

Jürgen Kayser

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

4,614
citations

109321

35
h-index

106344

65
g-index

74
all docs

74
docs citations

74
times ranked

4107
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic data-driven approach to analyze sensor-level <scp>EEG</scp> connectivity: Identifying robust phase-synchronized network components using surface Laplacian with spectral-spatial <scp>PCA</scp>. Psychophysiology, 2022, 59, e14080.	2.4	4
2	Dissociating disorders of depression, anxiety, and their comorbidity with measures of emotional processing: A joint analysis of visual brain potentials and auditory perceptual asymmetries. Biological Psychology, 2021, 160, 108040.	2.2	2
3	Resting posterior alpha power and adolescent major depressive disorder. Journal of Psychiatric Research, 2021, 141, 233-240.	3.1	11
4	Frontal theta and posterior alpha in resting EEG: A critical examination of convergent and discriminant validity. Psychophysiology, 2020, 57, e13483.	2.4	20
5	Behavioral measures of attention and cognitive control during a new auditory working memory paradigm. Behavior Research Methods, 2020, 52, 1161-1174.	4.0	2
6	Predicting Depression Symptoms in Families at Risk for Depression: Interrelations of Posterior EEG Alpha and Religion/Spirituality. Journal of Affective Disorders, 2020, 274, 969-976.	4.1	5
7	Understanding self-reported importance of religion/spirituality in a North American sample of individuals at risk for familial depression: A principal component analysis. PLoS ONE, 2019, 14, e0224141.	2.5	10
8	Family Risk for Depression and Prioritization of Religion or Spirituality: Early Neurophysiological Modulations of Motivated Attention. Frontiers in Human Neuroscience, 2019, 13, 436.	2.0	4
9	Current Understanding of Religion, Spirituality, and Their Neurobiological Correlates. Harvard Review of Psychiatry, 2019, 27, 303-316.	2.1	37
10	Resting EEG Measures of Brain Arousal in a Multisite Study of Major Depression. Clinical EEG and Neuroscience, 2019, 50, 3-12.	1.7	25
11	Pretreatment Rostral Anterior Cingulate Cortex Connectivity With Salience Network Predicts Depression Recovery: Findings From the EMBARC Randomized Clinical Trial. Biological Psychiatry, 2019, 85, 872-880.	1.3	48
12	Pretreatment Rostral Anterior Cingulate Cortex Theta Activity in Relation to Symptom Improvement in Depression. JAMA Psychiatry, 2018, 75, 547.	11.0	125
13	Temporal stability of posterior EEG alpha over twelve years. Clinical Neurophysiology, 2018, 129, 1410-1417.	1.5	24
14	Craig Emery Tenke, 1950-2017. Clinical Neurophysiology, 2018, 129, 2026-2028.	1.5	0
15	Association of posterior EEG alpha with prioritization of religion or spirituality: A replication and extension at 20-year follow-up. Biological Psychology, 2017, 124, 79-86.	2.2	49
16	Motivated attention and family risk for depression: Neuronal generator patterns at scalp elicited by lateralized aversive pictures reveal blunted emotional responsivity. Neurolmage: Clinical, 2017, 14, 692-707.	2.7	18
17	Stability of Cortical Thinning in Persons at Increased Familial Risk for Major Depressive Disorder Across 8 Years. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 619-625.	1.5	18
18	Neuroanatomical correlates of familial risk-for-depression and religiosity/spirituality.. Spirituality in Clinical Practice, 2017, 4, 32-42.	1.0	13

