

Hossein Gholizadeh

List of Publications by Year in descending order

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57
papers

1,060
citations

393982

19
h-index

433756

31
g-index

58
all docs

58
docs citations

58
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of new suspension system for limb prosthetics. BioMedical Engineering OnLine, 2014, 13, 1.	1.3	96
2	Pistoning assessment in lower limb prosthetic sockets. Prosthetics and Orthotics International, 2012, 36, 15-24.	0.5	64
3	Transtibial prosthesis suspension systems: Systematic review of literature. Clinical Biomechanics, 2014, 29, 87-97.	0.5	55
4	Effective Strategies for Increasing Citation Frequency. International Education Studies, 2013, 6, .	0.3	51
5	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
6	Review of the Socket Design and Interface Pressure Measurement for Transtibial Prosthesis. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	50
7	Transtibial prosthetic socket pistoning: Static evaluation of Seal-In® X5 and Dermo® Liner using motion analysis system. Clinical Biomechanics, 2012, 27, 34-39.	0.5	47
8	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
9	Transfemoral Prosthesis Suspension Systems. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 809-823.	0.7	42
10	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
11	100 top-cited scientific papers in limb prosthetics. BioMedical Engineering OnLine, 2013, 12, 119.	1.3	41
12	The evidence-base for elevated vacuum in lower limb prosthetics: Literature review and professional feedback. Clinical Biomechanics, 2016, 37, 108-116.	0.5	39
13	Transtibial prosthetic suspension: Less pistoning versus easy donning and doffing. Journal of Rehabilitation Research and Development, 2012, 49, 1321.	1.6	36
14	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
15	Gait Biomechanics of Individuals with Transtibial Amputation: Effect of Suspension System. PLoS ONE, 2014, 9, e96988.	1.1	31
16	Development of an Air Pneumatic Suspension System for Transtibial Prostheses. Sensors, 2014, 14, 16754-16765.	2.1	30
17	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
18	A new approach for the pistoning measurement in transtibial prosthesis. Prosthetics and Orthotics International, 2011, 35, 360-364.	0.5	27

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Video Game-Based Rehabilitation Approach for Individuals Who Have Undergone Upper Limb Amputation: Case-Control Study. JMIR Serious Games, 2021, 9, e17017.	1.7	16
22	The Effects of Suction and Pin/Lock Suspension Systems on Transtibial Amputees'™ Gait Performance. PLoS ONE, 2014, 9, e94520.	1.1	14
23	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
24	Effect of arm motion on postural stability when recovering from a slip perturbation. Journal of Biomechanics, 2019, 95, 109269.	0.9	14
25	Prosthetics socket that incorporates an air splint system focusing on dynamic interface pressure. BioMedical Engineering OnLine, 2014, 13, 108.	1.3	12
26	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
27	Development and Evaluation of New Coupling System for Lower Limb Prostheses with Acoustic Alarm System. Scientific Reports, 2013, 3, 2270.	1.6	10
28	Improvement on upper limb body-powered prostheses (1921-2016): A systematic review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 3-11.	1.0	10
29	Comparative Study between Dermo, Pelite, and Seal-In X5 Liners: Effect on Patient's™ Satisfaction and Perceived Problems. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	8
30	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
31	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
32	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
33	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
34	Satisfaction and Problems Experienced with Wrist Movements. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 437-444.	0.7	6
35	Clinical implication of interface pressure for a new prosthetic suspension system. BioMedical Engineering OnLine, 2014, 13, 89.	1.3	6
36	Evaluation of postural steadiness in below-knee amputees when wearing different prosthetic feet during various sensory conditions using the Biodex® Stability System. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 491-498.	1.0	6

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37	Clinical evaluation of a prosthetic suspension system. <i>Prosthetics and Orthotics International</i> , 2017, 41, 476-483.	0.5	6
38	Transtibial amputee gait during slope walking with the unity suspension system. <i>Gait and Posture</i> , 2018, 65, 205-212.	0.6	6
39	Effects of the unity vacuum suspension system on transtibial gait for simulated non-level surfaces. <i>PLoS ONE</i> , 2018, 13, e0199181.	1.1	6
40	Transtibial amputee gait with the unity suspension system. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020, 15, 350-356.	1.3	6
41	Effect of Milwaukee brace on static and dynamic balance of female hyperkyphotic adolescents. <i>Prosthetics and Orthotics International</i> , 2013, 37, 76-84.	0.5	5
42	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.	0.6	5
43	Prosthesis donning and doffing questionnaire. <i>Prosthetics and Orthotics International</i> , 2017, 41, 571-578.	0.5	4
44	Hip disarticulation and hemipelvectomy prostheses: A review of the literature. <i>Prosthetics and Orthotics International</i> , 2021, 45, 434-439.	0.5	4
45	Compression and tension behavior of the prosthetic foam materials polyurethane, EVA, Peliteâ„¢ and a combination of polyurethane and EVA: a preliminary study. <i>Biomedizinische Technik</i> , 2021, 66, 317-322.	0.9	4
46	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, 2851-2852.	0.9	2
47	Effect of Vacuum-Assisted Socket and Pin Suspensions on Socket Fit. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 921.	0.5	2
48	Analysis of voluntary opening Ottobock Hook and Hosmer Hook for upper limb prosthetics: a preliminary study. <i>Biomedizinische Technik</i> , 2017, 62, 447-454.	0.9	2
49	On the use of virtual reality for individuals with upper limb loss: a systematic scoping review. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2022, 58, .	1.1	2
50	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.	0.9	1
51	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.	0.3	1
52	A New Method for Measuring Pistoning in Lower Limb Prosthetic. <i>IFMBE Proceedings</i> , 2011, , 728-731.	0.2	1
53	Mechanical Evaluation of Unity Elevated Vacuum Suspension System. <i>Canadian Prosthetics & Orthotics Journal</i> , 2020, 2, .	0.2	1
54	Re. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e60.	0.7	0

#	ARTICLE	IF	CITATIONS
55	EFFECTS OF UNITY PROSTHETIC ELEVATED VACUUM SUSPENSION SYSTEM ON MINIMUM SWING TOE CLEARANCE. Canadian Prosthetics & Orthotics Journal, 2021, 5, .	0.2	0
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