

# Lauren Kark

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8598651/publications.pdf>

Version: 2024-02-01

19  
papers

316  
citations

933447

10  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient satisfaction following lower-limb amputation. <i>Prosthetics and Orthotics International</i> , 2011, 35, 225-233.	1.0	49
2	Differences Between Gait on Stairs and Flat Surfaces in Relation to Fall Risk and Future Falls. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1479-1486.	6.3	49
3	Use of gait summary measures with lower limb amputees. <i>Gait and Posture</i> , 2012, 35, 238-243.	1.4	44
4	Estimating Lower Limb Kinematics Using a Reduced Wearable Sensor Count. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1293-1304.	4.2	37
5	Mechanical characterization and comparison of energy storage and return prostheses. <i>Medical Engineering and Physics</i> , 2017, 41, 90-96.	1.7	18
6	The Hemodynamic Effects of Hemodialysis Needle Rotation and Orientation in an Idealized Computational Model. <i>Artificial Organs</i> , 2016, 40, 185-189.	1.9	17
7	Simultaneous Measurement of Normal and Shear Stress Using Fiber Bragg Grating Sensors in Prosthetic Applications. <i>IEEE Sensors Journal</i> , 2019, 19, 7383-7390.	4.7	17
8	Quantifying prosthetic gait deviation using simple outcome measures. <i>World Journal of Orthopedics</i> , 2016, 7, 383.	1.8	15
9	A prosthesis-specific multi-link segment model of lower-limb amputee sprinting. <i>Journal of Biomechanics</i> , 2016, 49, 3185-3193.	2.1	13
10	The use of the 6-min walk test as a proxy for the assessment of energy expenditure during gait in individuals with lower-limb amputation. <i>International Journal of Rehabilitation Research</i> , 2011, 34, 227-234.	1.3	12
11	An eight-legged tactile sensor to estimate coefficient of static friction. , 2015, 2015, 4407-10.		8
12	Reliability and Validity of Measurement Tools for Residual Limb Volume in People With Limb Amputations: A Systematic Review. <i>Physical Therapy</i> , 2019, 99, 612-626.	2.4	8
13	Clinical utility of pressure feedback to socket design and fabrication. <i>Prosthetics and Orthotics International</i> , 2020, 44, 18-26.	1.0	8
14	<i>In Vitro</i> Mechanical Testing of Braided Polyurethane Elastic Fiber and Braided Polyester for Equine Laryngoplasty. <i>Veterinary Surgery</i> , 2015, 44, 223-230.	1.0	7
15	Concurrent multibody and Finite Element analysis of the lower-limb during amputee running. , 2015, 2015, 2434-7.		5
16	Energy Storage and Return Prostheses: A Review of Mechanical Models. <i>Critical Reviews in Biomedical Engineering</i> , 2016, 44, 269-292.	0.9	5
17	Using the movement analysis profile with lower limb amputees. <i>Gait and Posture</i> , 2009, 30, S42-S43.	1.4	4
18	Development of a Kinematic Model of a Proto-Wing. <i>Applied Mechanics and Materials</i> , 2014, 553, 261-266.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Instrumented and interactive limb models for biomechanics education: An assessment of efficacy and engagement. , 2015, 2015, 3671-4.		0