	3
27	Development of Standardized Material Testing Protocols for Prosthetic Liners. <i>Journal of Biomechanical Engineering</i> , <b>2017</b> , 139,	2.1	10
26	Effects of socket size on metrics of socket fit in trans-tibial prosthesis users. <i>Medical Engineering and Physics</i> , <b>2017</b> , 44, 32-43	2.4	17
25	Dual-task walking over a compliant foam surface: A comparison of people with transfemoral amputation and controls. <i>Gait and Posture</i> , <b>2017</b> , 58, 41-45	2.6	11
24	Cross-Sectional Assessment of Factors Related to Pain Intensity and Pain Interference in Lower Limb Prosthesis Users. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2017</b> , 98, 105-113	2.8	32
23	Construct Validity of the Prosthetic Limb Users Survey of Mobility (PLUS-M) in Adults With Lower Limb Amputation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2017</b> , 98, 277-285	2.8	67
22	Prosthetists' perceptions and use of outcome measures in clinical practice: Long-term effects of focused continuing education. <i>Prosthetics and Orthotics International</i> , <b>2017</b> , 41, 266-273	1.5	11
21	Elastomeric liners for people with transtibial amputation: Survey of prosthetists' clinical practices. <i>Prosthetics and Orthotics International</i> , <b>2017</b> , 41, 149-156	1.5	5
20	Does temporary socket removal affect residual limb fluid volume of trans-tibial amputees?. <i>Prosthetics and Orthotics International</i> , <b>2016</b> , 40, 320-8	1.5	20
19	Self-Reported Cognitive Concerns in People With Lower Limb Loss. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2016</b> , 97, 912-8	2.8	14
18	Issues affecting the level of prosthetics research evidence: Secondary analysis of a systematic review. <i>Prosthetics and Orthotics International</i> , <b>2016</b> , 40, 31-43	1.5	13
17	Amputee socks: Sock thickness changes with normal use. <i>Prosthetics and Orthotics International</i> , <b>2016</b> , 40, 329-35	1.5	8
16	Characterizing mobility from the prosthetic limb user's perspective: Use of focus groups to guide development of the Prosthetic Limb Users Survey of Mobility. <i>Prosthetics and Orthotics International</i> , <b>2016</b> , 40, 582-90	1.5	29
15	Preliminary evaluation of a novel bladder-liner for facilitating residual limb fluid volume recovery without doffing. <i>Journal of Rehabilitation Research and Development</i> , <b>2016</b> , 53, 1107-1120		11
14	Psychometric evaluation of self-report outcome measures for prosthetic applications. <i>Journal of Rehabilitation Research and Development</i> , <b>2016</b> , 53, 797-812		58

13	Health-related profiles of people with lower limb loss. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 1474-83	2.8	56
12	Use of and confidence in administering outcome measures among clinical prosthetists: Results from a national survey and mixed-methods training program. <i>Prosthetics and Orthotics International</i> , <b>2015</b> , 39, 314-21	1.5	26
11	Considerations for development of sensing and monitoring tools to facilitate treatment and care of persons with lower-limb loss: a review. <i>Journal of Rehabilitation Research and Development</i> , <b>2014</b> , 51, 1-14		51
10	Self-reported prosthetic sock use among persons with transtibial amputation. <i>Prosthetics and Orthotics International</i> , <b>2014</b> , 38, 321-31	1.5	8
9	Use of cognitive interviews in the development of the PLUS-M item bank. <i>Quality of Life Research</i> , <b>2014</b> , 23, 1767-75	3.7	20
8	Effect of a foot-drop stimulator and ankle-foot orthosis on walking performance after stroke: a multicenter randomized controlled trial. <i>Neurorehabilitation and Neural Repair</i> , <b>2013</b> , 27, 579-91	4.7	97
7	Outcomes associated with the use of microprocessor-controlled prosthetic knees among individuals with unilateral transfemoral limb loss: a systematic review. <i>Journal of Rehabilitation Research and Development</i> , <b>2013</b> , 50, 273-314		54
6	Postural asymmetries in transfemoral amputees. <i>Prosthetics and Orthotics International</i> , <b>2011</b> , 35, 171-80.	0.5	24
5	. <i>Journal of Rehabilitation Research and Development</i> , <b>2009</b> , 46, 417		93
4	Evaluation of function, performance, and preference as transfemoral amputees transition from mechanical to microprocessor control of the prosthetic knee. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2007</b> , 88, 207-17	2.8	190
3	Measurement of Knee Center Alignment Trends in a National Sample of Established Users of the Otto Bock C-Leg Microprocessor-Controlled Knee Unit. <i>Journal of Prosthetics and Orthotics</i> , <b>2004</b> , 16, 72-75	0.7	7
2	Energy storage and return prostheses: does patient perception correlate with biomechanical analysis?. <i>Clinical Biomechanics</i> , <b>2002</b> , 17, 325-44	2.2	117
1	Transtibial energy-storage-and-return prosthetic devices: a review of energy concepts and a proposed nomenclature. <i>Journal of Rehabilitation Research and Development</i> , <b>2002</b> , 39, 1-11		15