

Jürgen Kayser

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

4,614
citations

109137

35
h-index

106150

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>. <i>Psychophysiology</i> , 2022, 59, e14080. | 1.2 | 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. <i>Biological Psychology</i> , 2021, 160, 108040. | 1.1 | 2 |
| 3 | Resting posterior alpha power and adolescent major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 141, 233-240. | 1.5 | 11 |
| 4 | Frontal theta and posterior alpha in resting EEG: A critical examination of convergent and discriminant validity. <i>Psychophysiology</i> , 2020, 57, e13483. | 1.2 | 20 |
| 5 | Behavioral measures of attention and cognitive control during a new auditory working memory paradigm. <i>Behavior Research Methods</i> , 2020, 52, 1161-1174. | 2.3 | 2 |
| 6 | Predicting Depression Symptoms in Families at Risk for Depression: Interrelations of Posterior EEG Alpha and Religion/Spirituality. <i>Journal of Affective Disorders</i> , 2020, 274, 969-976. | 2.0 | 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. <i>PLoS ONE</i> , 2019, 14, e0224141. | 1.1 | 10 |
| 8 | Family Risk for Depression and Prioritization of Religion or Spirituality: Early Neurophysiological Modulations of Motivated Attention. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 436. | 1.0 | 4 |
| 9 | Current Understanding of Religion, Spirituality, and Their Neurobiological Correlates. <i>Harvard Review of Psychiatry</i> , 2019, 27, 303-316. | 0.9 | 37 |
| 10 | Resting EEG Measures of Brain Arousal in a Multisite Study of Major Depression. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 3-12. | 0.9 | 25 |
| 11 | Pretreatment Rostral Anterior Cingulate Cortex Connectivity With Salience Network Predicts Depression Recovery: Findings From the EMBARC Randomized Clinical Trial. <i>Biological Psychiatry</i> , 2019, 85, 872-880. | 0.7 | 48 |
| 12 | Pretreatment Rostral Anterior Cingulate Cortex Theta Activity in Relation to Symptom Improvement in Depression. <i>JAMA Psychiatry</i> , 2018, 75, 547. | 6.0 | 125 |
| 13 | Temporal stability of posterior EEG alpha over twelve years. <i>Clinical Neurophysiology</i> , 2018, 129, 1410-1417. | 0.7 | 24 |
| 14 | Craig Emery Tenke, 1950-2017. <i>Clinical Neurophysiology</i> , 2018, 129, 2026-2028. | 0.7 | 0 |
| 15 | Association of posterior EEG alpha with prioritization of religion or spirituality: A replication and extension at 20-year follow-up. <i>Biological Psychology</i> , 2017, 124, 79-86. | 1.1 | 49 |
| 16 | Motivated attention and family risk for depression: Neuronal generator patterns at scalp elicited by lateralized aversive pictures reveal blunted emotional responsivity. <i>NeuroImage: Clinical</i> , 2017, 14, 692-707. | 1.4 | 18 |
| 17 | Stability of Cortical Thinning in Persons at Increased Familial Risk for Major Depressive Disorder Across 8 Years. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 619-625. | 1.1 | 18 |
| 18 | Neuroanatomical correlates of familial risk-for-depression and religiosity/spirituality.. <i>Spirituality in Clinical Practice</i> , 2017, 4, 32-42. | 0.5 | 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. | 1.2 | 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. | 2.1 | 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. | 2.7 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.7 | 57 |
| 29 | Smell identification in individuals at clinical high risk for schizophrenia. <i>Psychiatry Research</i> , 2014, 220, 201-204. | 1.7 | 15 |
| 30 | Neuronal generators of posterior EEG alpha reflect individual differences in prioritizing personal spirituality. <i>Biological Psychology</i> , 2013, 94, 426-432. | 1.1 | 34 |
| 31 | Olfaction in the psychosis prodrome: Electrophysiological and behavioral measures of odor detection. <i>International Journal of Psychophysiology</i> , 2013, 90, 190-206. | 0.5 | 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. | 1.2 | 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. | 0.7 | 240 |
| 35 | Current Source Density Measures of Electroencephalographic Alpha Predict Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2011, 70, 388-394. | 0.7 | 132 |
| 36 | Heterogeneity of auditory verbal working memory in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2011, 120, 88-97. | 2.0 | 27 |

