Erik J Wolf

List of Publications by Year
in descending order

33	847	430442	500791
papers	citations	18	28
		h-index	g-index

34	34	34	747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-dimensional joint reaction forces and moments at the low back during over-ground walking in persons with unilateral lower-extremity amputation. Clinical Biomechanics, 2014, 29, 235-242.	0.5	93
2	Assessment of transfemoral amputees using C-Leg and Power Knee for ascending and descending inclines and steps. Journal of Rehabilitation Research and Development, 2012, 49, 831.	1.6	60
3	Comparison of the Power Knee and C-Leg during step-up and sit-to-stand tasks. Gait and Posture, 2013, 38, 397-402.	0.6	54
4	Persons with unilateral transfemoral amputation experience larger spinal loads during level-ground walking compared to able-bodied individuals. Clinical Biomechanics, 2016, 32, 157-163.	0.5	52
5	Reliability of 3D gait data across multiple laboratories. Gait and Posture, 2016, 49, 375-381.	0.6	48
6	Transfemoral Amputations: The Effect of Residual Limb Length and Orientation on Gait Analysis Outcome Measures. Journal of Bone and Joint Surgery - Series A, 2013, 95, 408-414.	1.4	40
7	Seat and footrest shocks and vibrations in manual wheelchairs with and without suspension. Archives of Physical Medicine and Rehabilitation, 2003, 84, 96-102.	0.5	35
8	Evaluation Of Selected Sidewalk Pavement Surfaces For Vibration Experienced By Users Of Manual AndPowered Wheelchairs. Journal of Spinal Cord Medicine, 2004, 27, 468-475.	0.7	31
9	Vibration exposure of individuals using wheelchairs over sidewalk surfaces. Disability and Rehabilitation, 2005, 27, 1443-1449.	0.9	30
10	Amputee locomotion: Lower extremity loading using running-specific prostheses. Gait and Posture, 2014, 39, 386-390.	0.6	30
11	Transfemoral Amputations: Is There an Effect of Residual Limb Length and Orientation on Energy Expenditure?. Clinical Orthopaedics and Related Research, 2014, 472, 3055-3061.	0.7	30
12	Amputee Locomotion: Determining the Inertial Properties ofÂRunning-Specific Prostheses. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1776-1783.	0.5	28
13	A systematic literature review of the use and effectiveness of the Computer Assisted Rehabilitation Environment for research and rehabilitation as it relates to the wounded warrior. Work, 2015, 50, 121-129.	0.6	26
14	Whole-body vibration during manual wheelchair propulsion with selected seat cushions and back supports. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2003, 11, 311-322.	2.7	25
15	Does a Microprocessor-controlled Prosthetic Knee Affect Stair Ascent Strategies in Persons With Transfemoral Amputation?. Clinical Orthopaedics and Related Research, 2014, 472, 3093-3101.	0.7	25
16	Longitudinal assessment of vibrations during manual and power wheelchair driving over select sidewalk surfaces. Journal of Rehabilitation Research and Development, 2007, 44, 573.	1.6	23
17	Persons with unilateral transfemoral amputation have altered lumbosacral kinetics during sitting and standing movements. Gait and Posture, 2015, 42, 204-209.	0.6	21
18	Mediolateral Joint Powers at the Low Back Among Persons With Unilateral Transfemoral Amputation. Archives of Physical Medicine and Rehabilitation, 2015, 96, 154-157.	0.5	20

#	Article	IF	Citations
19	Advanced technologies for intuitive control and sensation of prosthetics. Biomedical Engineering Letters, 2020, 10, 119-128.	2.1	19
20	The Center for Rehabilitation Sciences Research: Advancing the Rehabilitative Care for Service Members With Complex Trauma. Military Medicine, 2016, 181, 20-25.	0.4	18
21	Mechanical testing for three-dimensional motion analysis reliability. Gait and Posture, 2016, 50, 116-119.	0.6	18
22	Using the absorbed power method to evaluate effectiveness of vibration absorption of selected seat cushions during manual wheelchair propulsion. Medical Engineering and Physics, 2004, 26, 799-806.	0.8	15
23	Performance of conventional and X2Â® prosthetic knees during slope descent. Clinical Biomechanics, 2016, 33, 26-31.	0.5	15
24	Medial knee joint contact force in the intact limb during walking in recently ambulatory service members with unilateral limb loss: a cross-sectional study. PeerJ, 2017, 5, e2960.	0.9	15
25	Gait and Functional Outcomes for Young, Active Males With Traumatic Unilateral Transfemoral Limb Loss. Military Medicine, 2017, 182, e1913-e1923.	0.4	14
26	Analysis of Whole-Body Vibration During Manual Wheelchair Propulsion: A Comparison of Seat Cushions and Back Supports for Individuals Without a Disability. Assistive Technology, 2003, 15, 129-144.	1.2	12
27	Locomotor adaptability in persons with unilateral transtibial amputation. PLoS ONE, 2017, 12, e0181120.	1.1	12
28	Metabolic analysis of male servicemembers with transtibial amputations carrying military loads. Journal of Rehabilitation Research and Development, 2012, 49, 535.	1.6	11
29	A Comparison of Mental Workload in Individuals with Transtibial and Transfemoral Lower Limb Loss during Dual-Task Walking under Varying Demand. Journal of the International Neuropsychological Society, 2019, 25, 985-997.	1.2	11
30	Use of a Powered Versus a Passive Prosthetic System for a Person with Bilateral Amputations during Level-Ground Walking. Journal of Prosthetics and Orthotics, 2014, 26, 166-170.	0.2	6
31	Functional Outcomes of Service Members With Bilateral Transfemoral and Knee Disarticulation Amputations Resulting From Trauma. Military Medicine, 2016, 181, 55-60.	0.4	6
32	Modulation of Vertical Ground Reaction Impulse With Real-Time Biofeedback: A Feasibility Study. Journal of Applied Biomechanics, 2018, 34, 134-140.	0.3	3
33	Reliability of Digital Fluoroscopic Video for Assessing Axial and Mediolateral Movement of the Femur During Weight Bearing in Individuals with Transfemoral Amputations. Journal of Prosthetics and Orthotics, 2013, 25, 64-67.	0.2	1