

Maeike Zijlmans

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

4,232
citations

136740

32
h-index

118652

62
g-index

82
all docs

82
docs citations

82
times ranked

3020
citing authors

#	ARTICLE	IF	CITATIONS
1	High-frequency oscillations in scalp EEG: A systematic review of methodological choices and clinical findings. <i>Clinical Neurophysiology</i> , 2022, 137, 46-58.	0.7	13
2	A Practical Workflow for Organizing Clinical Intraoperative and Long-term iEEG Data in BIDS. <i>Neuroinformatics</i> , 2022, 20, 727-736.	1.5	8
3	Deep learning for epileptogenic zone delineation from the invasive EEG: challenges and lookouts. <i>Brain Communications</i> , 2022, 4, fcab307.	1.5	3
4	Can we use intraoperative high-frequency oscillations to guide tumor-related epilepsy surgery?. <i>Epilepsia</i> , 2021, 62, 997-1004.	2.6	21
5	Are HFOs in the Intra-operative ECoG Related to Hippocampal Sclerosis, Volume and IQ?. <i>Frontiers in Neurology</i> , 2021, 12, 645925.	1.1	1
6	Nasopharyngeal electrodes for recording mesiotemporal spikes: Post-covid revival?. <i>Clinical Neurophysiology</i> , 2021, 132, 1718-1720.	0.7	1
7	High-frequency oscillations recorded with surface EEG in neonates with seizures. <i>Clinical Neurophysiology</i> , 2021, 132, 1452-1461.	0.7	7
8	Editorial: High-Frequency Oscillations in the Hippocampus as Biomarkers of Pathology and Healthy Brain Function. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 763881.	1.0	2
9	High frequency oscillations associate with neuroinflammation in low-grade epilepsy associated tumors. <i>Clinical Neurophysiology</i> , 2021, , .	0.7	8
10	HFO to Measure Seizure Propensity and Improve Prognostication in Patients With Epilepsy. <i>Epilepsy Currents</i> , 2020, 20, 338-347.	0.4	29
11	The value of intra-operative electrographic biomarkers for tailoring during epilepsy surgery: from group-level to patient-level analysis. <i>Scientific Reports</i> , 2020, 10, 14654.	1.6	13
12	The resolution revolution: Comparing spikes and high frequency oscillations in high-density and standard intra-operative electrocorticography of the same patient. <i>Clinical Neurophysiology</i> , 2020, 131, 1040-1043.	0.7	10
13	High frequency oscillations relate to cognitive improvement after epilepsy surgery in children. <i>Clinical Neurophysiology</i> , 2020, 131, 1134-1141.	0.7	9
14	Validation of virtual resection on intraoperative interictal data acquired during epilepsy surgery. <i>Journal of Neural Engineering</i> , 2020, 17, 066002.	1.8	5
15	Changing concepts in presurgical assessment for epilepsy surgery. <i>Nature Reviews Neurology</i> , 2019, 15, 594-606.	4.9	125
16	Increased gamma and decreased fast ripple connections of epileptic tissue: A high-frequency directed network approach. <i>Epilepsia</i> , 2019, 60, 1908-1920.	2.6	25
17	High frequency oscillations in MEC: next steps in source imaging for focal epilepsy. <i>Brain</i> , 2019, 142, 3318-3320.	3.7	5
18	What are you looking at? Unripping terminology for high frequency activity. <i>Clinical Neurophysiology</i> , 2019, 130, 2132-2133.	0.7	7

