Hossein Gholizadeh

List of Publications by Year
in descending order

57	1,060	394286	434063
papers	citations	19 h-index	31 g-index

58	58	58	838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the use of virtual reality for individuals with upper limb loss: a systematic scoping review. European Journal of Physical and Rehabilitation Medicine, 2022, 58, .	1.1	2
2	Video Gameâ€“Based Rehabilitation Approach for Individuals Who Have Undergone Upper Limb Amputation: Case-Control Study. JMIR Serious Games, 2021, 9, e17017.	1.7	16
3	A review of history of CAD/CAM system application in the production of transtibial prosthetic socket in developing countries (from 1980 to 2019). Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 1359-1374.	1.0	8
4	Hip disarticulation and hemipelvectomy prostheses: A review of the literature. Prosthetics and Orthotics International, 2021, 45, 434-439.	0.5	4
5	EFFECTS OF UNITY PROSTHETIC ELEVATED VACUUM SUSPENSION SYSTEM ON MINIMUM SWING TOE CLEARANCE. Canadian Prosthetics & Orthotics Journal, 2021, 5, .	0.2	0
6	Compression and tension behavior of the prosthetic foam materials polyurethane, EVA, Peliteâ„¢ and a combination of polyurethane and EVA: a preliminary study. Biomedizinische Technik, 2021, 66, 317-322.	0.9	4
7	Transtibial amputee gait with the unity suspension system. Disability and Rehabilitation: Assistive Technology, 2020, 15, 350-356.	1.3	6
8	The effect of various arm and walking conditions on postural dynamic stability when recovering from a trip perturbation. Gait and Posture, 2020, 76, 284-289.	0.6	5
9	Mechanical Evaluation of Unity Elevated Vacuum Suspension System. Canadian Prosthetics & Orthotics Journal, 2020, 2, .	0.2	1
10	Effect of arm motion on postural stability when recovering from a slip perturbation. Journal of Biomechanics, 2019, 95, 109269.	0.9	14
11	Improvement on upper limb body-powered prostheses (1921â€“2016): A systematic review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 3-11.	1.0	10
12	Transtibial amputee gait during slope walking with the unity suspension system. Gait and Posture, 2018, 65, 205-212.	0.6	6
13	Effects of the unity vacuum suspension system on transtibial gait for simulated non-level surfaces. PLoS ONE, 2018, 13, e0199181.	1.1	6
14	An anthropomorphic transhumeral prosthesis socket developed based on an oscillometric pump and controlled by force-sensitive resistor pressure signals. Biomedizinische Technik, 2017, 62, 49-55.	0.9	1
15	Analysis of voluntary opening Ottobock Hook and Hosmer Hook for upper limb prosthetics: a preliminary study. Biomedizinische Technik, 2017, 62, 447-454.	0.9	2
16	Prosthesis donning and doffing questionnaire. Prosthetics and Orthotics International, 2017, 41, 571-578.	0.5	4
17	Clinical evaluation of a prosthetic suspension system. Prosthetics and Orthotics International, 2017, 41, 476-483.	0.5	6
18	Effect of stump flexion contracture with and without prosthetic alignment intervention towards postural stability among transtibial prosthesis users. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012002.	0.3	1

#	Article	IF	Citations
19	The evidence-base for elevated vacuum in lower limb prosthetics: Literature review and professional feedback. Clinical Biomechanics, 2016, 37, 108-116.	0.5	39
20	A comparison of pressure distributions between two types of sockets in a bulbous stump. Prosthetics and Orthotics International, 2016, 40, 509-516.	0.5	12
21	Re. American Journal of Physical Medicine and Rehabilitation, 2015, 94, e60.	0.7	0
22	Comparison study of the prosthetics interface pressure profile of air splint socket and ICRC polypropylene socket for upper limb prosthetics. Biocybernetics and Biomedical Engineering, 2015, 35, 100-105.	3.3	8
23	Evaluation of postural steadiness in below-knee amputees when wearing different prosthetic feet during various sensory conditions using the Biodex^{Â®} Stability System. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 491-498.	1.0	6
24	The influence of foot orthoses on foot mobility magnitude and arch height index in adults with flexible flat feet. Prosthetics and Orthotics International, 2015, 39, 190-196.	0.5	14
25	Gait Biomechanics of Individuals with Transtibial Amputation: Effect of Suspension System. PLoS ONE, 2014, 9, e96988.	1.1	31
26	Postural Stability Characteristics of Transtibial Amputees Wearing Different Prosthetic Foot Types When Standing on Various Support Surfaces. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	19
27	Comparative Study between Dermo, Pelite, and Seal-In X5 Liners: Effect on Patientâ€™s Satisfaction and Perceived Problems. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	8
28	Review of the Socket Design and Interface Pressure Measurement for Transtibial Prosthesis. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	50
29	Biomechanics principle of elbow joint for transhumeral prostheses: comparison of normal hand, body-powered, myoelectric & air splint prostheses. BioMedical Engineering OnLine, 2014, 13, 134.	1.3	6
30	Development of an Air Pneumatic Suspension System for Transtibial Prostheses. Sensors, 2014, 14, 16754-16765.	2.1	30
31	Satisfaction and Problems Experienced with Wrist Movements. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 437-444.	0.7	6
32	Transfemoral Prosthesis Suspension Systems. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 809-823.	0.7	42
33	The Effects of Suction and Pin/Lock Suspension Systems on Transtibial Amputeesâ€™ Gait Performance. PLoS ONE, 2014, 9, e94520.	1.1	14
34	Transtibial prosthesis suspension systems: Systematic review of literature. Clinical Biomechanics, 2014, 29, 87-97.	0.5	55
35	Evaluation of new suspension system for limb prosthetics. BioMedical Engineering OnLine, 2014, 13, 1.	1.3	96
36	Clinical implication of interface pressure for a new prosthetic suspension system. BioMedical Engineering OnLine, 2014, 13, 89.	1.3	6

