

Tom Eichele

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11799992/tom-eichele-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

7,425

citations

38

h-index

63

g-index

63

ext. papers

9,011

ext. citations

5.6

avg. IF

5.68

L-index

#	Paper	IF	Citations
62	No effect of electrical transcranial direct current stimulation adjunct treatment for epilepsy partialis continua in POLG disease. <i>Epilepsy and Behavior Reports</i> , 2019 , 12, 100339	1.3	4
61	Visual EEG reviewing times with SCORE EEG. <i>Clinical Neurophysiology Practice</i> , 2018 , 3, 59-64	3.8	6
60	Event-Related-Potential (ERP) Correlates of Performance Monitoring in Adults With Attention-Deficit Hyperactivity Disorder (ADHD). <i>Frontiers in Psychology</i> , 2018 , 9, 485	3.4	21
59	Standardized computer-based organized reporting of EEG: SCORE - Second version. <i>Clinical Neurophysiology</i> , 2017 , 128, 2334-2346	4.3	48
58	Understanding the Epilepsy in POLG Related Disease. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
57	Development of Performance and ERPs in a Flanker Task in Children and Adolescents with Tourette Syndrome-A Follow-Up Study. <i>Frontiers in Neuroscience</i> , 2017 , 11, 305	5.1	10
56	Presupplementary Motor Area Contributes to Altered Error Monitoring in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2016 , 80, 562-71	7.9	45
55	Combined variants in reading epilepsy; coexisting anterior and posterior variants camouflaged as heat cramps where the patient finds his own diagnosis searching the internet. <i>Epilepsy & Behavior Case Reports</i> , 2016 , 5, 75-7	1.2	
54	Reduced error signalling in medication-naïve children with ADHD: associations with behavioural variability and post-error adaptations. <i>Journal of Psychiatry and Neuroscience</i> , 2016 , 41, 77-87	4.5	18
53	Regularized Linear Discriminant Analysis of EEG Features in Dementia Patients. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 273	5.3	31
52	Performance Monitoring in Medication-Naïve Children with Tourette Syndrome. <i>Frontiers in Neuroscience</i> , 2016 , 10, 50	5.1	18
51	Acetylcholine mediates behavioral and neural post-error control. <i>Current Biology</i> , 2015 , 25, 1461-8	6.3	27
50	EEG Spectral Features Discriminate between Alzheimer's and Vascular Dementia. <i>Frontiers in Neurology</i> , 2015 , 6, 25	4.1	35
49	Tracking whole-brain connectivity dynamics in the resting state. <i>Cerebral Cortex</i> , 2014 , 24, 663-76	5.1	1572
48	Equity theory and fair inequality: a neuroeconomic study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15368-72	11.5	23
47	Functional parcellation of the inferior frontal and midcingulate cortices in a flanker-stop-change paradigm. <i>Human Brain Mapping</i> , 2013 , 34, 1501-14	5.9	14
46	The spatio-spectral characterization of brain networks: fusing concurrent EEG spectra and fMRI maps. <i>NeuroImage</i> , 2013 , 69, 101-11	7.9	45

45	The learning-oddball paradigm: data of 24 separate individuals illustrate its potential usefulness as a new clinical tool. <i>Clinical Neurophysiology</i> , 2013 , 124, 514-21	4.3	6
44	Decomposing the brain: components and modes, networks and nodes. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 255-6	14	31
43	Capturing inter-subject variability with group independent component analysis of fMRI data: a simulation study. <i>NeuroImage</i> , 2012 , 59, 4141-59	7.9	155
42	SimTB, a simulation toolbox for fMRI data under a model of spatiotemporal separability. <i>NeuroImage</i> , 2012 , 59, 4160-7	7.9	136
41	Modulations of functional connectivity in the healthy and schizophrenia groups during task and rest. <i>NeuroImage</i> , 2012 , 62, 1694-704	7.9	50
40	Methods for simultaneous EEG-fMRI: an introductory review. <i>Journal of Neuroscience</i> , 2012 , 32, 6053-60	6.6	189
39	Error-preceding brain activity reflects (mal-)adaptive adjustments of cognitive control: a modeling study. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 97	3.3	11
38	High classification accuracy for schizophrenia with rest and task FMRI data. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 145	3.3	78
37	Patients with Schizophrenia Fail to Up-Regulate Task-Positive and Down-Regulate Task-Negative Brain Networks: An fMRI Study Using an ICA Analysis Approach. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 149	3.3	34
36	Group Study of Simulated Driving fMRI Data by Multiset Canonical Correlation Analysis. <i>Journal of Signal Processing Systems</i> , 2012 , 68, 31-48	1.4	25
35	Visual activation of auditory cortex reflects maladaptive plasticity in cochlear implant users. <i>Brain</i> , 2012 , 135, 555-68	11.2	159
34	Cortico-striatal connectivity and cognition in normal aging: a combined DTI and resting state fMRI study. <i>NeuroImage</i> , 2011 , 55, 24-31	7.9	112
33	Effective connectivity analysis of fMRI and MEG data collected under identical paradigms. <i>Computers in Biology and Medicine</i> , 2011 , 41, 1156-65	7	24
32	Reciprocal relations between cognitive neuroscience and formal cognitive models: opposites attract?. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 272-9	14	107
31	A baseline for the multivariate comparison of resting-state networks. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 2	3.5	895
30	Lateral differences in the default mode network in healthy controls and patients with schizophrenia. <i>Human Brain Mapping</i> , 2011 , 32, 654-64	5.9	47
29	Analysis of multimodal neuroimaging data. <i>IEEE Reviews in Biomedical Engineering</i> , 2011 , 4, 26-58	6.4	98
28	Hierarchical and graphical analysis of fMRI network connectivity in healthy and schizophrenic groups 2011 ,		6

