

# Jurriaan M Peters

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

6,275  
citations

136950

32  
h-index

71685

76  
g-index

108  
all docs

108  
docs citations

108  
times ranked

6111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Intranasal midazolam versus intravenous/rectal benzodiazepines for acute seizure control in children: A systematic review and meta-analysis" <i>Epilepsy and Behavior</i> , 2022, 128, 108550.	1.7	7
2	Long-term cannabidiol treatment for seizures in patients with tuberous sclerosis complex: An open-label extension trial. <i>Epilepsia</i> , 2022, 63, 426-439.	5.1	39
3	Virtual implantation using conventional scalp EEG delineates seizure onset and predicts surgical outcome in children with epilepsy. <i>Clinical Neurophysiology</i> , 2022, 139, 49-57.	1.5	3
4	Reply to "Added value of high-resolution electrical source imaging of ictal activity in children with structural focal epilepsy" <i>Clinical Neurophysiology</i> , 2022, , .	1.5	0
5	A structural brain network of genetic vulnerability to psychiatric illness. <i>Molecular Psychiatry</i> , 2021, 26, 2089-2100.	7.9	27
6	A state-based approach to genomics for rare disease and population screening. <i>Genetics in Medicine</i> , 2021, 23, 777-781.	2.4	19
7	Infantile Hemiconvulsion-Hemiplegia and Epilepsy (IHHE) in a boy with tuberous sclerosis complex. <i>Epilepsy and Behavior Reports</i> , 2021, 16, 100473.	1.0	0
8	Hippocampal Involvement With Vigabatrin-Related MRI Signal Abnormalities in Patients With Infantile Spasms: A Novel Finding. <i>Journal of Child Neurology</i> , 2021, 36, 575-582.	1.4	1
9	Tuber Locations Associated with Infantile Spasms Map to a Common Brain Network. <i>Annals of Neurology</i> , 2021, 89, 726-739.	5.3	24
10	High-Density EEG in Current Clinical Practice and Opportunities for the Future. <i>Journal of Clinical Neurophysiology</i> , 2021, 38, 112-123.	1.7	20
11	Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex. <i>JAMA Neurology</i> , 2021, 78, 285.	9.0	139
12	Startle Epilepsy Triggered By Maternal Cough. <i>Neuropediatrics</i> , 2021, 52, 341-342.	0.6	0
13	Heterozygous ANKRD17 loss-of-function variants cause a syndrome with intellectual disability, speech delay, and dysmorphism. <i>American Journal of Human Genetics</i> , 2021, 108, 1138-1150.	6.2	17
14	Source imaging of seizure onset predicts surgical outcome in pediatric epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 1622-1635.	1.5	15
15	Convolutional neural networks to identify malformations of cortical development: A feasibility study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 81-90.	2.0	5
16	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. <i>Pediatric Neurology</i> , 2021, 123, 50-66.	2.1	230
17	Epilepsy Is Heterogeneous in Early-Life Tuberous Sclerosis Complex. <i>Pediatric Neurology</i> , 2021, 123, 1-9.	2.1	5
18	Update on Drug Management of Refractory Epilepsy in Tuberous Sclerosis Complex. <i>Paediatric Drugs</i> , 2020, 22, 73-84.	3.1	44

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19	EEG Spectral Features in Sleep of Autism Spectrum Disorders in Children with Tuberous Sclerosis Complex. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 916-923.	2.7	2
20	The Connectivity Fingerprint of the Fusiform Gyrus Captures the Risk of Developing Autism in Infants with Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , 2020, 30, 2199-2214.	2.9	11
21	Learning to Detect Brain Lesions from Noisy Annotations. , 2020, 2020, 1910-1914.		5
22	Pilot Study of Neurodevelopmental Impact of Early Epilepsy Surgery in Tuberous Sclerosis Complex. <i>Pediatric Neurology</i> , 2020, 109, 39-46.	2.1	23
23	Response: Letter to the Editor â€œScalp EEG spikes predict impending epilepsy in TSC infants: A longitudinal observational study. <i>Epilepsia</i> , 2020, 61, 824-824.	5.1	1
24	Defining the phenotype of <i>FHF1</i> developmental and epileptic encephalopathy. <i>Epilepsia</i> , 2020, 61, e71-e78.	5.1	11
25	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. <i>PLoS ONE</i> , 2020, 15, e0232376.	2.5	23
26	Clinical Reasoning: A 6-week-old infant with migrating focal seizures. <i>Neurology</i> , 2020, 94, 178-183.	1.1	0
27	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
28	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
29	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
30	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
31	Reproducibility of Structural and Diffusion Tensor Imaging in the TACERN Multi-Center Study. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 24.	2.1	32
32	Increased electroencephalography connectivity precedes epileptic spasm onset in infants with tuberous sclerosis complex. <i>Epilepsia</i> , 2019, 60, 1721-1732.	5.1	37
33	Restingâ€State fMRI Networks in Children with Tuberous Sclerosis Complex. <i>Journal of Neuroimaging</i> , 2019, 29, 750-759.	2.0	6
34	The Evolution of Subclinical Seizures in Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2019, 34, 770-777.	1.4	9
35	White matter mean diffusivity correlates with myelination in tuberous sclerosis complex. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1178-1190.	3.7	24
36	Scalp EEG spikes predict impending epilepsy in TSC infants: A longitudinal observational study. <i>Epilepsia</i> , 2019, 60, 2428-2436.	5.1	45