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37	Prosthetics socket that incorporates an air splint system focusing on dynamic interface pressure. BioMedical Engineering OnLine, 2014, 13, 108.	1.3	12
38	Development and performance of a new prosthesis system using ultrasonic sensor for wrist movements: a preliminary study. BioMedical Engineering OnLine, 2014, 13, 49.	1.3	8
39	Interface pressure in transtibial socket during ascent and descent on stairs and its effect on patient satisfaction. Clinical Biomechanics, 2013, 28, 994-999.	0.5	44
40	100 top-cited scientific papers in limb prosthetics. BioMedical Engineering OnLine, 2013, 12, 119.	1.3	41
41	An experimental study of the interface pressure profile during level walking of a new suspension system for lower limb amputees. Clinical Biomechanics, 2013, 28, 55-60.	0.5	28
42	Satisfaction and Problems Experienced With Transfemoral Suspension Systems: A Comparison Between Common Suction Socket and Seal-In Liner. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1584-1589.	0.5	32
43	Effect of Milwaukee brace on static and dynamic balance of female hyperkyphotic adolescents. Prosthetics and Orthotics International, 2013, 37, 76-84.	0.5	5
44	Development and Evaluation of New Coupling System for Lower Limb Prostheses with Acoustic Alarm System. Scientific Reports, 2013, 3, 2270.	1.6	10
45	Effective Strategies for Increasing Citation Frequency. International Education Studies, 2013, 6, .	0.3	51
46	Pistoning assessment in lower limb prosthetic sockets. Prosthetics and Orthotics International, 2012, 36, 15-24.	0.5	64
47	Transtibial prosthetic suspension: Less pistoning versus easy donning and doffing. Journal of Rehabilitation Research and Development, 2012, 49, 1321.	1.6	36
48	Clinical Evaluation of Two Prosthetic Suspension Systems in a Bilateral Transtibial Amputee. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 894-898.	0.7	21
49	Clinical investigation of the interface pressure in the trans-tibial socket with Dermo and Seal-In X5 liner during walking and their effect on patient satisfaction. Clinical Biomechanics, 2012, 27, 943-948.	0.5	41
50	Effect of Vacuum-Assisted Socket and Pin Suspensions on Socket Fit. Archives of Physical Medicine and Rehabilitation, 2012, 93, 921.	0.5	2
51	Transtibial prosthetic socket pistoning: Static evaluation of Seal-InÂ® X5 and DermoÂ® Liner using motion analysis system. Clinical Biomechanics, 2012, 27, 34-39.	0.5	47
52	Qualitative Study of Prosthetic Suspension Systems on Transtibial Amputees' Satisfaction and Perceived Problems With Their Prosthetic Devices. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1919-1923.	0.5	50
53	Comments on â€œAssessment of amputee socketâ€“stumpâ€“residual bone kinematics during strenuous activities using Dynamic Roentgen Stereogrammetric Analysisâ€•(Volume 43, Issue 5, 2010). Journal of Biomechanics, 2011, 44, 2851-2852.	0.9	2
54	A new approach for the pistoning measurement in transtibial prosthesis. Prosthetics and Orthotics International, 2011, 35, 360-364.	0.5	27

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55	A New Method for Measuring Pistoning in Lower Limb Prosthetic. IFMBE Proceedings, 2011, , 728-731.	0.2	1
56	Prosthetics and Orthotics Services in the Rehabilitation Clinics of University Malaya Medical Centre. IFMBE Proceedings, 2011, , 762-764.	0.2	0
57	SATISFACTION AND EXPERIENCE WITH THE UNITY SUSPENSION SYSTEM. Canadian Prosthetics & Orthotics Journal, 0, , .	0.2	0