

Xavier P De TiÃge

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,227
citations

136740

32
h-index

214527

47
g-index

120
all docs

120
docs citations

120
times ranked

3614
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing spino-cortical proprioceptive processing in childhood unilateral cerebral palsy with corticokinematic coherence. <i>Neurophysiologie Clinique</i> , 2022, 52, 33-43.	1.0	3
2	Atypical resting-state functional brain connectivity in children with developmental coordination disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102928.	1.4	3
3	Case Report: Interest of Positron Emission Tomography in Pediatric Small Vessel Primary Angiitis of the Central Nervous System. <i>Frontiers in Pediatrics</i> , 2022, 10, 794294.	0.9	0
4	The role of reading experience in atypical cortical tracking of speech and speech-in-noise in dyslexia. <i>NeuroImage</i> , 2022, 253, 119061.	2.1	9
5	The EEG score is diagnostic of continuous spike and waves during sleep (CSWS) syndrome. <i>Clinical Neurophysiology</i> , 2022, 138, 132-133.	0.7	1
6	On-Scalp Optically Pumped Magnetometers versus Cryogenic Magnetoencephalography for Diagnostic Evaluation of Epilepsy in School-aged Children. <i>Radiology</i> , 2022, 304, 429-434.	3.6	54
7	The role of hippocampal theta oscillations in working memory impairment in multiple sclerosis. <i>Human Brain Mapping</i> , 2021, 42, 1376-1390.	1.9	14
8	A qualitative awake EEG score for the diagnosis of continuous spike and waves during sleep (CSWS) syndrome in self-limited focal epilepsy (SFE): A case-control study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 84, 34-39.	0.9	11
9	Hand Dexterity and Pyramidal Dysfunction in Friedreich Ataxia, A Finger Tapping Study. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 85-91.	0.8	4
10	Brain dysconnectivity relates to disability and cognitive impairment in multiple sclerosis. <i>Human Brain Mapping</i> , 2021, 42, 626-643.	1.9	29
11	Automatic Processing of Numerosity in Human Neocortex Evidenced by Occipital and Parietal Neuromagnetic Responses. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab028.	0.7	4
12	Structural and metabolic brain abnormalities in COVID-19 patients with sudden loss of smell. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1890-1901.	3.3	46
13	Increased brain atrophy and lesion load is associated with stronger lower alpha MEG power in multiple sclerosis patients. <i>NeuroImage: Clinical</i> , 2021, 30, 102632.	1.4	6
14	Measuring the cortical tracking of speech with optically-pumped magnetometers. <i>NeuroImage</i> , 2021, 233, 117969.	2.1	22
15	Pneumatic artificial muscle-based stimulator for passive functional magnetic resonance imaging sensorimotor mapping in patients with brain tumours. <i>Journal of Neuroscience Methods</i> , 2021, 359, 109227.	1.3	3
16	Decreased Alpha Peak Frequency Is Linked to Episodic Memory Impairment in Pathological Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 711375.	1.7	4
17	Age of onset modulates resting-state brain network dynamics in Friedreich Ataxia. <i>Human Brain Mapping</i> , 2021, 42, 5334-5344.	1.9	8
18	Resting-state functional brain connectivity is related to subsequent procedural learning skills in school-aged children. <i>NeuroImage</i> , 2021, 240, 118368.	2.1	10

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19	Inaccurate cortical tracking of speech in adults with impaired speech perception in noise. <i>Brain Communications</i> , 2021, 3, fcab186.	1.5	7
20	Mu rhythm: State of the art with special focus on cerebral palsy. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 439-446.	1.1	19
21	MEG and high-density EEG resting-state networks mapping in children. <i>Clinical Neurophysiology</i> , 2020, 131, 2713-2715.	0.7	5
22	Cortical tracking of speech in noise accounts for reading strategies in children. <i>PLoS Biology</i> , 2020, 18, e3000840.	2.6	23
23	Novel homozygous variant of carbonic anhydrase 8 gene expanding the phenotype of cerebellar ataxia, mental retardation, and disequilibrium syndrome subtype 3. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 2685-2693.	0.7	1
24	Cerebellar cognitive disorder parallels cerebellar motor symptoms in Friedreich ataxia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1050-1054.	1.7	32
25	Early postmortem brain MRI findings in COVID-19 non-survivors. <i>Neurology</i> , 2020, 95, e2016-e2027.	1.5	212
26	Frequency-Dependent Intrinsic Electrophysiological Functional Architecture of the Human Verbal Language Network. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 27.	1.0	3
27	The power of children's sleep - Improved declarative memory consolidation in children compared with adults. <i>Scientific Reports</i> , 2020, 10, 9979.	1.6	17
28	Spatiotemporal and spectral dynamics of multi-item working memory as revealed by the n-back task using MEG. <i>Human Brain Mapping</i> , 2020, 41, 2431-2446.	1.9	30
29	Age of onset determines intrinsic functional brain architecture in Friedreich ataxia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 94-104.	1.7	21
30	Tracking the Effects of Top-Down Attention on Word Discrimination Using Frequency-tagged Neuromagnetic Responses. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 877-888.	1.1	4
31	Neocortical activity tracks the hierarchical linguistic structures of self-produced speech during reading aloud. <i>NeuroImage</i> , 2020, 216, 116788.	2.1	16
32	Sensorimotor Mapping With MEG: An Update on the Current State of Clinical Research and Practice With Considerations for Clinical Practice Guidelines. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 564-573.	0.9	11
33	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0
34	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0
35	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0
36	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0

