

# Jianhua Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

644  
citations

623734

14  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lower Limb Joint Functions during Single-Leg Hopping in-Place in Children and Adults. <i>Journal of Motor Behavior</i> , 2022, 54, 577-587.	0.9	4
2	Coordination dynamics of hopping on a mini-trampoline in adults and children. <i>Gait and Posture</i> , 2021, 84, 175-181.	1.4	3
3	The effects of direction and speed on treadmill walking in typically developing children. <i>Gait and Posture</i> , 2021, 84, 169-174.	1.4	4
4	Acute effect of whole-body vibration on acceleration transmission and jumping performance in children. <i>Clinical Biomechanics</i> , 2021, 81, 105235.	1.2	4
5	Muscle activation pattern during two-legged hopping in children with and without Down syndrome. <i>Journal of Motor Behavior</i> , 2021, , 1-11.	0.9	0
6	Knee joint kinematics of the pendulum test in children with and without Down syndrome. <i>Gait and Posture</i> , 2020, 76, 311-317.	1.4	8
7	Spring-like leg dynamics and neuromuscular strategies for hopping on a mini-trampoline in adults and children. <i>Experimental Brain Research</i> , 2020, 238, 2087-2096.	1.5	1
8	Neuromuscular response to a single session of whole-body vibration in children with cerebral palsy: A pilot study. <i>Clinical Biomechanics</i> , 2020, 80, 105170.	1.2	1
9	Improvement in Overground Walking After Treadmill-Based Gait Training in a Child With Agenesis of the Corpus Callosum. <i>Physical Therapy</i> , 2019, 100, 157-167.	2.4	3
10	Neuromechanical control of leg length and orientation in children and adults during single-leg hopping. <i>Experimental Brain Research</i> , 2019, 237, 1745-1757.	1.5	6
11	Biomechanical analysis of the timed up-and-go (TUG) test in children with and without Down syndrome. <i>Gait and Posture</i> , 2019, 68, 409-414.	1.4	16
12	Variability of spatiotemporal gait parameters in children with and without Down syndrome during treadmill walking. <i>Gait and Posture</i> , 2019, 68, 207-212.	1.4	14
13	Transitioning from level surface to stairs in children with and without Down syndrome: Locomotor adjustments during stair ascent. <i>Gait and Posture</i> , 2018, 63, 46-51.	1.4	5
14	Transitioning from the level surface to stairs in children with and without Down syndrome: Motor strategy and anticipatory locomotor adjustments. <i>Gait and Posture</i> , 2018, 66, 260-266.	1.4	8
15	Vertical stiffness and balance control of two-legged hopping in-place in children with and without Down syndrome. <i>Gait and Posture</i> , 2018, 63, 39-45.	1.4	11
16	Comparison of whole-body vertical stiffness and leg stiffness during single-leg hopping in place in children and adults. <i>Journal of Biomechanics</i> , 2017, 56, 71-75.	2.1	10
17	Effect of whole-body vibration on center-of-mass movement during standing in children and young adults. <i>Gait and Posture</i> , 2017, 54, 148-153.	1.4	14
18	Toe spatiotemporal differences between transition steps when ascending shorter flight stairways of different heights. <i>Applied Ergonomics</i> , 2017, 59, 203-208.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Vertical stiffness and center-of-mass movement in children and adults during single-leg hopping. <i>Journal of Biomechanics</i> , 2016, 49, 3306-3312.	2.1	19
20	Children Display Adult-Like Kinetic Patterns in the Time Domain, But Not in the Frequency Domain, While Walking With Ankle Load. <i>Journal of Applied Biomechanics</i> , 2015, 31, 292-308.	0.8	2
21	Walking Dynamics in Preadolescents With and Without Down Syndrome. <i>Physical Therapy</i> , 2015, 95, 740-749.	2.4	20
22	Kinetic patterns of treadmill walking in preadolescents with and without Down syndrome. <i>Gait and Posture</i> , 2014, 39, 241-246.	1.4	23
23	Frequency domain analysis of ground reaction force in preadolescents with and without Down syndrome. <i>Research in Developmental Disabilities</i> , 2014, 35, 1244-1251.	2.2	14
24	Effect of Achilles tendon vibration on posture in children. <i>Gait and Posture</i> , 2014, 40, 32-37.	1.4	11
25	Bone mass and density in preadolescent boys with and without Down syndrome. <i>Osteoporosis International</i> , 2013, 24, 2847-2854.	3.1	25
26	Effects of Various Treadmill Interventions on the Development of Joint Kinematics in Infants With Down Syndrome. <i>Physical Therapy</i> , 2010, 90, 1265-1276.	2.4	38
27	Center of mass control and multi-segment coordination in children during quiet stance. <i>Experimental Brain Research</i> , 2009, 196, 329-339.	1.5	39
28	Strategy adoption and locomotor adjustment in obstacle clearance of newly walking toddlers with down syndrome after different treadmill interventions. <i>Experimental Brain Research</i> , 2008, 186, 261-272.	1.5	56
29	Long-term effect of different treadmill interventions on gait development in new walkers with Down syndrome. <i>Gait and Posture</i> , 2008, 27, 231-238.	1.4	59
30	Exploring effects of different treadmill interventions on walking onset and gait patterns in infants with Down syndrome. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 839-945.	2.1	78
31	Uncontrolled manifold analysis of segmental angle variability during walking: preadolescents with and without Down syndrome. <i>Experimental Brain Research</i> , 2007, 183, 511-521.	1.5	100
32	Changes in Step Variability of New Walkers With Typical Development and With Down Syndrome. <i>Journal of Motor Behavior</i> , 2006, 38, 367-372.	0.9	45