Daniel Walter Werner Heitzmann

List of Publications by Year
in descending order

41 papers	700 citations	567281 15 h-index	552781 26 g-index
45 all docs	45 docs citations	45 times ranked	688 citing authors

#	Article	IF	Citations
1	Focusing on functional knee parameter determination to develop a better clinical gait analysis protocol. Gait and Posture, 2021, 84, 127-136.	1.4	5
2	Sound side trunk muscles contribute to trunk control during prosthetic gait in persons with unilateral transfemoral amputation. Gait and Posture, 2021, 90, 230-231.	1.4	0
3	The influence of hip muscle strength on gait in individuals with a unilateral transfemoral amputation. PLoS ONE, 2020, 15, e0238093.	2.5	24
4	Biomechanical analysis of stair ascent in persons with Chopart amputation. Prosthetics and Orthotics International, 2020, 44, 164-171.	1.0	0
5	Title is missing!. , 2020, 15, e0238093.		0
6	Title is missing!. , 2020, 15, e0238093.		0
7	Title is missing!. , 2020, 15, e0238093.		0
8	Title is missing!. , 2020, 15, e0238093.		0
9	Title is missing!. , 2020, 15, e0238093.		0
10	Title is missing!. , 2020, 15, e0238093.		0
11	Title is missing!. , 2020, 15, e0238093.		0
12	Title is missing!. , 2020, 15, e0238093.		0
13	Prosthetic restoration of the forefoot lever after Chopart amputation and its consequences onto the limb during gait. Gait and Posture, 2019, 73, 1-7.	1.4	4
14	The added value of orthotic management in the context of multi-level surgery in children with cerebral palsy. Gait and Posture, 2019, 68, 525-530.	1.4	14
15	O 012â€"A biomechanical approach to estimate the moment distributed to the shank by partial foot prosthesis with a ventral leg shell. Gait and Posture, 2018, 65, 21-22.	1.4	1
16	Benefits of an increased prosthetic ankle range of motion for individuals with a trans-tibial amputation walking with a new prosthetic foot. Gait and Posture, 2018, 64, 174-180.	1.4	33
17	Distal femoral extension and shortening osteotomy as a part of multilevel surgery in children with cerebral palsy. World Journal of Pediatrics, 2017, 13, 353-359.	1.8	22
18	Knee-ankle-foot orthosis with powered knee for support in the elderly. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 715-727.	1.8	13

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19	Sound side joint contact forces in below knee amputee gait with an ESAR prosthetic foot. Gait and Posture, 2017, 58, 246-251.	1.4	5
20	The influence of timing of knee recurvatum on surgical outcome in cerebral palsy. Research in Developmental Disabilities, 2016, 48, 186-192.	2.2	7
21	Functional effects of a prosthetic torsion adapter in trans-tibial amputees during unplanned spin and step turns. Prosthetics and Orthotics International, 2016, 40, 558-565.	1.0	6
22	Body-Sensor-Network-Based Spasticity Detection. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 748-755.	6.3	27
23	Cavovarus deformity in Charcotâ€Marieâ€Tooth disease: is there a hindfoot equinus deformity that needs treatment?. Journal of Foot and Ankle Research, 2015, 8, 65.	1.9	4
24	Force-controlled dynamic wear testing of total ankle replacements. Acta Biomaterialia, 2015, 12, 332-340.	8.3	6
25	Tibialis Posterior Tendon Transfer Corrects the Foot Drop Component of Cavovarus Foot Deformity in Charcot-Marie-Tooth Disease. Journal of Bone and Joint Surgery - Series A, 2014, 96, 456-462.	3.0	55
26	The association of equinus and primary genu recurvatum gait in cerebral palsy. Research in Developmental Disabilities, 2014, 35, 1357-1363.	2.2	18
27	Does Proximal Rectus Femoris Release Influence Kinematics In Patients With Cerebral Palsy and Stiff Knee Gait?. Clinical Orthopaedics and Related Research, 2013, 471, 3293-3300.	1.5	9
28	The Influence of Botulinum Toxin A Injections into the Calf Muscles on Genu Recurvatum in Children With Cerebral Palsy. Clinical Orthopaedics and Related Research, 2013, 471, 2327-2332.	1.5	19
29	Gait patterns in twins with cerebral palsy: Similarities and development over time after multilevel surgery. Research in Developmental Disabilities, 2013, 34, 1595-1601.	2.2	6
30	Motion capture of the upper extremity during activities of daily living in patients with spastic hemiplegic cerebral palsy. Gait and Posture, 2013, 38, 148-152.	1.4	27
31	The effects of muscle-tendon surgery on dynamic electromyographic patterns and muscle tone in children with cerebral palsy. Gait and Posture, 2013, 38, 215-220.	1.4	21
32	Reduction in primary genu recurvatum gait after aponeurotic calf muscle lengthening during multilevel surgery. Research in Developmental Disabilities, 2013, 34, 3773-3780.	2.2	13
33	The influence of hip abductor weakness on frontal plane motion of the trunk and pelvis in patients with cerebral palsy. Research in Developmental Disabilities, 2013, 34, 1198-1203.	2.2	58
34	Integrating strength tests of amputees within the protocol of conventional clinical gait analysis: a novel approach. Biomedizinische Technik, 2013, 58, 195-204.	0.8	3
35	Hard-on-Hard Lubrication in the Artificial Hip under Dynamic Loading Conditions. PLoS ONE, 2013, 8, e71622.	2.5	24
36	Long-Term Results After Gastrocnemius-Soleus Intramuscular Aponeurotic Recession as a Part of Multilevel Surgery in Spastic Diplegic Cerebral Palsy. Journal of Bone and Joint Surgery - Series A, 2012, 94, 627-637.	3.0	106

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37	Long-Term Results After Distal Rectus Femoris Transfer as a Part of Multilevel Surgery for the Correction of Stiff-Knee Gait in Spastic Diplegic Cerebral Palsy. Journal of Bone and Joint Surgery - Series A, 2012, 94, e142.	3.0	43
38	Power support by an active knee orthosis during sit to stand. Biomedizinische Technik, 2012, 57, .	0.8	0
39	Distal rectus femoris transfer as part of multilevel surgery in children with spastic diplegia â€“ A randomized clinical trial. Gait and Posture, 2012, 36, 212-218.	1.4	35
40	Long-term outcome of femoral derotation osteotomy in children with spastic diplegia. Gait and Posture, 2012, 36, 467-470.	1.4	81
41	Strength deficits in trans-tibial amputees. Gait and Posture, 2009, 30, S43.	1.4	2