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37	Multi-Resolution Graph Based Volumetric Cortical Basis Functions From Local Anatomic Features. IEEE Transactions on Biomedical Engineering, 2019, 66, 3381-3392.	4.2	3
38	Recurrent SLC1A2 variants cause epilepsy via a dominant negative mechanism. Annals of Neurology, 2019, 85, 921-926.	5.3	23
39	Assessing the localization accuracy and clinical utility of electric and magnetic source imaging in children with epilepsy. Clinical Neurophysiology, 2019, 130, 491-504.	1.5	62
40	Impacting development in infants with tuberous sclerosis complex: Multidisciplinary research collaboration.. American Psychologist, 2019, 74, 356-367.	4.2	9
41	Early white matter development is abnormal in tuberous sclerosis complex patients who develop autism spectrum disorder. Journal of Neurodevelopmental Disorders, 2019, 11, 36.	3.1	32
42	Longitudinal Effects of Everolimus on White Matter Diffusion in Tuberous Sclerosis Complex. Pediatric Neurology, 2019, 90, 24-30.	2.1	21
43	Corpus Callosum White Matter Diffusivity Reflects Cumulative Neurological Comorbidity in Tuberous Sclerosis Complex. Cerebral Cortex, 2018, 28, 3665-3672.	2.9	25
44	Somatic <i>SLC35A2</i> variants in the brain are associated with intractable neocortical epilepsy. Annals of Neurology, 2018, 83, 1133-1146.	5.3	95
45	Vigabatrin for Epileptic Spasms and Tonic Seizures in Tuberous Sclerosis Complex. Journal of Child Neurology, 2018, 33, 519-524.	1.4	24
46	Detailed Magnetic Resonance Imaging (MRI) Analysis in Infantile Spasms. Journal of Child Neurology, 2018, 33, 405-412.	1.4	17
47	Presurgical language fMRI: Clinical practices and patient outcomes in epilepsy surgical planning. Human Brain Mapping, 2018, 39, 2777-2785.	3.6	41
48	The effect of everolimus on renal angiomyolipoma in pediatric patients with tuberous sclerosis being treated for subependymal giant cell astrocytoma. Pediatric Nephrology, 2018, 33, 101-109.	1.7	37
49	Response to clobazam in continuous spike-wave during sleep. Developmental Medicine and Child Neurology, 2018, 60, 283-289.	2.1	12
50	High vigabatrin dosage is associated with lower risk of infantile spasms relapse among children with tuberous sclerosis complex. Epilepsy Research, 2018, 148, 1-7.	1.6	25
51	Presurgical language fMRI: Technical practices in epilepsy surgical planning. Human Brain Mapping, 2018, 39, 4032-4042.	3.6	38
52	Surgical resection of ripple onset predicts outcome in pediatric epilepsy. Annals of Neurology, 2018, 84, 331-346.	5.3	51
53	Reduced thalamic volume in patients with Electrical Status Epilepticus in Sleep. Epilepsy Research, 2017, 130, 74-80.	1.6	20
54	Neurocutaneous Disorders in Children. Pediatrics in Review, 2017, 38, 119-128.	0.4	17