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|----|---|-----|-----------|
| 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. <i>Psychophysiology</i> , 2010, 47, 133-146. | 1.2 | 60 |
| 39 | Neuronal generator patterns of olfactory event-related brain potentials in schizophrenia. <i>Psychophysiology</i> , 2010, 47, no-no. | 1.2 | 10 |
| 40 | ERP Generator Patterns in Schizophrenia during Tonal and Phonetic Oddball Tasks: Effects of Response Hand and Silent Count. <i>Clinical EEG and Neuroscience</i> , 2010, 41, 184-195. | 0.9 | 18 |
| 41 | EEG Hemispheric Asymmetries during Cognitive Tasks in Depressed Patients with High versus Low Trait Anxiety. <i>Clinical EEG and Neuroscience</i> , 2010, 41, 196-202. | 0.9 | 30 |
| 42 | Current source density (CSD) old/new effects during recognition memory for words and faces in schizophrenia and in healthy adults. <i>International Journal of Psychophysiology</i> , 2010, 75, 194-210. | 0.5 | 28 |
| 43 | Reduced brain responses to novel sounds in depression: P3 findings in a novelty oddball task. <i>Psychiatry Research</i> , 2009, 170, 218-223. | 1.7 | 82 |
| 44 | Stimulus- and response-locked neuronal generator patterns of auditory and visual word recognition memory in schizophrenia. <i>International Journal of Psychophysiology</i> , 2009, 73, 186-206. | 0.5 | 21 |
| 45 | Hemispacial PCA dissociates temporal from parietal ERP generator patterns: CSD components in healthy adults and depressed patients during a dichotic oddball task. <i>International Journal of Psychophysiology</i> , 2008, 67, 1-16. | 0.5 | 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. <i>Psychophysiology</i> , 2007, 44, 949-967. | 1.2 | 43 |
| 47 | Principal components analysis of Laplacian waveforms as a generic method for identifying ERP generator patterns: II. Adequacy of low-density estimates. <i>Clinical Neurophysiology</i> , 2006, 117, 369-380. | 0.7 | 232 |
| 48 | Principal components analysis of Laplacian waveforms as a generic method for identifying ERP generator patterns: I. Evaluation with auditory oddball tasks. <i>Clinical Neurophysiology</i> , 2006, 117, 348-368. | 0.7 | 547 |
| 49 | Consensus on PCA for ERP data, and sensibility of unrestricted solutions. <i>Clinical Neurophysiology</i> , 2006, 117, 703-707. | 0.7 | 32 |
| 50 | ERP/CSD indices of impaired verbal working memory subprocesses in schizophrenia. <i>Psychophysiology</i> , 2006, 43, 237-252. | 1.2 | 33 |
| 51 | Reference-free quantification of EEG spectra: Combining current source density (CSD) and frequency principal components analysis (fPCA). <i>Clinical Neurophysiology</i> , 2005, 116, 2826-2846. | 0.7 | 159 |
| 52 | Event-related brain potentials during auditory and visual word recognition memory tasks. <i>Cognitive Brain Research</i> , 2003, 16, 11-25. | 3.3 | 40 |
| 53 | Optimizing PCA methodology for ERP component identification and measurement: theoretical rationale and empirical evaluation. <i>Clinical Neurophysiology</i> , 2003, 114, 2307-2325. | 0.7 | 243 |
| 54 | Evaluating the quality of ERP measures across recording systems: a commentary on Debener et al. (2002). <i>International Journal of Psychophysiology</i> , 2003, 48, 315. | 0.5 | 4 |

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|----|---|------|-----------|
| 55 | Cognitive ERPs in Depressive and Anxiety Disorders during Tonal and Phonetic Oddball Tasks. <i>Clinical EEG (electroencephalography)</i> , 2002, 33, 119-124. | 0.9 | 57 |
| 56 | A convenient method for detecting electrolyte bridges in multichannel electroencephalogram and event-related potential recordings. <i>Clinical Neurophysiology</i> , 2001, 112, 545-550. | 0.7 | 60 |
| 57 | Event-related brain potentials (ERPs) in schizophrenia for tonal and phonetic oddball tasks. <i>Biological Psychiatry</i> , 2001, 49, 832-847. | 0.7 | 59 |
| 58 | Event-related potentials in schizophrenia during tonal and phonetic oddball tasks: relations to diagnostic subtype, symptom features and verbal memory. <i>Biological Psychiatry</i> , 2001, 50, 447-452. | 0.7 | 40 |
| 59 | Is Resting Anterior EEG Alpha Asymmetry a Trait Marker for Depression?. <i>Neuropsychobiology</i> , 2000, 41, 31-37. | 0.9 | 310 |
| 60 | Event-related potentials (ERPs) to hemifield presentations of emotional stimuli: differences between depressed patients and healthy adults in P3 amplitude and asymmetry. <i>International Journal of Psychophysiology</i> , 2000, 36, 211-236. | 0.5 | 160 |
| 61 | On the Reliability of Augmenting/Reducing. <i>Journal of Psychophysiology</i> , 2000, 14, 226-240. | 0.3 | 65 |
| 62 | Brain event-related potentials (ERPs) in schizophrenia during a word recognition memory task. <i>International Journal of Psychophysiology</i> , 1999, 34, 249-265. | 0.5 | 43 |
| 63 | Left Temporal Lobe Dysfunction in Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 267. | 13.8 | 95 |
| 64 | Methodological Concerns about an ERP Study of Emotional Responsivity: A Commentary on Carretiá et al.. <i>Journal of Psychophysiology</i> , 1999, 13, 190-191. | 0.3 | 4 |
| 65 | Response- and stimulus-related ERP asymmetries in a tonal oddball task: a Laplacian analysis. <i>Brain Topography</i> , 1998, 10, 201-210. | 0.8 | 41 |
| 66 | Dissociation of brain ERP topographies for tonal and phonetic oddball tasks. <i>Psychophysiology</i> , 1998, 35, 576-590. | 1.2 | 62 |
| 67 | The time course of visuospatial processing deficits in schizophrenia: An event-related brain potential study.. <i>Journal of Abnormal Psychology</i> , 1998, 107, 399-411. | 2.0 | 47 |
| 68 | Event-related potential (ERP) asymmetries to emotional stimuli in a visual half-field paradigm. <i>Psychophysiology</i> , 1997, 34, 414-426. | 1.2 | 116 |