

Julia Jacobs

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,548
citations

279798

23
h-index

149698

56
g-index

58
all docs

58
docs citations

58
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	High-frequency electroencephalographic oscillations correlate with outcome of epilepsy surgery. <i>Annals of Neurology</i> , 2010, 67, 209-220.	5.3	645
2	Interictal high-frequency oscillations (80–500 Hz) are an indicator of seizure onset areas independent of spikes in the human epileptic brain. <i>Epilepsia</i> , 2008, 49, 1893-1907.	5.1	542
3	High frequency oscillations in intracranial EEGs mark epileptogenicity rather than lesion type. <i>Brain</i> , 2009, 132, 1022-1037.	7.6	367
4	High-frequency oscillations: The state of clinical research. <i>Epilepsia</i> , 2017, 58, 1316-1329.	5.1	260
5	Ictal and interictal high frequency oscillations in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2011, 122, 664-671.	1.5	158
6	Removing high-frequency oscillations. <i>Neurology</i> , 2018, 91, e1040-e1052.	1.1	158
7	High-frequency oscillations in epilepsy and surgical outcome. A meta-analysis. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 574.	2.0	134
8	High frequency oscillations (80–500 Hz) in the preictal period in patients with focal seizures. <i>Epilepsia</i> , 2009, 50, 1780-1792.	5.1	125
9	Differentiation of specific ripple patterns helps to identify epileptogenic areas for surgical procedures. <i>Clinical Neurophysiology</i> , 2014, 125, 1339-1345.	1.5	124
10	Ripples on rolandic spikes: A marker of epilepsy severity. <i>Epilepsia</i> , 2016, 57, 1179-1189.	5.1	97
11	Variability of the hemodynamic response as a function of age and frequency of epileptic discharge in children with epilepsy. <i>NeuroImage</i> , 2008, 40, 601-614.	4.2	93
12	High frequency oscillations mirror disease activity in patients with focal cortical dysplasia. <i>Epilepsia</i> , 2013, 54, 1428-1436.	5.1	68
13	The identification of distinct high-frequency oscillations during spikes delineates the seizure onset zone better than high-frequency spectral power changes. <i>Clinical Neurophysiology</i> , 2016, 127, 129-142.	1.5	57
14	Value of electrical stimulation and high frequency oscillations (80–500 Hz) in identifying epileptogenic areas during intracranial EEG recordings. <i>Epilepsia</i> , 2010, 51, 573-582.	5.1	53
15	Fast fMRI provides high statistical power in the analysis of epileptic networks. <i>NeuroImage</i> , 2014, 88, 282-294.	4.2	48
16	High frequency oscillations and seizure frequency in patients with focal epilepsy. <i>Epilepsy Research</i> , 2009, 85, 287-292.	1.6	46
17	Effects of cannabidiol on brivaracetam plasma levels. <i>Epilepsia</i> , 2019, 60, e74-e77.	5.1	45
18	Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: Country-, center-, and age-specific variation. <i>Epilepsia</i> , 2020, 61, 216-227.	5.1	44

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19	Interictal spikes with and without high-frequency oscillation have different single-neuron correlates. <i>Brain</i> , 2021, 144, 3078-3088.	7.6	30
20	HFO to Measure Seizure Propensity and Improve Prognostication in Patients With Epilepsy. <i>Epilepsy Currents</i> , 2020, 20, 338-347.	0.8	29
21	Scalp Ripples Can Predict Development of Epilepsy After First Unprovoked Seizure in Childhood. <i>Annals of Neurology</i> , 2021, 89, 134-142.	5.3	28
22	Cognitive and behavioral comorbidities in Rolandic epilepsy and their relation with default mode network's functional connectivity and organization. <i>Epilepsy and Behavior</i> , 2018, 78, 179-186.	1.7	27
23	Long-term seizure outcome in pediatric patients with focal cortical dysplasia undergoing tailored and standard surgical resections. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 62, 66-73.	2.0	27
24	Frequency domain beamforming of magnetoencephalographic beta band activity in epilepsy patients with focal cortical dysplasia. <i>Epilepsy Research</i> , 2014, 108, 1195-1203.	1.6	25
25	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.	1.7	22
26	Efficacy and Tolerance of Synthetic Cannabidiol for Treatment of Drug Resistant Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 1313.	2.4	22
27	Automatic detection of high-frequency-oscillations and their sub-groups co-occurring with interictal-epileptic-spikes. <i>Journal of Neural Engineering</i> , 2020, 17, 016030.	3.5	22
28	High-frequency oscillations mirror severity of human temporal lobe seizures. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2479-2488.	3.7	18
29	Refractory and lethal status epilepticus in a patient with ring chromosome 20 syndrome. <i>Epileptic Disorders</i> , 2008, 10, 254-259.	1.3	17
30	A single channel sleep-spindle detector based on multivariate classification of EEG epochs: MUSSDET. <i>Journal of Neuroscience Methods</i> , 2018, 297, 31-43.	2.5	16
31	Cannabidiol for Treatment of Childhood Epilepsy—A Cross-Sectional Survey. <i>Frontiers in Neurology</i> , 2018, 9, 731.	2.4	15
32	Respiratory-related brain pulsations are increased in epilepsy—a two-centre functional MRI study. <i>Brain Communications</i> , 2020, 2, fcaa076.	3.3	15
33	Concordance of Epileptic Networks Associated with Epileptic Spikes Measured by High-Density EEG and Fast fMRI. <i>PLoS ONE</i> , 2015, 10, e0140537.	2.5	15
34	Prescription patterns of antiseizure drugs in tuberous sclerosis complex (TSC)-associated epilepsy: a multicenter cohort study from Germany and review of the literature. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 749-760.	3.1	13
35	Direct and indirect costs and cost-driving factors of Tuberous sclerosis complex in children, adolescents, and caregivers: a multicenter cohort study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 282.	2.7	13
36	Efficacy, Retention and Tolerability of Everolimus in Patients with Tuberous Sclerosis Complex: A Survey-Based Study on Patients' Perspectives. <i>CNS Drugs</i> , 2021, 35, 1107-1122.	5.9	13