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55	Systemic Manifestations in Pyridox(am)ine 5â€²-Phosphate Oxidase Deficiency. <i>Pediatric Neurology</i> , 2017, 76, 47-53.	2.1	15
56	Technological advances in pediatric epilepsy surgery: implications for tuberous sclerosis complex. <i>Future Neurology</i> , 2017, 12, 101-115.	0.5	2
57	Presentation and Diagnosis of Tuberous Sclerosis Complex in Infants. <i>Pediatrics</i> , 2017, 140, .	2.1	90
58	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. <i>Pediatric Neurology</i> , 2016, 60, 1-12.	2.1	43
59	A pediatric epilepsy diagnostic tool for use in resource-limited settings: A pilot study. <i>Epilepsy and Behavior</i> , 2016, 59, 57-61.	1.7	6
60	SCN2A-Related Early-Onset Epileptic Encephalopathy Responsive to Phenobarbital. <i>Journal of Pediatric Epilepsy</i> , 2016, 05, 042-046.	0.2	4
61	De novo <i>FGF12</i> mutation in 2 patients with neonatal-onset epilepsy. <i>Neurology: Genetics</i> , 2016, 2, e120.	1.9	29
62	Extensions to a manifold learning framework for time-series analysis on dynamic manifolds in bioelectric signals. <i>Physical Review E</i> , 2016, 93, 042218.	2.1	23
63	Clinical Electroencephalographic Biomarker for Impending Epilepsy in Asymptomatic Tuberous Sclerosis Complex Infants. <i>Pediatric Neurology</i> , 2016, 54, 29-34.	2.1	93
64	Altered Structural Brain Networks in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , 2016, 26, 2046-2058.	2.9	36
65	Long-Term Use of Everolimus in Patients with Tuberous Sclerosis Complex: Final Results from the EXIST-1 Study. <i>PLoS ONE</i> , 2016, 11, e0158476.	2.5	146
66	Improved fidelity of brain microstructure mapping from single-shell diffusion MRI. <i>Medical Image Analysis</i> , 2015, 26, 268-286.	11.6	15
67	Tuberous Sclerosis: A New Frontier in Targeted Treatment of Autism. <i>Neurotherapeutics</i> , 2015, 12, 572-583.	4.4	47
68	Teaching Video Neuro <i>Images</i> : Nonepileptic myoclonus in a neonate following severe hypoxic-ischemic injury. <i>Neurology</i> , 2015, 84, e90.	1.1	2
69	Tubers are neither static nor discrete. <i>Neurology</i> , 2015, 85, 1536-1545.	1.1	28
70	MR Microscopy for 3D Identification of Cortical Tubers, White Matter â€œMicrotubersâ€ and Radial Migration Lines in Ex Vivo Pediatric TSC with Epilepsy. <i>FASEB Journal</i> , 2015, 29, .	0.5	0
71	Everolimus for subependymal giant cell astrocytoma in patients with tuberous sclerosis complex: 2-year open-label extension of the randomised EXIST-1 study. <i>Lancet Oncology</i> , The, 2014, 15, 1513-1520.	10.7	152
72	Insult to injury: Transient encephalopathy in a brainâ€injured adolescent. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 411-414.	0.8	1

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73	Localization of Sleep Spindles, K-Complexes, and Vertex Waves With Subdural Electrodes in Children. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 367-374.	1.7	8
74	Clobazam: Effect on Frequency of Seizures and Safety Profile in Different Subgroups of Children With Epilepsy. <i>Pediatric Neurology</i> , 2014, 51, 60-66.	2.1	18
75	Clinical value of magnetoencephalographic spike propagation represented by spatiotemporal source analysis: Correlation with surgical outcome. <i>Epilepsy Research</i> , 2014, 108, 280-288.	1.6	22
76	A Mathematical Framework for the Registration and Analysis of Multi-Fascicle Models for Population Studies of the Brain Microstructure. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 504-517.	8.9	33
77	The effect of everolimus on renal angiomyolipoma in patients with tuberous sclerosis complex being treated for subependymal giant cell astrocytoma: subgroup results from the randomized, placebo-controlled, Phase 3 trial EXIST-1. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1203-1210.	0.7	79
78	Safety and retention rate of rufinamide in 300 patients: A single pediatric epilepsy center experience. <i>Epilepsia</i> , 2014, 55, 1235-1244.	5.1	21
79	Treatment for continuous spikes and waves during sleep (CSWS): Survey on treatment choices in North America. <i>Epilepsia</i> , 2014, 55, 1099-1108.	5.1	33
80	A Fully Bayesian Inference Framework for Population Studies of the Brain Microstructure. <i>Lecture Notes in Computer Science</i> , 2014, 17, 25-32.	1.3	4
81	Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. <i>BMC Medicine</i> , 2013, 11, 54.	5.5	149
82	Tuberous Sclerosis Complex Diagnostic Criteria Update: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 243-254.	2.1	1,185
83	Tuberous Sclerosis Complex Surveillance and Management: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 255-265.	2.1	693
84	Efficacy and safety of everolimus for subependymal giant cell astrocytomas associated with tuberous sclerosis complex (EXIST-1): a multicentre, randomised, placebo-controlled phase 3 trial. <i>Lancet</i> , The, 2013, 381, 125-132.	13.7	687
85	The tower of Babel: Survey on concepts and terminology in electrical status epilepticus in sleep and continuous spikes and waves during sleep in North America. <i>Epilepsia</i> , 2013, 54, 741-750.	5.1	93
86	A Magnetic Resonance Imaging Study of Cerebellar Volume in Tuberous Sclerosis Complex. <i>Pediatric Neurology</i> , 2013, 48, 105-110.	2.1	25
87	Automated quantification of spikes. <i>Epilepsy and Behavior</i> , 2013, 26, 143-152.	1.7	29
88	Diffusion tensor imaging and related techniques in tuberous sclerosis complex: review and future directions. <i>Future Neurology</i> , 2013, 8, 583-597.	0.5	40
89	Impaired Language Pathways in Tuberous Sclerosis Complex Patients with Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2013, 23, 1526-1532.	2.9	72
90	Patients With Electrical Status Epilepticus in Sleep Share Similar Clinical Features Regardless of Their Focal or Generalized Sleep Potentiation of Epileptiform Activity. <i>Journal of Child Neurology</i> , 2013, 28, 83-89.	1.4	18

