Cezary Sielużycki

List of Publications by Year
in descending order

22 papers	232 citations	1307594 7 h-index	996975 15 g-index
23 all docs	23 docs citations	23 times ranked	230 citing authors

#	Article	IF	Citations
1	A Maximum-Likelihood Estimator for Trial-to-Trial Variations in Noisy MEG/EEG Data Sets. IEEE Transactions on Biomedical Engineering, 2004, 51, 2123-2128.	4.2	48
2	Single-Trial Evoked Brain Responses Modeled by Multivariate Matching Pursuit. IEEE Transactions on Biomedical Engineering, 2009, 56, 74-82.	4.2	44
3	Application of modern tests for stationarity to single-trial MEG data. Biological Cybernetics, 2011, 105, 183-195.	1.3	39
4	Effects of the task of categorizing FM direction on auditory evoked magnetic fields in the human auditory cortex. Brain Research, 2008, 1220, 102-117.	2.2	13
5	The M100 component of evoked magnetic fields differs by scaling factors: Implications for signal averaging. Psychophysiology, 2011, 48, 1069-1082.	2.4	13
6	Averaging auditory evoked magnetoencephalographic and electroencephalographic responses: a critical discussion. European Journal of Neuroscience, 2015, 41, 631-640.	2.6	11
7	Single-trial reconstruction of auditory evoked magnetic fields by means of Template Matching Pursuit. Journal of Neuroscience Methods, 2011, 199, 119-128.	2.5	9
8	Microsoft Kinect as a Tool to Support Training in Professional Sports: Augmented Reality Application to Tachi-Waza Techniques in Judo. , 2016, , .		8
9	Event-related desynchronization and synchronization in MEG: Framework for analysis and illustrative datasets related to discrimination of frequency-modulated tones. Journal of Neuroscience Methods, 2008, 168, 239-247.	2.5	7
10	Variance stabilization for computing and comparing grand mean waveforms in <scp>MEG</scp> and <scp>EEG</scp>. Psychophysiology, 2013, 50, 627-639.	2.4	6
11	Tiny Signals from the Human Brain: Acquisition and Processing of Biomagnetic Fields in Magnetoencephalography. Journal of Low Temperature Physics, 2007, 146, 697-718.	1.4	5
12	Simultaneous spatio-temporal matching pursuit decomposition of evoked brain responses in MEG. Biological Cybernetics, 2017, 111, 69-89.	1.3	5
13	A Fully Automated 3D <i>In-Vivo</i> Delineation and Shape Parameterization of the Human Lamina Cribrosa in Optical Coherence Tomography. IEEE Transactions on Biomedical Engineering, 2019, 66, 1422-1428.	4.2	5
14	Maximum-likelihood estimation of channel-dependent trial-to-trial variability of auditory evoked brain responses in MEG. BioMedical Engineering OnLine, 2014, 13, 75.	2.7	4
15	Can Kinect aid motor learning in sportsmen? A study for three standing techniques in judo. PLoS ONE, 2019, 14, e0210260.	2.5	4
16	Estimation of the spatiotemporal structure of event-related desynchronization and synchronization in magnetoencephalography. Journal of Neuroscience Methods, 2012, 205, 148-158.	2.5	2
17	Fully automated detection of lamina cribrosa in optical coherence tomography: Framework and illustrative examples. , 2017, 2017, 608-611.		2
18	Beta Iterative Synchronization: An Algorithm for Structural Signal Averaging. IEEE Access, 2018, 6, 68027-68037.	4.2	2

#	Article	IF	Citations
19	The effect of a categorical discrimination task on the auditory M100-peak latency. International Congress Series, 2007, 1300, 45-48.	0.2	1
20	A maximum likelihood estimator for habituation effects in evoked magnetic field data. , 0, , .		0
21	Reducing the Number of MEG/EEG Trials Needed for the Estimation of Brain Evoked Responses: A Bootstrap Approach. IEEE Transactions on Biomedical Engineering, 2021, 68, 2301-2312.	4.2	0
22	Relevant observations for averaging stimulus evoked magnetic fields across trials and across subjects. Frontiers in Neuroscience, 0, 4, .	2.8	0