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37	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0
38	Cortical tracking of speech in noise accounts for reading strategies in children. , 2020, 18, e3000840.		0
39	Presurgical Functional Cortical Mapping Using Electromagnetic Source Imaging. <i>Frontiers in Neurology</i> , 2019, 10, 628.	1.1	14
40	Altered transient brain dynamics in multiple sclerosis: Treatment or pathology?. <i>Human Brain Mapping</i> , 2019, 40, 4789-4800.	1.9	41
41	Coupling between human brain activity and body movements: Insights from non-invasive electromagnetic recordings. <i>NeuroImage</i> , 2019, 203, 116177.	2.1	62
42	Altered neocortical tactile but preserved auditory early change detection responses in Friedreich ataxia. <i>Clinical Neurophysiology</i> , 2019, 130, 1299-1310.	0.7	13
43	Do the posterior midline cortices belong to the electrophysiological default-mode network?. <i>NeuroImage</i> , 2019, 200, 221-230.	2.1	26
44	Synchrony, metastability, dynamic integration, and competition in the spontaneous functional connectivity of the human brain. <i>NeuroImage</i> , 2019, 199, 313-324.	2.1	45
45	Cortical Tracking of Speech-in-Noise Develops from Childhood to Adulthood. <i>Journal of Neuroscience</i> , 2019, 39, 2938-2950.	1.7	49
46	Evidence for genetically determined degeneration of proprioceptive tracts in Friedreich ataxia. <i>Neurology</i> , 2019, 93, e116-e124.	1.5	30
47	Comparing the potential of MEG and EEG to uncover brain tracking of speech temporal envelope. <i>NeuroImage</i> , 2019, 184, 201-213.	2.1	46
48	MRI-compatible pneumatic stimulator for sensorimotor mapping. <i>Journal of Neuroscience Methods</i> , 2019, 313, 29-36.	1.3	11
49	Facing the hidden wall in mesial extratemporal lobe epilepsy. <i>Epileptic Disorders</i> , 2018, 20, 1-12.	0.7	5
50	The consonant/vowel pattern determines the structure of orthographic representations in the left fusiform gyrus. <i>Cortex</i> , 2018, 101, 73-86.	1.1	7
51	Presurgical electromagnetic functional brain mapping in refractory focal epilepsy. <i>Zeitschrift Fur Epileptologie</i> , 2018, 31, 203-212.	0.2	2
52	Neurometabolic Resting-State Networks Derived from Seed-Based Functional Connectivity Analysis. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1642-1643.	2.8	9
53	Lack of frequency-tagged magnetic responses suggests statistical regularities remain undetected during NREM sleep. <i>Scientific Reports</i> , 2018, 8, 11719.	1.6	15
54	Clinical practice guidelines or clinical research guidelines?. <i>Clinical Neurophysiology</i> , 2018, 129, 2054-2055.	0.7	4