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91	Whole brain group network analysis using network bias and variance parameters. , 2012, 2012, 1511-1514.		1
92	Good Outcome With Early Empiric Treatment of Neural Larva Migrans Due to <i>Baylisascaris procyonis</i> . <i>Pediatrics</i> , 2012, 129, e806-e811.	2.1	20
93	Short-Term Response of Sleep-Potentiated Spiking to High-Dose Diazepam in Electric Status Epilepticus During Sleep. <i>Pediatric Neurology</i> , 2012, 46, 312-318.	2.1	25
94	Loss of White Matter Microstructural Integrity Is Associated with Adverse Neurological Outcome in Tuberous Sclerosis Complex. <i>Academic Radiology</i> , 2012, 19, 17-25.	2.5	111
95	Behavioral measures and EEG monitoring using the Brain Symmetry Index during the Wada test in children. <i>Epilepsy and Behavior</i> , 2012, 23, 247-253.	1.7	7
96	Electrical Status Epilepticus in Sleep: Clinical Presentation and Pathophysiology. <i>Pediatric Neurology</i> , 2012, 47, 390-410.	2.1	259
97	Spinal cord involvement in a child with raccoon roundworm ( <i>Baylisascaris procyonis</i> ) meningoencephalitis. <i>Pediatric Radiology</i> , 2012, 42, 369-373.	2.0	16
98	Clinical staging and electroencephalographic evolution of continuous spikes and waves during sleep. <i>Epilepsia</i> , 2012, 53, 1185-1195.	5.1	60
99	Registration and Analysis of White Matter Group Differences with a Multi-fiber Model. <i>Lecture Notes in Computer Science</i> , 2012, 15, 313-320.	1.3	12
100	Continuous Spike and Waves During Sleep and Electrical Status Epilepticus in Sleep. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 154-164.	1.7	87
101	High-dose intravenous levetiracetam for acute seizure exacerbation in children with intractable epilepsy. <i>Epilepsia</i> , 2010, 51, 1319-1322.	5.1	27
102	Rapid resolution of diffusion weighted MRI abnormality in a patient with a stuttering stroke. <i>BMJ Case Reports</i> , 2010, 2010, bcr0720092063-bcr0720092063.	0.5	5
103	A brain symmetry index (BSI) for online EEG monitoring in carotid endarterectomy. <i>Clinical Neurophysiology</i> , 2004, 115, 1189-1194.	1.5	91
104	Event-Related Correlations in Learning Impaired Children during a Hybrid Go/No-Go Choice Reaction Visual-Motor Task. <i>Clinical EEG (electroencephalography)</i> , 2003, 34, 99-109.	0.9	2
105	Dystonia with motor delay in compound heterozygotes for GTP-cyclohydrolase I gene mutations. <i>Annals of Neurology</i> , 1998, 44, 10-16.	5.3	234
106	Hypochondroplasia and epilepsy: the neurological spectrum of FGFR3 mutations. <i>Journal of International Child Neurology Association</i> , 0, , .	0.0	1