

Cezary Sielunicki

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

232
citations

1307594

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996975

15
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23
all docs

23
docs citations

23
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Can Kinect aid motor learning in sportsmen? A study for three standing techniques in judo. PLoS ONE, 2019, 14, e0210260.	2.5	4
3	A Fully Automated 3D In-Vivo 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
4	Beta Iterative Synchronization: An Algorithm for Structural Signal Averaging. IEEE Access, 2018, 6, 68027-68037.	4.2	2
5	Simultaneous spatio-temporal matching pursuit decomposition of evoked brain responses in MEG. Biological Cybernetics, 2017, 111, 69-89.	1.3	5
6	Fully automated detection of lamina cribrosa in optical coherence tomography: Framework and illustrative examples. , 2017, 2017, 608-611.		2
7	Microsoft Kinect as a Tool to Support Training in Professional Sports: Augmented Reality Application to Tachi-Waza Techniques in Judo. , 2016, , .		8
8	Averaging auditory evoked magnetoencephalographic and electroencephalographic responses: a critical discussion. European Journal of Neuroscience, 2015, 41, 631-640.	2.6	11
9	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
10	Variance stabilization for computing and comparing grand mean waveforms in MEG and EEG. Psychophysiology, 2013, 50, 627-639.	2.4	6
11	Estimation of the spatiotemporal structure of event-related desynchronization and synchronization in magnetoencephalography. Journal of Neuroscience Methods, 2012, 205, 148-158.	2.5	2
12	The M100 component of evoked magnetic fields differs by scaling factors: Implications for signal averaging. Psychophysiology, 2011, 48, 1069-1082.	2.4	13
13	Application of modern tests for stationarity to single-trial MEG data. Biological Cybernetics, 2011, 105, 183-195.	1.3	39
14	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
15	Single-Trial Evoked Brain Responses Modeled by Multivariate Matching Pursuit. IEEE Transactions on Biomedical Engineering, 2009, 56, 74-82.	4.2	44
16	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
17	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
18	The effect of a categorical discrimination task on the auditory M100-peak latency. International Congress Series, 2007, 1300, 45-48.	0.2	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	A maximum likelihood estimator for habituation effects in evoked magnetic field data. , 0, , .		0
22	Relevant observations for averaging stimulus evoked magnetic fields across trials and across subjects. Frontiers in Neuroscience, 0, 4, .	2.8	0