

# Michal Lehnert

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

275  
citations

840776

11  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the Dumbbell-Carrying Position Change the Muscle Activity in Split Squats and Walking Lunges?. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3177-3187.	2.1	36
2	Isokinetic Strength Profile of Elite Female Handball Players. <i>Journal of Human Kinetics</i> , 2015, 49, 257-266.	1.5	27
3	Changes in Injury Risk Mechanisms After Soccer-Specific Fatigue in Male Youth Soccer Players. <i>Journal of Human Kinetics</i> , 2018, 62, 33-42.	1.5	25
4	The effects of a 6 week plyometric training programme on explosive strength and agility in professional basketball players. <i>Acta Gymnica</i> , 2013, 43, 7-15.	1.1	21
5	Effect of COL5A1, GDF5, and PPARA Genes on a Movement Screen and Neuromuscular Performance in Adolescent Team Sport Athletes. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2057-2065.	2.1	19
6	Changes in Muscle Strength in U19 Soccer Players During an Annual Training Cycle. <i>Journal of Human Kinetics</i> , 2014, 42, 175-185.	1.5	18
7	Does maturation influence neuromuscular performance and muscle damage after competitive match-play in youth male soccer players?. <i>European Journal of Sport Science</i> , 2019, 19, 1130-1139.	2.7	15
8	Muscle Imbalances: Testing and Training Functional Eccentric Hamstring Strength in Athletic Populations. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	12
9	Relationships between bone mineral density, body composition, and isokinetic strength in postmenopausal women. <i>Bone Reports</i> , 2020, 12, 100255.	0.4	12
10	Hip abductors and thigh muscles strength ratios and their relation to electromyography amplitude during split squat and walking lunge exercises. <i>Acta Gymnica</i> , 2015, 45, 51-59.	1.1	12
11	Isokinetic strength of knee flexors and extensors of adolescent soccer players and its changes based on movement speed and age. <i>Acta Gymnica</i> , 2011, 41, 45-53.	1.1	11
12	The Gluteus Medius Vs. Thigh Muscles Strength Ratio and Their Relation to Electromyography Amplitude During a Farmer's Walk Exercise. <i>Journal of Human Kinetics</i> , 2015, 45, 157-165.	1.5	10
13	Changes in Isokinetic Muscle Strength in Adolescent Soccer Players after 10 Weeks of Pre-Season Training. <i>The Open Sports Sciences Journal</i> , 2017, 10, 27-36.	0.4	8
14	Knee joint muscles neuromuscular activity during load-carrying walking. <i>Neuroendocrinology Letters</i> , 2014, 35, 633-9.	0.2	6
15	Effect of a Simulated Match on Lower Limb Neuromuscular Performance in Youth Footballers: A Two Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8579.	2.6	5
16	Reliability and validity of a basketball-specific fatigue protocol simulating match load. <i>Acta Gymnica</i> , 2017, 47, 92-98.	1.1	5
17	The Influence of Age and Maturation on Trajectories of Stretch-Shortening Cycle Capability in Male Youth Team Sports. <i>Pediatric Exercise Science</i> , 2021, 33, 16-22.	1.0	4
18	The correlation between isokinetic strength of knee extensors and vertical jump performance in adolescent soccer players in an annual training cycle. <i>Acta Gymnica</i> , 2013, 43, 7-15.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Muscle Strength Variations of Knee Joint Muscles in Elite Female Handball Players after Pre-Season Conditioning. <i>Journal of Human Kinetics</i> , 2018, 63, 105-115.	1.5	3
20	Strength asymmetry of the knee extensors and physical activity in middle-aged women. <i>Acta Gymnica</i> , 2014, 44, 141-147.	1.1	3
21	Vertical jump development in elite adolescent volleyball players: Effects of sex and age. <i>Acta Gymnica</i> , 2018, 48, 115-120.	1.1	3
22	Neuromuscular control of the knee joint during basketball season in male youth players. <i>Acta Gymnica</i> , 2019, 49, 125-131.	1.1	3
23	Gender and Age Related Differences in Leg Stiffness and Reactive Strength in Adolescent Team Sports Players. <i>Journal of Human Kinetics</i> , 2020, 74, 119-129.	1.5	3
24	Acute effects of different durations of static stretching on the eccentric strength and power of leg flexor muscles. <i>Isokinetics and Exercise Science</i> , 2018, 26, 43-52.	0.4	2
25	Assessment of the body response to specific fatigue exercise protocol SAFT90 in U16 soccer players. <i>Acta Gymnica</i> , 2019, 49, 157-163.	1.1	1
26	Changes of explosive strength in professional basketball players after a six week training cycle with plyometric training and resistance training. <i>TĀlesnĀĵ Kultura</i> , 2014, 37, 9-25.	0.2	0
27	Seasonal variation in isokinetic strength of knee flexors and extensors in soccer players. <i>TĀlesnĀĵ Kultura</i> , 2015, 38, 9-29.	0.2	0
28	Relation between knee extensors' strength, postural stability and variability of centre of pressure displacement during gait in adult women. <i>Acta Gymnica</i> , 2017, 47, 11-15.	1.1	0