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19	Demonstrating test-retest reliability of electrophysiological measures for healthy adults in a multisite study of biomarkers of antidepressant treatment response. <i>Psychophysiology</i> , 2017, 54, 34-50.	2.4	46
20	Neuronal generator patterns at scalp elicited by lateralized aversive pictures reveal consecutive stages of motivated attention. <i>NeuroImage</i> , 2016, 142, 337-350.	4.2	21
21	Emotion recognition deficits as predictors of transition in individuals at clinical high risk for schizophrenia: a neurodevelopmental perspective. <i>Psychological Medicine</i> , 2015, 45, 2959-2973.	4.5	107
22	Hemifield-dependent N1 and event-related theta/delta oscillations: An unbiased comparison of surface Laplacian and common EEG reference choices. <i>International Journal of Psychophysiology</i> , 2015, 97, 258-270.	1.0	31
23	On the benefits of using surface Laplacian (current source density) methodology in electrophysiology. <i>International Journal of Psychophysiology</i> , 2015, 97, 171-173.	1.0	169
24	Surface Laplacians (SL) and phase properties of EEG rhythms: Simulated generators in a volume-conduction model. <i>International Journal of Psychophysiology</i> , 2015, 97, 285-298.	1.0	49
25	Issues and considerations for using the scalp surface Laplacian in EEG/ERP research: A tutorial review. <i>International Journal of Psychophysiology</i> , 2015, 97, 189-209.	1.0	187
26	Posterior EEG alpha at rest and during task performance: Comparison of current source density and field potential measures. <i>International Journal of Psychophysiology</i> , 2015, 97, 299-309.	1.0	39
27	Auditory event-related potentials and alpha oscillations in the psychosis prodrome: Neuronal generator patterns during a novelty oddball task. <i>International Journal of Psychophysiology</i> , 2014, 91, 104-120.	1.0	51
28	Identifying electrode bridging from electrical distance distributions: A survey of publicly-available EEG data using a new method. <i>Clinical Neurophysiology</i> , 2014, 125, 484-490.	1.5	57
29	Smell identification in individuals at clinical high risk for schizophrenia. <i>Psychiatry Research</i> , 2014, 220, 201-204.	3.3	15
30	Neuronal generators of posterior EEG alpha reflect individual differences in prioritizing personal spirituality. <i>Biological Psychology</i> , 2013, 94, 426-432.	2.2	34
31	Olfaction in the psychosis prodrome: Electrophysiological and behavioral measures of odor detection. <i>International Journal of Psychophysiology</i> , 2013, 90, 190-206.	1.0	25
32	Electrophysiological predictors of clinical response to antidepressants. , 2013, , 380-393.		4
33	A neurophysiological deficit in early visual processing in schizophrenia patients with auditory hallucinations. <i>Psychophysiology</i> , 2012, 49, 1168-1178.	2.4	24
34	Generator localization by current source density (CSD): Implications of volume conduction and field closure at intracranial and scalp resolutions. <i>Clinical Neurophysiology</i> , 2012, 123, 2328-2345.	1.5	240
35	Current Source Density Measures of Electroencephalographic Alpha Predict Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2011, 70, 388-394.	1.3	132
36	Heterogeneity of auditory verbal working memory in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2011, 120, 88-97.	1.9	27

