

# Grzegorz Sobota

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

409  
citations

1039406

9  
h-index

794141

19  
g-index

32  
all docs

32  
docs citations

32  
times ranked

680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional effects of robotic-assisted locomotor treadmill therapy in children with cerebral palsy. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 358-363.	0.8	95
2	Evaluation of the Limits of Stability (LOS) Balance Test. <i>Journal of Human Kinetics</i> , 2008, 19, 39-52.	0.7	73
3	Impact of Different Body Positions on Bioelectrical Activity of the Pelvic Floor Muscles in Nulliparous Continent Women. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	37
4	The effect of whole-body vibration frequency and amplitude on the myoelectric activity of vastus medialis and vastus lateralis. <i>Journal of Sports Science and Medicine</i> , 2011, 10, 169-74.	0.7	35
5	Static Postural Stability in Women during and after Pregnancy: A Prospective Longitudinal Study. <i>PLoS ONE</i> , 2015, 10, e0124207.	1.1	31
6	The reliability of a ramblingâ€“trembling analysis of center of pressure measures. <i>Gait and Posture</i> , 2013, 37, 210-213.	0.6	26
7	The Effect of a Short-Term and Long-Term Whole-Body Vibration in Healthy Men upon the Postural Stability. <i>PLoS ONE</i> , 2014, 9, e88295.	1.1	20
8	Comparison of Static Postural Stability in Exercising and Non-Exercising Women During the Perinatal Period. <i>Medical Science Monitor</i> , 2014, 20, 1865-1870.	0.5	11
9	The effect of the training with the different combinations of frequency and peak-to-peak vibration displacement of whole-body vibration on the strength of knee flexors and extensors. <i>Biology of Sport</i> , 2017, 2, 127-136.	1.7	10
10	Age-related changes in postural control in older women: transitional tasks in step initiation. <i>BMC Geriatrics</i> , 2021, 21, 17.	1.1	10
11	The scaling or ontogeny of human gait kinetics and walk-run transition: The implications of work vs. peak power minimization. <i>Journal of Biomechanics</i> , 2018, 81, 12-21.	0.9	9
12	Plantar pressure distribution and spatiotemporal gait parameters after the radial shock wave therapy in patients with chronic plantar fasciitis. <i>Journal of Biomechanics</i> , 2020, 105, 109773.	0.9	7
13	Intra-Personal and Inter-Personal Kinetic Synergies During Jumping. <i>Journal of Human Kinetics</i> , 2015, 49, 75-88.	0.7	6
14	The effect of short- and long-term vibration training on postural stability in men. <i>Acta of Bioengineering and Biomechanics</i> , 2013, 15, 29-35.	0.2	5
15	The Complex Analysis of Movement in the Evaluation of the Backward Somersault Performance. <i>Physical Activity Review</i> , 0, 4, 28-39.	0.6	4
16	Gait analysis in Patients after Unilateral Hip Arthroplasty. <i>Ortopedia Traumatologia Rehabilitacja</i> , 2015, 17, 39-50.	0.1	3
17	Influence of Passive Stiffness of Hamstrings on Postural Stability. <i>Journal of Human Kinetics</i> , 2015, 45, 49-57.	0.7	3
18	Number of Trials Necessary to Apply Analysis within the Framework of the Uncontrolled Manifold Hypothesis at Different Levels of Hierarchical Synergy Control. <i>Journal of Human Kinetics</i> , 2021, 76, 131-143.	0.7	3

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19	Movement Variability During the Flight Phase in a Single Back Sideflip (Wildcat) in Snowboarding. <i>Journal of Human Kinetics</i> , 2020, 72, 29-38.	0.7	3
20	A comparison of a stepâ€initiation task in women with and without urinary incontinence. A caseâ€control study. <i>Neurourology and Urodynamics</i> , 2018, 37, 2571-2577.	0.8	2
21	Postural sway during single-legged standing is dependent on the preceding and subsequent action and supports the stability and mobility trade-off hypothesis in classical dancers. <i>Sports Biomechanics</i> , 2019, 20, 1-14.	0.8	2
22	Reliability of pelvic floor muscle surface electromyography (sEMG) recordings during synchronous whole body vibration. <i>PLoS ONE</i> , 2021, 16, e0251265.	1.1	2
23	Focused and radial shockwave therapies in the treatment of symptomatic calcaneal spur. <i>Fizjoterapia Polska</i> , 2012, 12, 341-354.	0.0	2
24	Asymmetry of magnetic motor evoked potentials recorded in calf muscles of the dominant and non-dominant lower extremity. <i>Neuroscience Letters</i> , 2009, 459, 74-78.	1.0	1
25	A rehabilitation system for monitoring torso movements using an inertial sensor. , 2019, , .		1
26	Effects of Reduced Effort on Mechanical Output Obtained From Maximum Vertical Jumps. <i>Motor Control</i> , 2019, 23, 205-215.	0.3	0
27	Robotic-assisted locomotor training in a 7-year-old child with hemiplegia. Case study. <i>Fizjoterapia Polska</i> , 2012, 12, 159-168.	0.0	0
28	Keep an eye on the balance - the influence of experimental training on postural stability in ballet dancers. <i>Research in Dance Education</i> , 0, , 1-13.	0.6	0