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19	Simultaneous MEG and EEG to detect ripples in people with focal epilepsy. <i>Clinical Neurophysiology</i> , 2019, 130, 1175-1183.	0.7	31
20	Electrocorticographic high gamma language mapping: Mind the pitfalls of comparison with electrocortical stimulation. <i>Epilepsy and Behavior</i> , 2018, 82, 196-199.	0.9	4
21	The relation between cortisol and functional connectivity in people with and without stress-sensitive epilepsy. <i>Epilepsia</i> , 2018, 59, 179-189.	2.6	27
22	Beamforming applied to surface EEG improves ripple visibility. <i>Clinical Neurophysiology</i> , 2018, 129, 101-111.	0.7	15
23	Ripples in scalp EEGs of children: co-occurrence with sleep-specific transients and occurrence across sleep stages. <i>Sleep</i> , 2018, 41, .	0.6	17
24	Evoked versus spontaneous high frequency oscillations in the chronic electrocorticogram in focal epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 858-866.	0.7	14
25	How to record high-frequency oscillations in epilepsy: A practical guideline. <i>Epilepsia</i> , 2017, 58, 1305-1315.	2.6	127
26	Automatic detection and visualisation of MEG ripple oscillations in epilepsy. <i>NeuroImage: Clinical</i> , 2017, 15, 689-701.	1.4	41
27	Tailoring epilepsy surgery with fast ripples in the intraoperative electrocorticogram. <i>Annals of Neurology</i> , 2017, 81, 664-676.	2.8	120
28	Non-harmonicity in high-frequency components of the intra-operative corticogram to delineate epileptogenic tissue during surgery. <i>Clinical Neurophysiology</i> , 2017, 128, 153-164.	0.7	15
29	Post traumatic stress-sensitive epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 52, 20-21.	0.9	6
30	Physiological Ripples ($\hat{A}\pm\hat{A}\%100\hat{A}$ Hz) in Spike-Free Scalp EEGs of Children With and Without Epilepsy. <i>Brain Topography</i> , 2017, 30, 739-746.	0.8	39
31	The topographical distribution of epileptic spikes in juvenile myoclonic epilepsy with and without photosensitivity. <i>Clinical Neurophysiology</i> , 2017, 128, 176-182.	0.7	6
32	Ripples on rolandic spikes: A marker of epilepsy severity. <i>Epilepsia</i> , 2016, 57, 1179-1189.	2.6	97
33	Cortisol fluctuations relate to interictal epileptiform discharges in stress sensitive epilepsy. <i>Brain</i> , 2016, 139, 1673-1679.	3.7	49
34	Making sense of ripples in generalized epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 1759-1761.	0.7	0
35	Brain areas with epileptic high frequency oscillations are functionally isolated in MEG virtual electrode networks. <i>Clinical Neurophysiology</i> , 2016, 127, 2581-2591.	0.7	39
36	Spontaneous ripples in the hippocampus correlate with epileptogenicity and not memory function in patients with refractory epilepsy. <i>Epilepsy and Behavior</i> , 2016, 62, 258-266.	0.9	22

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37	Automatic detection of high frequency oscillations during epilepsy surgery predicts seizure outcome. <i>Clinical Neurophysiology</i> , 2016, 127, 3066-3074.	0.7	83
38	Single Pulse Electrical Stimulation to identify epileptogenic cortex: Clinical information obtained from early evoked responses. <i>Clinical Neurophysiology</i> , 2016, 127, 1088-1098.	0.7	50
39	Generalized epilepsy: Don't look too close. <i>Clinical Neurophysiology</i> , 2016, 127, 989-990.	0.7	0
40	Relationships between interictal epileptic spikes and ripples in surface EEG. <i>Clinical Neurophysiology</i> , 2016, 127, 143-149.	0.7	39
41	Brain surgery in tumor related epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 15-16.	0.7	0
42	Identification of epileptic high frequency oscillations in the time domain by using MEG beamformer-based virtual sensors. <i>Clinical Neurophysiology</i> , 2016, 127, 197-208.	0.7	59
43	High frequency oscillations in the intra-operative ECoG to guide epilepsy surgery (‘The HFO Trial’): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 422.	0.7	68
44	Do clinicians use more question marks?. <i>JRSM Open</i> , 2015, 6, 205427041557902.	0.2	1
45	Residual fast ripples in the intraoperative corticogram predict epilepsy surgery outcome. <i>Neurology</i> , 2015, 85, 120-128.	1.5	122
46	Automated Seizure Onset Zone Approximation Based on Nonharmonic High-Frequency Oscillations in Human Interictal Intracranial EEGs. <i>International Journal of Neural Systems</i> , 2015, 25, 1550015.	3.2	30
47	Can we increase the yield of FDG-PET in the preoperative work-up for epilepsy surgery?. <i>Epilepsy Research</i> , 2014, 108, 1095-1105.	0.8	20
48	CORTICAL EXCITABILITY AS A POTENTIAL CLINICAL MARKER OF EPILEPSY: A REVIEW OF THE CLINICAL APPLICATION OF TRANSCRANIAL MAGNETIC STIMULATION. <i>International Journal of Neural Systems</i> , 2014, 24, 1430001.	3.2	48
49	High frequency oscillations in intra-operative electrocorticography before and after epilepsy surgery. <i>Clinical Neurophysiology</i> , 2014, 125, 2212-2219.	0.7	81
50	Finger snapping during seizures. <i>Epilepsy & Behavior Case Reports</i> , 2014, 2, 108-111.	1.5	2
51	Are high frequency oscillations associated with altered network topology in partial epilepsy?. <i>NeuroImage</i> , 2013, 82, 564-573.	2.1	72
52	Can task-related gamma activity guide the neurosurgeon in epilepsy surgery?. <i>Clinical Neurophysiology</i> , 2013, 124, 1710-1711.	0.7	1
53	Different ways to analyze EEG-fMRI in focal epilepsy: Does it matter?. <i>Clinical Neurophysiology</i> , 2013, 124, 2070-2072.	0.7	7
54	Can't touch this! Eloquent cortex in epilepsy surgery. <i>Clinical Neurophysiology</i> , 2013, 124, 2288.	0.7	0

