Serdar Aritan

List of Publications by Year
in descending order

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Version: 2024-02-01

23 papers	295 citations	1040056 9 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	351 citing authors

#	Article	IF	Citations
1	Kinematic and EMG activities during front and back squat variations in maximum loads. Journal of Sports Sciences, 2015, 33, 1058-1066.	2.0	68
2	Effect of hold depth and grip technique on maximal finger forces in rock climbing. Journal of Sports Sciences, 2012, 30, 669-677.	2.0	53
3	The bubble size distribution and its evolution in non-yeasted wheat flour doughs investigated by synchrotron X-ray microtomography. Food Research International, 2016, 80, 12-18.	6.2	30
4	Program for generation of three-dimensional finite element mesh from magnetic resonance imaging scans of human limbs. Medical Engineering and Physics, 1997, 19, 681-689.	1.7	24
5	X-Ray microtomography imaging of red lentil puffed snacks: Processing conditions, microstructure and texture. Food Research International, 2021, 140, 109996.	6.2	22
6	A mechanical model representation of the in vivo creep behaviour of muscular bulk tissue. Journal of Biomechanics, 2008, 41, 2760-2765.	2.1	20
7	The effect of chalk on the fingerâ€“hold friction coefficient in rock climbing. Sports Biomechanics, 2012, 11, 473-479.	1.6	14
8	Accuracy evaluation of an on-line kinematic system via dynamic tests. Journal of Medical Engineering and Technology, 1997, 21, 53-66.	1.4	13
9	The use of synchrotron X-rays and ultrasonics for investigating the bubble size distribution and its evolution in bread dough. Journal of Cereal Science, 2017, 78, 10-18.	3.7	9
10	The effects of sodium reduction on the gas phase of bread doughs using synchrotron X-ray microtomography. Food Research International, 2020, 130, 108919.	6.2	8
11	Fusionless Instrumentation in Growing Spine and Adjacent Segment Problems. Spine, 2013, 38, 2156-2164.	2.0	7
12	The in vivo mechanical properties of muscular bulk tissue. , 2009, 2009, 5259-62.		5
13	Efficiency of non-linear lens distortion models in biomechanical analysis of human movement. Measurement: Journal of the International Measurement Confederation, 2010, 43, 739-746.	5.0	5
14	Effects of vibration on maximal isometric muscle contraction at different joint angles. Isokinetics and Exercise Science, 2006, 14, 213-220.	0.4	4
15	Development of Immediate Feedback Software for Optimising Glide Performance and Time of Initiating Post-Glide Actions (P56). , 0, , 291-300.		3
16	Semitendinosus snapping: analysis of movement, electromyographic activities, muscle strength and endurance, motor control and joint position sense. Muscles, Ligaments and Tendons Journal, 2013, 3, 166-72.	0.3	3
17	Peak counting in surface electromyography signals for quantification of muscle fatigue during dynamic contractions. Medical Engineering and Physics, 2022, 107, 103844.	1.7	3
18	Effects of beta-blockers on archery performance, body sway and aiming behaviour. BMJ Open Sport and Exercise Medicine, 2021, 7, e001071.	2.9	2

#	Article	IF	Citations
19	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2012, , 19-26.		1
20	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2015, , 3085-3096.		1
21	A Mechanical Model Representation of the In Vivo Behaviour of Bulk Tissue. , 2004, , 597.		0
22	In Vivo Mechanical Properties of Muscular Bulk Tissue: Mechanical Model Representation of Stress-Relaxation Behavior. , 2008, , .		0
23	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2014, , 1-13.		0