

Krzysztof Mackala

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

469
citations

759233

12
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength Asymmetry Increases Gait Asymmetry and Variability in Older Women. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2172-2181.	0.4	120
2	Biomechanical Analysis of Squat Jump and Countermovement Jump From Varying Starting Positions. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2650-2661.	2.1	36
3	Are Change-of-Direction Speed and Reactive Agility Independent Skills Even When Using the Same Movement Pattern?. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1929-1936.	2.1	30
4	Differences Between the Elite and Subelite Sprinters in Kinematic and Dynamic Determinations of Countermovement Jump and Drop Jump. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 3021-3027.	2.1	29
5	Biomechanical Analysis of Standing Long Jump From Varying Starting Positions. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2674-2684.	2.1	26
6	Knee strength ratios in competitive female athletes. <i>PLoS ONE</i> , 2018, 13, e0191077.	2.5	23
7	Acute Effects of Plyometric Intervention on Performance Improvement and Related Changes in Sprinting Gait Variability. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1956-1965.	2.1	22
8	The Effect of Respiratory Muscle Training on the Pulmonary Function, Lung Ventilation, and Endurance Performance of Young Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 234.	2.6	22
9	Biomechanical, Neuro-muscular and Methodical Aspects of Running Speed Development. <i>Journal of Human Kinetics</i> , 2010, 26, 73-81.	1.5	16
10	Evaluation of the Pre-Planned and Non-Planned Agility Performance: Comparison between Individual and Team Sports. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 975.	2.6	16
11	Judo Injuries Frequency in Europe's Top-Level Competitions in the Period 2005-2020. <i>Journal of Clinical Medicine</i> , 2021, 10, 852.	2.4	16
12	Body Composition and Power Performance Improved After Weight Reduction in Male Athletes Without Hampering Hormonal Balance. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 29-36.	2.1	15
13	Comparative Biomechanical Analysis of the Hurdle Clearance Technique of Colin Jackson and Dayron Robles: Key Studies. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3302.	2.5	9
14	Analysis of reactive agility and change-of-direction speed between soccer players and physical education students. <i>Human Movement</i> , 2018, 19, 68-74.	0.9	8
15	Effects of volleyball plyometric intervention program on vertical jumping ability in male volleyball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 1611-1617.	0.7	8
16	Effects of Plyometrics Training on Muscle Stiffness Changes in Male Volleyball Players. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 910-921.	2.1	8
17	The Characteristics of Feet Center of Pressure Trajectory during Quiet Standing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2940.	2.5	7
18	Effects of Explosive Type Strength Training on Selected Physical and Technical Performance Characteristics in Middle Distance Running - a Case Report. <i>Polish Journal of Sport and Tourism</i> , 2015, 21, 228-233.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Acute Effects of a Speed Training Program on Sprinting Step Kinematics and Performance. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3138.	2.6	6
20	Jumping Flying Distance and Jump Performance of Elite Male Volleyball Players at FIVB Volleyball Men's World Championship. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2045.	2.5	6
21	Isokinetic and Isometric Assessment of the Knee Joint Extensors and Flexors of Professional Volleyball Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6780.	2.6	6
22	Influence of Inspiratory Muscle Training of Various Intensities on The Physical Performance of Long-Distance Runners. <i>Journal of Human Kinetics</i> , 2020, 75, 127-137.	1.5	5
23	Are Linear Speed and Jumping Ability Determinants of Change of Direction Movements in Young Male Soccer Players?. <i>Journal of Sports Science and Medicine</i> , 2019, 18, 109-117.	1.6	5
24	The Effect of Height on Drop Jumps in Relation to Somatic Parameters and Landing Kinetics. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5886.	2.6	4
25	The Relationship between Symmetrical and Asymmetrical Jumps and Their Influence on Speed Abilities: Gender Consideration. <i>Symmetry</i> , 2021, 13, 694.	2.2	4
26	Relationship between Isokinetic Knee Strength and Speed, Agility, and Explosive Power in Elite Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 671.	2.6	4
27	Diagnostics of tissue involved injury occurrence of top-level judokas during the competition: suggestion for prevention. <i>PeerJ</i> , 2022, 10, e13074.	2.0	4
28	Developing a Model of Risk Factors of Injury in Track and Field Athletes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2963.	2.5	3
29	The Effects of a Six-week Plyometric Training Program on the Stiffness of Anterior and Posterior Muscles of the Lower Leg in Male Volleyball Players. <i>Central European Journal of Sport Sciences and Medicine</i> , 2017, 20, 107-115.	0.1	2
30	Structural asymmetry of foot arch formation in early school-age children. <i>Biomedical Human Kinetics</i> , 2015, 7, .	0.6	1
31	Low ventilatory responsiveness to transient hypoxia or breath-holding predicts fast marathon performance in healthy middle-aged and older men. <i>Scientific Reports</i> , 2021, 11, 10255.	3.3	1
32	The Relationship between Selected Motor Ability Determinants and Anthropometric Characteristics in Adolescent Athletes from Various Sport. <i>Collegium Antropologicum</i> , 2015, 39 Suppl 1, 139-45.	0.2	1
33	EXTENDED ANALYSIS OF TYPES OF STRIDE PATTERN AND PACING STRATEGY IN 400 M HURDLE RUN. <i>Acta Kinesiologica</i> , 2021, , .	0.2	0
34	Application of Wind Tunnel Device for Evaluation of Biokinetic Parameters of Running. <i>Symmetry</i> , 2021, 13, 505.	2.2	0
35	Temporal and Spatial Characteristics of Pacing Strategy in Elite Women's 400 Meters Hurdles Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3432.	2.6	0