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55	Resting-state Functional Connectivity is an Age-dependent Predictor of Motor Learning Abilities. <i>Cerebral Cortex</i> , 2017, 27, 4923-4932.	1.6	27
56	Current clinical magnetoencephalography practice across Europe: Are we closer to use MEG as an established clinical tool?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 50, 53-59.	0.9	44
57	Acquired epileptic opercular syndrome related to a heterozygous deleterious substitution in <i>GRIN2A</i> . <i>Epileptic Disorders</i> , 2017, 19, 345-350.	0.7	4
58	Neural correlates of correct and failed response inhibition in heavy versus light social drinkers: an fMRI study during a go/no-go task by healthy participants. <i>Brain Imaging and Behavior</i> , 2017, 11, 1796-1811.	1.1	22
59	Auditory Magnetoencephalographic Frequency-Tagged Responses Mirror the Ongoing Segmentation Processes Underlying Statistical Learning. <i>Brain Topography</i> , 2017, 30, 220-232.	0.8	29
60	Age-related differences in practice-dependent resting-state functional connectivity related to motor sequence learning. <i>Human Brain Mapping</i> , 2017, 38, 923-937.	1.9	42
61	Multilevel Cortical Processing of Somatosensory Novelty: A Magnetoencephalography Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 259.	1.0	24
62	No evidence of thalamic metabolic abnormality associated with continuous spike-and-wave during sleep. <i>Epilepsia</i> , 2016, 57, 1007-1008.	2.6	2
63	Functional integration changes in regional brain glucose metabolism from childhood to adulthood. <i>Human Brain Mapping</i> , 2016, 37, 3017-3030.	1.9	21
64	Sleep in children triggers rapid reorganization of memory-related brain processes. <i>NeuroImage</i> , 2016, 134, 213-222.	2.1	36
65	Left Superior Temporal Gyrus Is Coupled to Attended Speech in a Cocktail-Party Auditory Scene. <i>Journal of Neuroscience</i> , 2016, 36, 1596-1606.	1.7	99
66	A geometric correction scheme for spatial leakage effects in <i>MEG/EEG</i> seed-based functional connectivity mapping. <i>Human Brain Mapping</i> , 2015, 36, 4604-4621.	1.9	98
67	Phasic stabilization of motor output after auditory and visual distractors. <i>Human Brain Mapping</i> , 2015, 36, 5168-5182.	1.9	15
68	Impaired sleep-related consolidation of declarative memories in idiopathic focal epilepsies of childhood. <i>Epilepsy and Behavior</i> , 2015, 43, 16-23.	0.9	36
69	Cortico-kinematic coherence mainly reflects movement-induced proprioceptive feedback. <i>NeuroImage</i> , 2015, 106, 382-390.	2.1	74
70	Ageing reduces experience-induced sensorimotor plasticity. A magnetoencephalographic study. <i>NeuroImage</i> , 2015, 104, 59-68.	2.1	44
71	Cortical kinematic processing of executed and observed goal-directed hand actions. <i>NeuroImage</i> , 2015, 119, 221-228.	2.1	26
72	Investigating the Neural Correlates of the Stroop Effect with Magnetoencephalography. <i>Brain Topography</i> , 2015, 28, 95-103.	0.8	15

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73	Human primary motor cortex is both activated and stabilized during observation of other person's phasic motor actions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130171.	1.8	27
74	About the electrophysiological basis of resting state networks. <i>Clinical Neurophysiology</i> , 2014, 125, 1711-1713.	0.7	44
75	Inter- and Intra-Subject Variability of Neuromagnetic Resting State Networks. <i>Brain Topography</i> , 2014, 27, 620-634.	0.8	50
76	Clinical relevance of source location in frontal lobe epilepsy and prediction of postoperative long-term outcome. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 553-559.	0.9	46
77	Default mode network hypometabolism in epileptic encephalopathies with CSWS. <i>Epilepsy Research</i> , 2014, 108, 861-871.	0.8	16
78	Preserved Coupling between the Reader's Voice and the Listener's Cortical Activity in Autism Spectrum Disorders. <i>PLoS ONE</i> , 2014, 9, e92329.	1.1	11
79	The pace of prosodic phrasing couples the listener's cortex to the reader's voice. <i>Human Brain Mapping</i> , 2013, 34, 314-326.	1.9	117
80	BOLD response to deviant face detection informed by P300 event-related potential parameters: A simultaneous ERP&fMRI study. <i>NeuroImage</i> , 2013, 71, 92-103.	2.1	29
81	Language development at 2years is correlated to brain microstructure in the left superior temporal gyrus at term equivalent age: A diffusion tensor imaging study. <i>NeuroImage</i> , 2013, 78, 145-151.	2.1	51
82	Coherence between magnetoencephalography and hand-action-related acceleration, force, pressure, and electromyogram. <i>NeuroImage</i> , 2013, 72, 83-90.	2.1	55
83	Comprehensive Functional Mapping Scheme for Non-Invasive Primary Sensorimotor Cortex Mapping. <i>Brain Topography</i> , 2013, 26, 511-523.	0.8	29
84	Neurophysiological activity underlying altered brain metabolism in epileptic encephalopathies with CSWS. <i>Epilepsy Research</i> , 2013, 105, 316-325.	0.8	22
85	Primary motor cortex and cerebellum are coupled with the kinematics of observed hand movements. <i>NeuroImage</i> , 2013, 66, 500-507.	2.1	35
86	MEG Correlates of Learning Novel Objects Properties in Children. <i>PLoS ONE</i> , 2013, 8, e69696.	1.1	7
87	Increased Cortical Activity in Binge Drinkers during Working Memory Task: A Preliminary Assessment through a Functional Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2013, 8, e62260.	1.1	60
88	Changes in Functional Integration with the Non-Epileptic Temporal Lobe of Patients with Unilateral Mesiotemporal Epilepsy. <i>PLoS ONE</i> , 2013, 8, e67053.	1.1	10
89	Clinical added value of magnetic source imaging in the presurgical evaluation of refractory focal epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 417-423.	0.9	71
90	Neuronal network coherent with hand kinematics during fast repetitive hand movements. <i>NeuroImage</i> , 2012, 59, 1684-1691.	2.1	63

