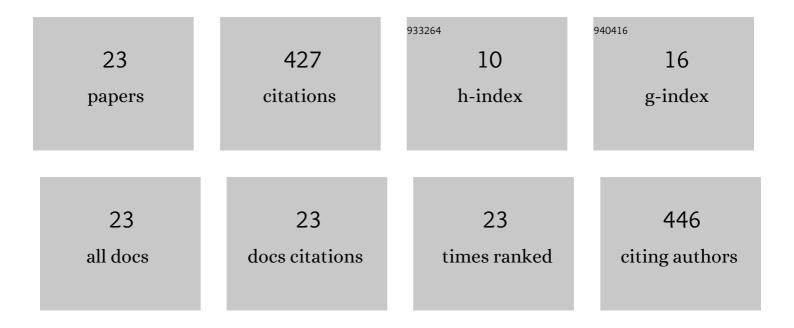
## Utku ÅŽ avuz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5730865/publications.pdf Version: 2024-02-01



Πτκιι Δ΄ Υλλητ

#	Article	IF	CITATIONS
1	Spindle Model Responsive to Mixed Fusimotor Inputs: an updated version of the Maltenfort and Burke (2003) model. Physiome, 2022, , .	0.3	1
2	Spindle Model Responsive to Mixed Fusimotor Inputs: an updated version of the Maltenfort and Burke (2003) model. Physiome, 2022, , .	0.3	0
3	Spindle Model Responsive to Mixed Fusimotor Inputs: an updated version of the Maltenfort and Burke (2003) model. Physiome, 2022, , .	0.3	0
4	Variations in Muscle Activity and Exerted Torque During Temporary Blood Flow Restriction in Healthy Individuals. Frontiers in Bioengineering and Biotechnology, 2021, 9, 557761.	2.0	1
5	Identification of Motor Unit Twitch Properties in the Intact Human In Vivo. , 2021, 2021, 6310-6313.		3
6	Adaptation Strategies for Personalized Gait Neuroprosthetics. Frontiers in Neurorobotics, 2021, 15, 750519.	1.6	1
7	Modelling the electrical activity of skeletal muscle tissue using a multi-domain approach. Biomechanics and Modeling in Mechanobiology, 2020, 19, 335-349.	1.4	14
8	Neck Muscle Stiffness Measured With Shear Wave Elastography in Women With Chronic Nonspecific Neck Pain. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 179-188.	1.7	25
9	Interfacing With Alpha Motor Neurons in Spinal Cord Injury Patients Receiving Trans-spinal Electrical Stimulation. Frontiers in Neurology, 2020, 11, 493.	1.1	12
10	Multiscale modeling of the neuromuscular system: Coupling neurophysiology and skeletal muscle mechanics. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2019, 11, e1457.	6.6	35
11	Using first bout effect to study the mechanisms underlying eccentric exercise induced force loss. Journal of Bodywork and Movement Therapies, 2019, 23, 48-53.	0.5	1
12	Reciprocal inhibition between motor neurons of the tibialis anterior and triceps surae in humans. Journal of Neurophysiology, 2018, 119, 1699-1706.	0.9	27
13	In Vivo Neuromechanics: Decoding Causal Motor Neuron Behavior with Resulting Musculoskeletal Function. Scientific Reports, 2017, 7, 13465.	1.6	58
14	From Spiking Motor Units to Joint Function. Biosystems and Biorobotics, 2017, , 1275-1279.	0.2	0
15	Reflex Circuitry Originating from the Muscle Spindles to the Tibialis Anterior Muscle. Biosystems and Biorobotics, 2017, , 177-181.	0.2	0
16	The human motor neuron pools receive a dominant slowâ€varying common synaptic input. Journal of Physiology, 2016, 594, 5491-5505.	1.3	83
17	Estimating reflex responses in large populations of motor units by decomposition of the highâ€density surface electromyogram. Journal of Physiology, 2015, 593, 4305-4318.	1.3	46
18	Jaw tremor as a physiological biomarker of bruxism. Clinical Neurophysiology, 2015, 126, 1746-1753.	0.7	8

**U**τκυ Åž Υανυz

#	Article	IF	CITATIONS
19	Experimental muscle pain increases variability of neural drive to muscle and decreases motor unit coherence in tremor frequency band. Journal of Neurophysiology, 2015, 114, 1041-1047.	0.9	10
20	Limitations of the Spike-Triggered Averaging for Estimating Motor Unit Twitch Force: A Theoretical Analysis. PLoS ONE, 2014, 9, e92390.	1.1	9
21	Activation properties of trigeminal motoneurons in participants with and without bruxism. Journal of Neurophysiology, 2013, 110, 2863-2872.	0.9	9
22	Cutaneous silent period in human FDI motor units. Experimental Brain Research, 2010, 205, 455-463.	0.7	18
23	Effect of gender, age, fatigue and contraction level on electromechanical delay. Clinical Neurophysiology, 2010, 121, 1700-1706.	0.7	66