Ewa Zalewska

List of Publications by Year
in descending order

22 papers	94 citations	1478280 6 h-index	1588896 8 g-index
24 all docs	24 docs citations	24 times ranked	100 citing authors

#	Article	IF	Citations
1	Influence of time shifting of single muscle fiber potentials (SFPs) on jitter values measured using concentric needle electrode â€" a simulation study. Neurophysiologie Clinique, 2022, , .	1.0	1
2	Differentiation between single fiber potentials from one muscle fiber or contaminated by other fibers using discriminating function. Neurophysiologie Clinique, 2021, 51, 466-479.	1.0	1
3	Motor neurons loss in Parkinson Disease: An electrophysiological study (MUNE). Journal of Electromyography and Kinesiology, 2021, 61, 102606.	0.7	0
4	Response: Commentary: Is So-Called â€œSplit Alphaâ€•in EEG Spectral Analysis a Result of Methodological and Interpretation Errors?. Frontiers in Neuroscience, 2021, 15, 784338.	1.4	0
5	Is So Called â€œSplit Alphaâ€•in EEG Spectral Analysis a Result of Methodological and Interpretation Errors?. Frontiers in Neuroscience, 2020, 14, 608453.	1.4	3
6	Evolution of single fiber potential (SFP) criteria towards improving jitter measurement. Neurophysiologie Clinique, 2019, 49, 205-207.	1.0	2
7	Motor Unit Number Index (MUNIX) as a biomarker of motor unit loss in post-polio syndrome versus needle EMG. Journal of Electromyography and Kinesiology, 2019, 46, 35-40.	0.7	8
8	Identification of components from distant fibers in a recorded single muscle fiber potential (SFP) â€" a new approach to the SFP criteria. Neurophysiologie Clinique, 2019, 49, 69-80.	1.0	4
9	Correlating motor unit morphology with bioelectrical activity â€" A simulation study. Clinical Neurophysiology, 2018, 129, 271-279.	0.7	1
10	Comprehensive evaluation of EMG and biopsy findings supported by computer simulations â€" A preliminary study. Clinical Neurophysiology, 2018, 129, 1595-1604.	0.7	0
11	Deriving muscle fiber diameter from recorded single fiber potential. Neurophysiologie Clinique, 2017, 47, 413-417.	1.0	3
12	Professor Irena Hausmanowa-Petrusewicz (1917â€"2015)Ââ€"Âdistinguished neurologist, teacher and scientist. Neurophysiologie Clinique, 2016, 46, 235-236.	1.0	0
13	Motor unit number estimation as a complementary test to routine electromyography in the diagnosis of amyotrophic lateral sclerosis. Journal of Electromyography and Kinesiology, 2016, 26, 60-65.	0.7	7
14	Accuracy of the electrodes location method for simultaneous SPECT and EEG examinations. Biocybernetics and Biomedical Engineering, 2015, 35, 176-184.	3.3	0
15	Integration of EEG and SPECT data acquired from simultaneous examinations. Biocybernetics and Biomedical Engineering, 2013, 33, 196-203.	3.3	3
16	Motor unit potentials with satellites in dystrophinopathies. Journal of Electromyography and Kinesiology, 2013, 23, 580-586.	0.7	9
17	A method for determination of muscle fiber diameter using single fiber potential (SFP) analysis. Medical and Biological Engineering and Computing, 2012, 50, 1309-1314.	1.6	10
18	Simulation studies on the motor unit potentials with satellite components in amyotrophic lateral sclerosis and spinal muscle atrophy. Muscle and Nerve, 2012, 45, 514-521.	1.0	5

#	Article	IF	Citations
19	Approximation of motor unit structure from the analysis of motor unit potential. Clinical Neurophysiology, 2008, 119, 2501-2506.	0.7	11
20	The SIIR index—a non-linear combination of waveform size and irregularity parameters for classification of motor unit potentials. Clinical Neurophysiology, 2005, 116, 957-964.	0.7	6
21	On the classification of nonsimple motor unit potentials. , 1999, 22, 780-781.		0
22	Shape irregularity of motor unit potentials in some neuromuscular disorders. , 1998, 21, 1181-1187.		15