

# Nadica MiljkoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Relationship between electrocardiogram-based features and personality traits: Machine learning approach. <i>Annals of Noninvasive Electrocardiology</i> , 2022, 27, e12919.	1.1	5
2	Fractional order calculus for fetal pulse detection. , 2022, , .		0
3	Effect of the sEMG electrode (re)placement and feature set size on the hand movement recognition. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102292.	5.7	2
4	Electrogastrography in Autonomous VehiclesâAn Objective Method for Assessment of Motion Sickness in Simulated Driving Environments. <i>Sensors</i> , 2021, 21, 550.	3.8	12
5	Empirical mode decomposition for automatic artifact elimination in electrogastrogram. , 2021, , .		1
6	Electrogastrogram and electrocardiogram interference: Application of fractional order calculus and Savitzky-Golay filter for biosignals segregation. , 2020, , .		1
7	Lessons Learned: Gastric Motility Assessment During Driving Simulation. <i>Sensors</i> , 2019, 19, 3175.	3.8	5
8	Optimal stimulation site selection for H-reflex measurement: Comments on previously published paper. <i>Muscle and Nerve</i> , 2019, 60, E22.	2.2	0
9	Difference between subjects in early chronic phase of low back pain with and without neuropathic component: observational cross-sectional study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019, 55, 217-224.	2.2	3
10	Simple gastric motility assessment method with a single-channel electrogastrogram. <i>Biomedizinische Technik</i> , 2019, 64, 177-185.	0.8	13
11	Two Simple Capacitance Sensing Solutions. , 2018, , .		0
12	Software Module for Processing EEG Signals in a Biofeedback Based System. , 2018, , .		0
13	ECG artifact cancellation in surface EMG signals by fractional order calculus application. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 140, 259-264.	4.7	41
14	Heart rate detection: Fractional approach and empirical mode decomposition. , 2017, , .		1
15	A paradigm of galvanic vestibular stimulation diminishes the soleus muscle H-reflex in healthy volunteers. <i>Spinal Cord</i> , 2016, 54, 150-153.	1.9	2
16	Posture in dentists: Sitting vs. standing positions during dentistry work - an EMG study. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2016, 144, 181-187.	0.2	19
17	Posture in dentists: Sitting vs. standing positions during dentistry work-An EMG study. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2016, 144, 181-7.	0.2	7
18	Relationship Between Electromyographic Signal Amplitude and Thickness Change of the Trunk Muscles in Patients With and Without Low Back Pain. <i>Clinical Journal of Pain</i> , 2015, 31, 893-902.	1.9	33

#	ARTICLE	IF	CITATIONS
19	Trunk flexion measurement for the assessment of low back pain. Military Technical Courier, 2015, 63, 56-66.	0.7	0
20	Recording and assessment of evoked potentials with electrode arrays. Medical and Biological Engineering and Computing, 2015, 53, 857-867.	2.8	3
21	Hillâ€™s and Huxleyâ€™s muscle models - tools for simulations in biomechanics. Serbian Journal of Electrical Engineering, 2015, 12, 53-67.	0.4	13
22	Classifying sEMG-based hand movements by means of principal component analysis. Telfor Journal, 2015, 7, 26-30.	0.7	8
23	Pulse rate assessment: Eulerian Video Magnification vs. electrocardiography recordings. , 2014, , .		7
24	Classifying sEMG-based hand movements by means of principal component analysis. , 2014, , .		1
25	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
26	Muscle synergies with WalkaroundÂ® postural support vs. â€œcane/therapistâ€™-assistance. NeuroRehabilitation, 2013, 33, 491-501.	1.3	0
27	Fibre-grating sensors for the measurement of physiological pulsations. Physica Scripta, 2013, T157, 014022.	2.5	7
28	Assisting Persons after Stroke to Restore Gait: Hybrid System. Biosystems and Biorobotics, 2013, , 209-213.	0.3	1
29	sEMG-based detection of poor posture: A feasibility study. , 2012, 2012, 1210-3.		3
30	H-reflex recorded by multi-pad EMG electrodes. , 2012, , .		1
31	Recovery of motor function after stroke: A polymyography-based analysis. Journal of Neuroscience Methods, 2011, 194, 321-328.	2.5	15
32	Independent component analysis of EMG for posture detection: Sensitivity to variation of posture properties. , 2011, , .		2
33	Clustering Technique for Quantitative Assessment of Motor Function in Stroke Patients. IFMBE Proceedings, 2011, , 753-756.	0.3	0
34	Independent Component Analysis (ICA) methods for neonatal EEG artifact extraction: Sensitivity to variation of artifact properties. , 2010, , .		9