27	EEGIFT: group independent component analysis for event-related EEG data. <i>Computational Intelligence and Neuroscience</i> , 2011 , 2011, 129365	3	64
26	Automatic identification of functional clusters in fMRI data using spatial dependence. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58, 3406-17	5	85
25	Posterior medial frontal cortex activity predicts post-error adaptations in task-related visual and motor areas. <i>Journal of Neuroscience</i> , 2011 , 31, 1780-9	6.6	186
24	Neural correlates of trial-to-trial fluctuations in response caution. <i>Journal of Neuroscience</i> , 2011 , 31, 17488-95	6.95	129
23	Parallel independent component analysis using an optimized neurovascular coupling for concurrent EEG-fMRI sources. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 2542-5	0.9	2
22	Aberrant Processing of Deviant Stimuli in Schizophrenia Revealed by Fusion of fMRI and EEG Data. <i>Acta Neuropsychiatrica</i> , 2010 , 22, 127-138	3.9	45
21	Mal-adaptation of event-related EEG responses preceding performance errors. <i>Frontiers in Human Neuroscience</i> , 2010 , 4,	3.3	39
20	MEG and fMRI Fusion for Non-Linear Estimation of Neural and BOLD Signal Changes. <i>Frontiers in Neuroinformatics</i> , 2010 , 4, 114	3.9	19
19	Go/NoGo performance in boys with Tourette syndrome. <i>Child Neuropsychology</i> , 2010 , 16, 162-8	2.7	25
18	Neurophysiological evidence of impaired musical sound perception in cochlear-implant users. <i>Clinical Neurophysiology</i> , 2010 , 121, 2070-82	4.3	59
17	Multi-set canonical correlation analysis for the fusion of concurrent single trial ERP and functional MRI. <i>NeuroImage</i> , 2010 , 50, 1438-45	7.9	110
16	Subcortical functional connectivity and verbal episodic memory in healthy elderly--a resting state fMRI study. <i>NeuroImage</i> , 2010 , 52, 379-88	7.9	100
15	Reactivity of hemodynamic responses and functional connectivity to different states of alpha synchrony: a concurrent EEG-fMRI study. <i>NeuroImage</i> , 2010 , 52, 1252-60	7.9	95
14	Evaluation of evoked potentials to dyadic tones after cochlear implantation. <i>Brain</i> , 2009 , 132, 1967-79	11.2	51
13	Mining EEG-fMRI using independent component analysis. <i>International Journal of Psychophysiology</i> , 2009 , 73, 53-61	2.9	76
12	Semi-automatic identification of independent components representing EEG artifact. <i>Clinical Neurophysiology</i> , 2009 , 120, 868-77	4.3	245
11	Genetic determinants of target and novelty-related event-related potentials in the auditory oddball response. <i>NeuroImage</i> , 2009 , 46, 809-16	7.9	47
10	The effects of the glutamate antagonist memantine on brain activation to an auditory perception task. <i>Human Brain Mapping</i> , 2009 , 30, 3616-24	5.9	16

9	Functional brain networks in schizophrenia: a review. <i>Frontiers in Human Neuroscience</i> , 2009 , 3, 17	3.3	185
8	Unmixing concurrent EEG-fMRI with parallel independent component analysis. <i>International Journal of Psychophysiology</i> , 2008 , 67, 222-34	2.9	88
7	Joint independent component analysis for simultaneous EEG-fMRI: principle and simulation. <i>International Journal of Psychophysiology</i> , 2008 , 67, 212-21	2.9	96
6	Prediction of human errors by maladaptive changes in event-related brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 6173-8	11.5	354
5	Selective changes of resting-state networks in individuals at risk for Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18760-5	11.5	806
4	Tracking pattern learning with single-trial event-related potentials. <i>Clinical Neurophysiology</i> , 2006 , 117, 1957-73	4.3	49
3	Expectancy effects on omission evoked potentials in musicians and non-musicians. <i>Psychophysiology</i> , 2005 , 42, 191-201	4.1	44
2	Asymmetry of evoked potential latency to speech sounds predicts the ear advantage in dichotic listening. <i>Cognitive Brain Research</i> , 2005 , 24, 405-12		60
1	Assessing the spatiotemporal evolution of neuronal activation with single-trial event-related potentials and functional MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17798-803	11.5	251