Nadica MiljkoviÄ‡

List of Publications by Year
in descending order

34 papers	215 citations	1307594 7 h-index	1058476 14 g-index
35 all docs	35 docs citations	35 times ranked	258 citing authors

#	Article	IF	Citations
1	ECG artifact cancellation in surface EMG signals by fractional order calculus application. Computer Methods and Programs in Biomedicine, 2017, 140, 259-264.	4.7	41
2	Relationship Between Electromyographic Signal Amplitude and Thickness Change of the Trunk Muscles in Patients With and Without Low Back Pain. Clinical Journal of Pain, 2015, 31, 893-902.	1.9	33
3	Posture in dentists: Sitting vs. standing positions during dentistry work - an EMG study. Srpski Arhiv Za Celokupno Lekarstvo, 2016, 144, 181-187.	0.2	19
4	Recovery of motor function after stroke: A polymyography-based analysis. Journal of Neuroscience Methods, 2011, 194, 321-328.	2.5	15
5	Simple gastric motility assessment method with a single-channel electrogastrogram. Biomedizinische Technik, 2019, 64, 177-185.	0.8	13
6	Hill's and Huxley's muscle models - tools for simulations in biomechanics. Serbian Journal of Electrical Engineering, 2015, 12, 53-67.	0.4	13
7	Electrogastrography in Autonomous Vehicles—An Objective Method for Assessment of Motion Sickness in Simulated Driving Environments. Sensors, 2021, 21, 550.	3.8	12
8	Independent Component Analysis (ICA) methods for neonatal EEG artifact extraction: Sensitivity to variation of artifact properties. , 2010, , .		9
9	Classifying sEMG-based hand movements by means of principal component analysis. Telfor Journal, 2015, 7, 26-30.	0.7	8
10	Fibre-grating sensors for the measurement of physiological pulsations. Physica Scripta, 2013, T157, 014022.	2.5	7
11	Pulse rate assessment: Eulerian Video Magnification vs. electrocardiography recordings. , 2014, , .		7
12	Posture in dentists: Sitting vs. standing positions during dentistry work--An EMG study. Srpski Arhiv Za Celokupno Lekarstvo, 2016, 144, 181-7.	0.2	7
13	Lessons Learned: Gastric Motility Assessment During Driving Simulation. Sensors, 2019, 19, 3175.	3.8	5
14	Relationship between electrocardiogram€based features and personality traits: Machine learning approach. Annals of Noninvasive Electrocardiology, 2022, 27, e12919.	1.1	5
15	sEMG-based detection of poor posture: A feasibility study. , 2012, 2012, 1210-3.		3
16	Recording and assessment of evoked potentials with electrode arrays. Medical and Biological Engineering and Computing, 2015, 53, 857-867.	2.8	3
17	Difference between subjects in early chronic phase of low back pain with and without neuropathic component: observational cross-sectional study. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 217-224.	2.2	3
18	Independent component analysis of EMG for posture detection: Sensitivity to variation of posture properties. , 2011, , .		2

#	Article	IF	Citations
19	A paradigm of galvanic vestibular stimulation diminishes the soleus muscle H-reflex in healthy volunteers. Spinal Cord, 2016, 54, 150-153.	1.9	2
20	Effect of the sEMG electrode (re)placement and feature set size on the hand movement recognition. Biomedical Signal Processing and Control, 2021, 64, 102292.	5.7	2
21	H-reflex recorded by multi-pad EMG electrodes. , 2012, , .		1
22	Classifying sEMG-based hand movements by means of principal component analysis. , 2014, , .		1
23	Heart rate detection: Fractional approach and empirical mode decomposition. , 2017, , .		1
24	Electrogastrogram and electrocardiogram interference: Application of fractional order calculus and Savitzky-Golay filter for biosignals segregation. , 2020, , .		1
25	Empirical mode decomposition for automatic artifact elimination in electrogastrogram. , 2021, , .		1
26	Assisting Persons after Stroke to Restore Gait: Hybrid System. Biosystems and Biorobotics, 2013, , 209-213.	0.3	1
27	Muscle synergies with Walkaround® postural support vs. â€œcane/therapistâ€•assistance. NeuroRehabilitation, 2013, 33, 491-501.	1.3	0
28	Cross correlation of pain hypersensitivity and trunk muscles imaging parameters in subacute low back pain. Annals of Physical and Rehabilitation Medicine, 2014, 57, e255.	2.3	0
29	Trunk flexion measurement for the assessment of low back pain. Military Technical Courier, 2015, 63, 56-66.	0.7	0
30	Two Simple Capacitance Sensing Solutions. , 2018, , .		0
31	Software Module for Processing EEG Signals in a Biofeedback Based System. , 2018, , .		0
32	Optimal stimulation site selection for Hâ€reflex measurement: Comments on previously published paper. Muscle and Nerve, 2019, 60, E22.	2.2	0
33	Clustering Technique for Quantitative Assessment of Motor Function in Stroke Patients. IFMBE Proceedings, 2011, , 753-756.	0.3	0
34	Fractional order calculus for fetal pulse detection. , 2022, , .		0