

Pieter van Mierlo

List of Publications by Year in descending order

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44
papers

1,255
citations

394421

19
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1449
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated ictal EEG source imaging: A retrospective, blinded clinical validation study. <i>Clinical Neurophysiology</i> , 2022, 141, 119-125.	1.5	10

2 Tracking Multifocal Epilepsy With Automated Electric Source Imaging in a Patient With Triple-X

#	ARTICLE	IF	CITATIONS
19	Automated EEG source imaging: A retrospective, blinded clinical validation study. <i>Clinical Neurophysiology</i> , 2018, 129, 2403-2410.	1.5	48
20	Little effort with big effect – implementing the new IFCN 2017 recommendations on standard EEGs. <i>Clinical Neurophysiology</i> , 2018, 129, 2433-2434.	1.5	3
21	Influence of Time-Series Normalization, Number of Nodes, Connectivity and Graph Measure Selection on Seizure-Onset Zone Localization from Intracranial EEG. <i>Brain Topography</i> , 2018, 31, 753-766.	1.8	12
22	Tracking Dynamic Interactions Between Structural and Functional Connectivity: A TMS/EEG-dMRI Study. <i>Brain Connectivity</i> , 2017, 7, 84-97.	1.7	23
23	Spatiotemporal differentiation in auditory and motor regions during auditory phoneme discrimination. <i>Acta Neurologica Belgica</i> , 2017, 117, 477-491.	1.1	0
24	Automated long-term EEG analysis to localize the epileptogenic zone. <i>Epilepsia Open</i> , 2017, 2, 322-333.	2.4	41
25	EEG source connectivity to localize the seizure onset zone in patients with drug resistant epilepsy. <i>NeuroImage: Clinical</i> , 2017, 16, 689-698.	2.7	50
26	Seizure Onset Zone Localization from Ictal High-Density EEG in Refractory Focal Epilepsy. <i>Brain Topography</i> , 2017, 30, 257-271.	1.8	50
27	EEG Derived Brain Activity Reflects Treatment Response from Vagus Nerve Stimulation in Patients with Epilepsy. <i>International Journal of Neural Systems</i> , 2017, 27, 1650048.	5.2	25
28	Electrical source imaging of interictal spikes using multiple sparse volumetric priors for presurgical epileptogenic focus localization. <i>NeuroImage: Clinical</i> , 2016, 11, 252-263.	2.7	16
29	Modulation of Hippocampal Activity by Vagus Nerve Stimulation in Freely Moving Rats. <i>Brain Stimulation</i> , 2016, 9, 124-132.	1.6	21
30	When will a stuttering moment occur? The determining role of speech motor preparation. <i>Neuropsychologia</i> , 2016, 86, 93-102.	1.6	31
31	Directed Functional Brain Connectivity Based on EEG Source Imaging: Methodology and Application to Temporal Lobe Epilepsy. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2619-2628.	4.2	60
32	Difficulty of Comparing the Multiple Heterogeneous Approaches: Comment to Transcranial Direct Current Stimulation in Epilepsy. <i>Brain Stimulation</i> , 2016, 9, 459-461.	1.6	1
33	Increased motor preparation activity during fluent single word production in DS: A correlate for stuttering frequency and severity. <i>Neuropsychologia</i> , 2015, 75, 1-10.	1.6	21
34	Tracking slow modulations in synaptic gain using dynamic causal modelling: Validation in epilepsy. <i>NeuroImage</i> , 2015, 107, 117-126.	4.2	43
35	Neurophysiological sensitivity for impaired phonological processing in the acute stage of aphasia. <i>Brain and Language</i> , 2015, 149, 84-96.	1.6	17
36	Sex Differences in Neurophysiological Activation Patterns During Phonological Input Processing: An Influencing Factor for Normative Data. <i>Archives of Sexual Behavior</i> , 2015, 44, 2207-2218.	1.9	16

#	ARTICLE	IF	CITATIONS
37	CNV amplitude as a neural correlate for stuttering frequency: A case report of acquired stuttering. <i>Neuropsychologia</i> , 2014, 64, 349-359.	1.6	5
38	Bayesian model selection of template forward models for EEG source reconstruction. <i>NeuroImage</i> , 2014, 93, 11-22.	4.2	21
39	Functional brain connectivity from EEG in epilepsy: Seizure prediction and epileptogenic focus localization. <i>Progress in Neurobiology</i> , 2014, 121, 19-35.	5.7	257
40	Multiple sparse volumetric priors for distributed EEG source reconstruction. <i>NeuroImage</i> , 2014, 100, 715-724.	4.2	6
41	Ictal onset localization through connectivity analysis of intracranial EEG signals in patients with refractory epilepsy. <i>Epilepsia</i> , 2013, 54, 1409-1418.	5.1	116
42	Epileptogenic focus localization through connectivity analysis of the intracranial EEG: A retrospective study in 2 patients. , 2011, , .		0
43	Accurate epileptogenic focus localization through time-variant functional connectivity analysis of intracranial electroencephalographic signals. <i>NeuroImage</i> , 2011, 56, 1122-1133.	4.2	75
44	Epileptic brain network from scalp EEG: Identifying the epileptic driver by connectivity analysis on brain waveforms. , 2011, , .		0