

Hossein Gholizadeh

List of Publications by Year in Descending Order

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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.

51
papers

731
citations

18
h-index

25
g-index

58
ext. papers

896
ext. citations

2.3
avg, IF

3.89
L-index

#	Paper	IF	Citations
51	Compression and tension behavior of the prosthetic foam materials polyurethane, EVA, Pelite [®] and a combination of polyurethane and EVA: a preliminary study. <i>Biomedizinische Technik</i> , 2021 , 66, 317-322	1.3	1
50	A review of history of CAD/CAM system application in the production of transtibial prosthetic socket in developing countries (from 1980 to 2019). <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021 , 235, 1359-1374	1.7	0
49	Video Game-Based Rehabilitation Approach for Individuals Who Have Undergone Upper Limb Amputation: Case-Control Study. <i>JMIR Serious Games</i> , 2021 , 9, e17017	3.4	2
48	Hip disarticulation and hemipelvectomy prostheses: A review of the literature. <i>Prosthetics and Orthotics International</i> , 2021 , 45, 434-439	1.5	1
47	The effect of various arm and walking conditions on postural dynamic stability when recovering from a trip perturbation. <i>Gait and Posture</i> , 2020 , 76, 284-289	2.6	2
46	Transtibial amputee gait with the unity suspension system. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020 , 15, 350-356	1.8	1
45	Effect of arm motion on postural stability when recovering from a slip perturbation. <i>Journal of Biomechanics</i> , 2019 , 95, 109269	2.9	9
44	Transtibial amputee gait during slope walking with the unity suspension system. <i>Gait and Posture</i> , 2018 , 65, 205-212	2.6	3
43	Effects of the unity vacuum suspension system on transtibial gait for simulated non-level surfaces. <i>PLoS ONE</i> , 2018 , 13, e0199181	3.7	3
42	Improvement on upper limb body-powered prostheses (1921-2016): A systematic review. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018 , 232, 3-11	1.7	7
41	An anthropomorphic transhumeral prosthesis socket developed based on an oscillometric pump and controlled by force-sensitive resistor pressure signals. <i>Biomedizinische Technik</i> , 2017 , 62, 49-55	1.3	1
40	Analysis of voluntary opening Ottobock Hook and Hosmer Hook for upper limb prosthetics: a preliminary study. <i>Biomedizinische Technik</i> , 2017 , 62, 447-454	1.3	1
39	Prosthesis donning and doffing questionnaire: Development and validation. <i>Prosthetics and Orthotics International</i> , 2017 , 41, 571-578	1.5	3
38	Clinical evaluation of a prosthetic suspension system: Looped silicone liner. <i>Prosthetics and Orthotics International</i> , 2017 , 41, 476-483	1.5	4
37	Effect of stump flexion contracture with and without prosthetic alignment intervention towards postural stability among transtibial prosthesis users. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 210, 012002	0.4	1
36	A comparison of pressure distributions between two types of sockets in a bulbous stump. <i>Prosthetics and Orthotics International</i> , 2016 , 40, 509-16	1.5	8
35	The evidence-base for elevated vacuum in lower limb prosthetics: Literature review and professional feedback. <i>Clinical Biomechanics</i> , 2016 , 37, 108-116	2.2	25