#	ARTICLE	IF	CITATIONS
37	Event-Related Brain Potentials in Depression: Clinical, Cognitive, and Neurophysiological Implications. , 2011, , .		17
38	Novelty P3 reductions in depression: Characterization using principal components analysis (PCA) of current source density (CSD) waveforms. Psychophysiology, 2010, 47, 133-146.	2.4	60
39	Neuronal generator patterns of olfactory event-related brain potentials in schizophrenia. Psychophysiology, 2010, 47, no-no.	2.4	10
40	ERP Generator Patterns in Schizophrenia during Tonal and Phonetic Oddball Tasks: Effects of Response Hand and Silent Count. Clinical EEG and Neuroscience, 2010, 41, 184-195.	1.7	18
41	EEG Hemispheric Asymmetries during Cognitive Tasks in Depressed Patients with High versus Low Trait Anxiety. Clinical EEG and Neuroscience, 2010, 41, 196-202.	1.7	30
42	Current source density (CSD) old/new effects during recognition memory for words and faces in schizophrenia and in healthy adults. International Journal of Psychophysiology, 2010, 75, 194-210.	1.0	28
43	Reduced brain responses to novel sounds in depression: P3 findings in a novelty oddball task. Psychiatry Research, 2009, 170, 218-223.	3.3	82
44	Stimulus- and response-locked neuronal generator patterns of auditory and visual word recognition memory in schizophrenia. International Journal of Psychophysiology, 2009, 73, 186-206.	1.0	21
45	Hemispatial PCA dissociates temporal from parietal ERP generator patterns: CSD components in healthy adults and depressed patients during a dichotic oddball task. International Journal of Psychophysiology, 2008, 67, 1-16.	1.0	31
46	Reference-independent ERP old/new effects of auditory and visual word recognition memory: Joint extraction of stimulus- and response-locked neuronal generator patterns. Psychophysiology, 2007, 44, 949-967.	2.4	43
47	Principal components analysis of Laplacian waveforms as a generic method for identifying ERP generator patterns: II. Adequacy of low-density estimates. Clinical Neurophysiology, 2006, 117, 369-380.	1.5	232
48	Principal components analysis of Laplacian waveforms as a generic method for identifying ERP generator patterns: I. Evaluation with auditory oddball tasks. Clinical Neurophysiology, 2006, 117, 348-368.	1.5	547
49	Consensus on PCA for ERP data, and sensibility of unrestricted solutions. Clinical Neurophysiology, 2006, 117, 703-707.	1.5	32
50	ERP/CSD indices of impaired verbal working memory subprocesses in schizophrenia. Psychophysiology, 2006, 43, 237-252.	2.4	33
51	Reference-free quantification of EEG spectra: Combining current source density (CSD) and frequency principal components analysis (fPCA). Clinical Neurophysiology, 2005, 116, 2826-2846.	1.5	159
52	Event-related brain potentials during auditory and visual word recognition memory tasks. Cognitive Brain Research, 2003, 16, 11-25.	3.0	40
53	Optimizing PCA methodology for ERP component identification and measurement: theoretical rationale and empirical evaluation. Clinical Neurophysiology, 2003, 114, 2307-2325.	1.5	243
54	Evaluating the quality of ERP measures across recording systems: a commentary on Debener et al. (2002). International Journal of Psychophysiology, 2003, 48, 315.	1.0	4

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55	Cognitive ERPs in Depressive and Anxiety Disorders during Tonal and Phonetic Oddball Tasks. Clinical EEG (electroencephalography), 2002, 33, 119-124.	0.9	57
56	A convenient method for detecting electrolyte bridges in multichannel electroencephalogram and event-related potential recordings. Clinical Neurophysiology, 2001, 112, 545-550.	1.5	60
57	Event-related brain potentials (ERPs) in schizophrenia for tonal and phonetic oddball tasks. Biological Psychiatry, 2001, 49, 832-847.	1.3	59
58	Event-related potentials in schizophrenia during tonal and phonetic oddball tasks: relations to diagnostic subtype, symptom features and verbal memory. Biological Psychiatry, 2001, 50, 447-452.	1.3	40
59	Is Resting Anterior EEG Alpha Asymmetry a Trait Marker for Depression?. Neuropsychobiology, 2000, 41, 31-37.	1.9	310
60	Event-related potentials (ERPs) to hemifield presentations of emotional stimuli: differences between depressed patients and healthy adults in P3 amplitude and asymmetry. International Journal of Psychophysiology, 2000, 36, 211-236.	1.0	160
61	On the Reliability of Augmenting/Reducing. Journal of Psychophysiology, 2000, 14, 226-240.	0.7	65
62	Brain event-related potentials (ERPs) in schizophrenia during a word recognition memory task. International Journal of Psychophysiology, 1999, 34, 249-265.	1.0	43
63	Left Temporal Lobe Dysfunction in Schizophrenia. Archives of General Psychiatry, 1999, 56, 267.	12.3	95
64	Methodological Concerns about an ERP Study of Emotional Responsivity: A Commentary on CarretiÄ© et al.. Journal of Psychophysiology, 1999, 13, 190-191.	0.7	4
65	Response- and stimulus-related ERP asymmetries in a tonal oddball task: a Laplacian analysis. Brain Topography, 1998, 10, 201-210.	1.8	41
66	Dissociation of brain ERP topographies for tonal and phonetic oddball tasks. Psychophysiology, 1998, 35, 576-590.	2.4	62
67	The time course of visuospatial processing deficits in schizophrenia: An event-related brain potential study.. Journal of Abnormal Psychology, 1998, 107, 399-411.	1.9	47
68	Event-related potential (ERP) asymmetries to emotional stimuli in a visual half-field paradigm. Psychophysiology, 1997, 34, 414-426.	2.4	116