

# 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	Peak counting in surface electromyography signals for quantification of muscle fatigue during dynamic contractions. <i>Medical Engineering and Physics</i> , 2022, 107, 103844.	1.7	3
2	X-Ray microtomography imaging of red lentil puffed snacks: Processing conditions, microstructure and texture. <i>Food Research International</i> , 2021, 140, 109996.	6.2	22
3	Effects of beta-blockers on archery performance, body sway and aiming behaviour. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001071.	2.9	2
4	The effects of sodium reduction on the gas phase of bread doughs using synchrotron X-ray microtomography. <i>Food Research International</i> , 2020, 130, 108919.	6.2	8
5	The use of synchrotron X-rays and ultrasonics for investigating the bubble size distribution and its evolution in bread dough. <i>Journal of Cereal Science</i> , 2017, 78, 10-18.	3.7	9
6	The bubble size distribution and its evolution in non-yeasted wheat flour doughs investigated by synchrotron X-ray microtomography. <i>Food Research International</i> , 2016, 80, 12-18.	6.2	30
7	Kinematic and EMG activities during front and back squat variations in maximum loads. <i>Journal of Sports Sciences</i> , 2015, 33, 1058-1066.	2.0	68
8	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2015, , 3085-3096.		1
9	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2014, , 1-13.		0
10	Fusionless Instrumentation in Growing Spine and Adjacent Segment Problems. <i>Spine</i> , 2013, 38, 2156-2164.	2.0	7
11	Semitendinosus snapping: analysis of movement, electromyographic activities, muscle strength and endurance, motor control and joint position sense. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 166-72.	0.3	3
12	Effect of hold depth and grip technique on maximal finger forces in rock climbing. <i>Journal of Sports Sciences</i> , 2012, 30, 669-677.	2.0	53
13	The effect of chalk on the finger's hold friction coefficient in rock climbing. <i>Sports Biomechanics</i> , 2012, 11, 473-479.	1.6	14
14	Biomechanical Measurement Methods to Analyze the Mechanisms of Sport Injuries. , 2012, , 19-26.		1
15	Efficiency of non-linear lens distortion models in biomechanical analysis of human movement. Measurement: <i>Journal of the International Measurement Confederation</i> , 2010, 43, 739-746.	5.0	5
16	The in vivo mechanical properties of muscular bulk tissue. , 2009, 2009, 5259-62.		5
17	A mechanical model representation of the in vivo creep behaviour of muscular bulk tissue. <i>Journal of Biomechanics</i> , 2008, 41, 2760-2765.	2.1	20
18	In Vivo Mechanical Properties of Muscular Bulk Tissue: Mechanical Model Representation of Stress-Relaxation Behavior. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
19	Effects of vibration on maximal isometric muscle contraction at different joint angles. <i>Isokinetics and Exercise Science</i> , 2006, 14, 213-220.	0.4	4
20	A Mechanical Model Representation of the In Vivo Behaviour of Bulk Tissue. , 2004, , 597.		0
21	Accuracy evaluation of an on-line kinematic system via dynamic tests. <i>Journal of Medical Engineering and Technology</i> , 1997, 21, 53-66.	1.4	13
22	Program for generation of three-dimensional finite element mesh from magnetic resonance imaging scans of human limbs. <i>Medical Engineering and Physics</i> , 1997, 19, 681-689.	1.7	24
23	Development of Immediate Feedback Software for Optimising Glide Performance and Time of Initiating Post-Glide Actions (P56). , 0, , 291-300.		3