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55	Electrical injury to the brain: Figure 1. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 933-934.	0.9	3
56	The contribution of posterior circulation to memory function during the intracarotid amobarbital procedure. Journal of Neurology, 2012, 259, 1632-1638.	1.8	5
57	Interictal high frequency oscillations (HFOs) in patients with focal epilepsy and normal MRI. Clinical Neurophysiology, 2012, 123, 100-105.	0.7	64
58	A comparison between detectors of high frequency oscillations. Clinical Neurophysiology, 2012, 123, 106-116.	0.7	141
59	Epileptic high-frequency oscillations in intraoperative electrocorticography: The effect of propofol. Epilepsia, 2012, 53, 1799-1809.	2.6	56
60	Quantification of spontaneous and evoked HFO's in SEEG recording and prospective for pre-surgical diagnostics. Case study. , 2012, 2012, 1024-7.		7
61	High-frequency oscillations as a new biomarker in epilepsy. Annals of Neurology, 2012, 71, 169-178.	2.8	392
62	Ictal and interictal high frequency oscillations in patients with focal epilepsy. Clinical Neurophysiology, 2011, 122, 664-671.	0.7	158
63	Coping style and health-related quality of life in caregivers of epilepsy patients. Journal of Neurology, 2011, 258, 1788-1794.	1.8	33
64	Coping style and quality of life in patients with epilepsy: a cross-sectional study. Journal of Neurology, 2011, 258, 37-43.	1.8	57
65	Time-frequency analysis of single pulse electrical stimulation to assist delineation of epileptogenic cortex. Brain, 2011, 134, 2855-2866.	3.7	100
66	High-frequency electroencephalographic oscillations correlate with outcome of epilepsy surgery. Annals of Neurology, 2010, 67, 209-220.	2.8	645
67	Comparison of analytical strategies for EEG-correlated fMRI data in patients with epilepsy. Magnetic Resonance Imaging, 2010, 28, 1078-1086.	1.0	30
68	Value of electrical stimulation and high frequency oscillations (80-500 Hz) in identifying epileptogenic areas during intracranial EEG recordings. Epilepsia, 2010, 51, 573-582.	2.6	53
69	3T versus 1.5T phased-array MRI in the presurgical workup of patients with partial epilepsy of uncertain focus. Journal of Magnetic Resonance Imaging, 2009, 30, 256-262.	1.9	69
70	Quality of life of caregivers of patients with intractable epilepsy. Epilepsia, 2009, 50, 1294-1296.	2.6	41
71	High frequency oscillations and seizure frequency in patients with focal epilepsy. Epilepsy Research, 2009, 85, 287-292.	0.8	46
72	Illusory shadow person causing paradoxical gaze deviations during temporal lobe seizures. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 686-688.	0.9	13

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73	Improving the identification of High Frequency Oscillations. <i>Clinical Neurophysiology</i> , 2009, 120, 1457-1464.	0.7	119
74	Detection of temporal lobe spikes: Comparing nasopharyngeal, cheek and anterior temporal electrodes to simultaneous subdural recordings. <i>Clinical Neurophysiology</i> , 2008, 119, 1771-1777.	0.7	11
75	Should we reconsider epilepsy surgery? The motivation of patients once rejected. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2008, 17, 374-377.	0.9	11
76	EEG-fMRI in the preoperative work-up for epilepsy surgery. <i>Brain</i> , 2007, 130, 2343-2353.	3.7	214
77	Modality-specific Spike Identification in Simultaneous Magnetoencephalography/Electroencephalography. <i>Journal of Clinical Neurophysiology</i> , 2002, 19, 183-191.	0.9	57
78	Heart Rate Changes and ECG Abnormalities During Epileptic Seizures: Prevalence and Definition of an Objective Clinical Sign. <i>Epilepsia</i> , 2002, 43, 847-854.	2.6	260