34	Evaluation of postural steadiness in below-knee amputees when wearing different prosthetic feet during various sensory conditions using the Biodex [®] Stability System. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015 , 229, 491-8	1.7	4
33	The influence of foot orthoses on foot mobility magnitude and arch height index in adults with flexible flat feet. <i>Prosthetics and Orthotics International</i> , 2015 , 39, 190-6	1.5	6
32	Re: Re: "Quantitative and Qualitative Comparison of a New Prosthetic Suspension System with Two Existing Suspension Systems for Lower Limb Amputees". <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015 , 94, e60	2.6	
31	Comparison study of the prosthetics interface pressure profile of air splint socket and ICRC polypropylene socket for upper limb prosthetics. <i>Biocybernetics and Biomedical Engineering</i> , 2015 , 35, 100-105	5.7	6
30	Evaluation of new suspension system for limb prosthetics. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 1	4.1	73
29	Clinical implication of interface pressure for a new prosthetic suspension system. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 89	4.1	3
28	Prosthetics socket that incorporates an air splint system focusing on dynamic interface pressure. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 108	4.1	10
27	Development and performance of a new prosthesis system using ultrasonic sensor for wrist movements: a preliminary study. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 49	4.1	5
26	Gait biomechanics of individuals with transtibial amputation: effect of suspension system. <i>PLoS ONE</i> , 2014 , 9, e96988	3.7	21
25	Postural stability characteristics of transtibial amputees wearing different prosthetic foot types when standing on various support surfaces. <i>Scientific World Journal, The</i> , 2014 , 2014, 856279	2.2	11
24	Comparative study between Dermo, Pelite, and Seal-In X5 liners: effect on patient's satisfaction and perceived problems. <i>Scientific World Journal, The</i> , 2014 , 2014, 769810	2.2	6
23	Review of the socket design and interface pressure measurement for transtibial prosthesis. <i>Scientific World Journal, The</i> , 2014 , 2014, 849073	2.2	30
22	Biomechanics principle of elbow joint for transhumeral prostheses: comparison of normal hand, body-powered, myoelectric & air splint prostheses. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 134	4.1	5
21	Development of an air pneumatic suspension system for transtibial prostheses. <i>Sensors</i> , 2014 , 14, 16754-65	3.65	22
20	Satisfaction and problems experienced with wrist movements: comparison between a common body-powered prosthesis and a new biomechatronics prosthesis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 437-44	2.6	4
19	Transfemoral prosthesis suspension systems: a systematic review of the literature. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 809-23	2.6	27
18	The effects of suction and pin/lock suspension systems on transtibial amputees' gait performance. <i>PLoS ONE</i> , 2014 , 9, e94520	3.7	11
17	Transtibial prosthesis suspension systems: systematic review of literature. <i>Clinical Biomechanics</i> , 2014 , 29, 87-97	2.2	42

16	Interface pressure in transtibial socket during ascent and descent on stairs and its effect on patient satisfaction. <i>Clinical Biomechanics</i> , 2013 , 28, 994-9	2.2	28
15	100 top-cited scientific papers in limb prosthetics. <i>BioMedical Engineering OnLine</i> , 2013 , 12, 119	4.1	28
14	An experimental study of the interface pressure profile during level walking of a new suspension system for lower limb amputees. <i>Clinical Biomechanics</i> , 2013 , 28, 55-60	2.2	24
13	Satisfaction and problems experienced with transfemoral suspension systems: a comparison between common suction socket and seal-in liner. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 1584-9	2.8	22
12	Effect of Milwaukee brace on static and dynamic balance of female hyperkyphotic adolescents. <i>Prosthetics and Orthotics International</i> , 2013 , 37, 76-84	1.5	4
11	Development and evaluation of new coupling system for lower limb prostheses with acoustic alarm system. <i>Scientific Reports</i> , 2013 , 3, 2270	4.9	8
10	Effective Strategies for Increasing Citation Frequency. <i>International Education Studies</i> , 2013 , 6,	1.3	26
9	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. <i>Clinical Biomechanics</i> , 2012 , 27, 943-8	2.2	36
8	Effect of vacuum-assisted socket and pin suspensions on socket fit. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 921	2.8	2
7	Transtibial prosthetic socket pistoning: static evaluation of Seal-In(□) X5 and Dermo(□) Liner using motion analysis system. <i>Clinical Biomechanics</i> , 2012 , 27, 34-9	2.2	38
6	Qualitative study of prosthetic suspension systems on transtibial amputeesTsatisfaction and perceived problems with their prosthetic devices. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 1919-23	2.8	41
5	Pistoning assessment in lower limb prosthetic sockets. <i>Prosthetics and Orthotics International</i> , 2012 , 36, 15-24	1.5	50
4	Transtibial prosthetic suspension: less pistoning versus easy donning and doffing. <i>Journal of Rehabilitation Research and Development</i> , 2012 , 49, 1321-30		28
3	Clinical evaluation of two prosthetic suspension systems in a bilateral transtibial amputee. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012 , 91, 894-8	2.6	17
2	Comments on "Assessment of amputee socket-stump-residual bone kinematics during strenuous activities using Dynamic Roentgen Stereogrammetric Analysis" (Volume 43, Issue 5, 2010). <i>Journal of Biomechanics</i> , 2011 , 44, 2851-2	2.9	2
1	A new approach for the pistoning measurement in transtibial prosthesis. <i>Prosthetics and Orthotics International</i> , 2011 , 35, 360-4	1.5	19