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91	Nonlinear microstructural changes in the right superior temporal sulcus and lateral occipitotemporal gyrus between 35 and 43weeks in the preterm brain. <i>NeuroImage</i> , 2012, 63, 104-110.	2.1	12
92	Spatiotemporal profiles of visual processing with and without primary visual cortex. <i>NeuroImage</i> , 2012, 63, 1464-1477.	2.1	12
93	Primary Angiitis of the Central Nervous System: Neurologic Deterioration Despite Treatment. <i>Pediatrics</i> , 2011, 127, e1086-e1090.	1.0	11
94	Functional motor-cortex mapping using corticokinematic coherence. <i>NeuroImage</i> , 2011, 55, 1475-1479.	2.1	81
95	Recording temporal lobe epileptic activity with MEG in a light-weight magnetic shield. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 414-418.	0.9	21
96	Supplementary motor cortex involvement in reading epilepsy revealed by magnetic source imaging. <i>Epilepsia</i> , 2011, 52, e31-e34.	2.6	11
97	Metabolic evidence for episodic memory plasticity in the nonepileptic temporal lobe of patients with mesial temporal epilepsy. <i>Epilepsia</i> , 2011, 52, 2003-2012.	2.6	16
98	External Globus Pallidus Stimulation Modulates Brain Connectivity in Huntington's Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 41-46.	2.4	45
99	Magnetoencephalography in epilepsy patients carrying a vagus nerve stimulator. <i>Epilepsy Research</i> , 2011, 93, 44-52.	0.8	35
100	Neuronal networks in children with continuous spikes and waves during slow sleep. <i>Brain</i> , 2011, 134, e177-e177.	3.7	6
101	Functional Motor Mapping Using Corticokinetic Coherence. <i>IFMBE Proceedings</i> , 2010, , 310-313.	0.2	0
102	Acquired cognitive dysfunction with focal sleep spiking activity. <i>Epilepsia</i> , 2009, 50, 29-32.	2.6	10
103	Insights into the pathophysiology of psychomotor regression in CSWS syndromes from FDGâ€PET and EEGâ€fMRI. <i>Epilepsia</i> , 2009, 50, 47-50.	2.6	34
104	INFLUENCE OF MOTOR FUNCTIONAL MAGNETIC RESONANCE IMAGING ON THE SURGICAL MANAGEMENT OF CHILDREN AND ADOLESCENTS WITH SYMPTOMATIC FOCAL EPILEPSY. <i>Neurosurgery</i> , 2009, 64, 856-864.	0.6	36
105	Recording epileptic activity with MEG in a light-weight magnetic shield. <i>Epilepsy Research</i> , 2008, 82, 227-231.	0.8	69
106	The spectrum of herpes simplex encephalitis in children. <i>European Journal of Paediatric Neurology</i> , 2008, 12, 72-81.	0.7	69
107	Metabolic evidence for remote inhibition in epilepsies with continuous spike-waves during sleep. <i>NeuroImage</i> , 2008, 40, 802-810.	2.1	69
108	Vagus Nerve Stimulation. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 375-377.	0.8	5

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109	EEG-fMRI in Children with Pharmacoresistant Focal Epilepsy. <i>Epilepsia</i> , 2007, 48, 385-389.	2.6	54
110	Herpes simplex encephalitis: diagnostic problems and late relapse. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 60.	1.1	30
111	Coexistence of Idiopathic Rolandic Epilepsy and CSWS in Two Families. <i>Epilepsia</i> , 2006, 47, 1723-1727.	2.6	35
112	Postinfectious immune-mediated encephalitis after pediatric herpes simplex encephalitis. <i>Brain and Development</i> , 2005, 27, 304-307.	0.6	47
113	Limits of Early Diagnosis of Herpes Simplex Encephalitis in Children: A Retrospective Study of 38 Cases. <i>Clinical Infectious Diseases</i> , 2003, 36, 1335-1339.	2.9	89