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37	Vitamin B6-Responsive Epilepsy due to a Novel KCNQ2 Mutation. <i>Neuropediatrics</i> , 2017, 48, 199-204.	0.6	12
38	Effect of Cannabidiol on Interictal Epileptiform Activity and Sleep Architecture in Children with Intractable Epilepsy: A Prospective Open-Label Study. <i>CNS Drugs</i> , 2021, 35, 1207-1215.	5.9	12
39	Electrical stimulation for cortical mapping reduces the density of high frequency oscillations. <i>Epilepsy Research</i> , 2014, 108, 1758-1769.	1.6	10
40	Health-related quality of life in children and adolescents with tuberous sclerosis complex and their caregivers: A multicentre cohort study from Germany. <i>European Journal of Paediatric Neurology</i> , 2021, 35, 111-122.	1.6	10
41	Interictal Fast Ripples Are Associated With the Seizure-Generating Lesion in Patients With Dual Pathology. <i>Frontiers in Neurology</i> , 2020, 11, 573975.	2.4	9
42	Pathways of seizure propagation from the temporal to the occipital lobe. <i>Epileptic Disorders</i> , 2008, 10, 266-270.	1.3	8
43	Marker-based ballistocardiographic artifact correction improves spike identification in EEG-fMRI of focal epilepsy patients. <i>Clinical Neurophysiology</i> , 2016, 127, 2802-2811.	1.5	7
44	Anxiety of families after first unprovoked or first febrile seizure – A prospective, randomized pilot study. <i>Epilepsy and Behavior</i> , 2021, 122, 108120.	1.7	7
45	Seizures in Preterm Infants. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 382-393.	1.7	6
46	In search of epileptic scalp high-frequency oscillations. <i>Clinical Neurophysiology</i> , 2019, 130, 1172-1174.	1.5	5
47	Telehealth for Children With Epilepsy Is Effective and Reduces Anxiety Independent of Healthcare Setting. <i>Frontiers in Pediatrics</i> , 2021, 9, 642381.	1.9	5
48	Increased interictal synchronicity of respiratory related brain pulsations in epilepsy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1840-1853.	4.3	5
49	Stable high frequency background EEG activity distinguishes epileptic from healthy brain regions. <i>Brain Communications</i> , 2020, 2, fcaa107.	3.3	4
50	Expectations and knowledge of cannabidiol therapy for childhood epilepsy – A German caregiver survey. <i>Epilepsy and Behavior</i> , 2020, 111, 107268.	1.7	4
51	Distinction of Physiologic and Epileptic Ripples: An Electrical Stimulation Study. <i>Brain Sciences</i> , 2021, 11, 538.	2.3	4
52	Networks in Posterior Cortex Epilepsies. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 325-334.	1.7	3
53	Detecting neonatal seizures: A challenge accepted!. <i>Clinical Neurophysiology</i> , 2014, 125, 1501-1503.	1.5	2
54	Topography-Related EEG-fMRI in Surgically Confirmed Epileptic Foci: A Comparison to Spike-Related EEG-fMRI in Clinical Practice. <i>Brain Topography</i> , 2021, 34, 373-383.	1.8	2

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55	Facilitation of drug-resistant epilepsy and catastrophic status epilepticus in children with combined pituitary hormone deficiency. <i>European Journal of Paediatric Neurology</i> , 2021, 33, 99-105.	1.6	1
56	Temporo-Frontal Coherences and High-Frequency iEEG Responses during Spatial Navigation in Patients with Drug-Resistant Epilepsy. <i>Brain Sciences</i> , 2021, 11, 162.	2.3	1
57	Maternal blood pressure levels prepartum correlate with neonatal birth weight in preeclampsia. <i>Journal of Perinatal Medicine</i> , 2019, 47, 894-896.	1.4	0
58	FV 269. Cannabidiol for Treatment of Childhood Epilepsyâ€”A Cross-Sectional Survey. , 2018, 49, .		0