

# Jürgen Kayser

## List of Publications by Year in descending order

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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	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
2	Is Resting Anterior EEG Alpha Asymmetry a Trait Marker for Depression?. <i>Neuropsychobiology</i> , 2000, 41, 31-37.	0.9	310
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Current Source Density Measures of Electroencephalographic Alpha Predict Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2011, 70, 388-394.	0.7	132
11	Pretreatment Rostral Anterior Cingulate Cortex Theta Activity in Relation to Symptom Improvement in Depression. <i>JAMA Psychiatry</i> , 2018, 75, 547.	6.0	125
12	Event-related potential (ERP) asymmetries to emotional stimuli in a visual half-field paradigm. <i>Psychophysiology</i> , 1997, 34, 414-426.	1.2	116
13	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
14	Left Temporal Lobe Dysfunction in Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 267.	13.8	95
15	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
16	On the Reliability of Augmenting/Reducing. <i>Journal of Psychophysiology</i> , 2000, 14, 226-240.	0.3	65
17	Dissociation of brain ERP topographies for tonal and phonetic oddball tasks. <i>Psychophysiology</i> , 1998, 35, 576-590.	1.2	62
18	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

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19	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
20	Event-related brain potentials (ERPs) in schizophrenia for tonal and phonetic oddball tasks. <i>Biological Psychiatry</i> , 2001, 49, 832-847.	0.7	59
21	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
22	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
23	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
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	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Event-related brain potentials during auditory and visual word recognition memory tasks. <i>Cognitive Brain Research</i> , 2003, 16, 11-25.	3.3	40
34	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
35	Current Understanding of Religion, Spirituality, and Their Neurobiological Correlates. <i>Harvard Review of Psychiatry</i> , 2019, 27, 303-316.	0.9	37
36	Neuronal generators of posterior EEG alpha reflect individual differences in prioritizing personal spirituality. <i>Biological Psychology</i> , 2013, 94, 426-432.	1.1	34

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37	ERP/CSD indices of impaired verbal working memory subprocesses in schizophrenia. <i>Psychophysiology</i> , 2006, 43, 237-252.	1.2	33
38	Consensus on PCA for ERP data, and sensibility of unrestricted solutions. <i>Clinical Neurophysiology</i> , 2006, 117, 703-707.	0.7	32
39	Hemispatial 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
40	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
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	Heterogeneity of auditory verbal working memory in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2011, 120, 88-97.	2.0	27
44	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
45	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
46	A neurophysiological deficit in early visual processing in schizophrenia patients with auditory hallucinations. <i>Psychophysiology</i> , 2012, 49, 1168-1178.	1.2	24
47	Temporal stability of posterior EEG alpha over twelve years. <i>Clinical Neurophysiology</i> , 2018, 129, 1410-1417.	0.7	24
48	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
49	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
50	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
51	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
52	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
53	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
54	Event-Related Brain Potentials in Depression: Clinical, Cognitive, and Neurophysiological Implications. , 2011, , .		17

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55	Smell identification in individuals at clinical high risk for schizophrenia. <i>Psychiatry Research</i> , 2014, 220, 201-204.	1.7	15
56	Neuroanatomical correlates of familial risk-for-depression and religiosity/spirituality.. <i>Spirituality in Clinical Practice</i> , 2017, 4, 32-42.	0.5	13
57	Resting posterior alpha power and adolescent major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 141, 233-240.	1.5	11
58	Neuronal generator patterns of olfactory event-related brain potentials in schizophrenia. <i>Psychophysiology</i> , 2010, 47, no-no.	1.2	10
59	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
60	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
61	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
62	Electrophysiological predictors of clinical response to antidepressants. , 2013, , 380-393.		4
63	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
64	Methodological Concerns about an ERP Study of Emotional Responsivity: A Commentary on CarretiÄ© et al.. <i>Journal of Psychophysiology</i> , 1999, 13, 190-191.	0.3	4
65	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
66	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
67	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
68	Craig Emery Tenke, 1950-2017. <i>Clinical Neurophysiology</i> , 2018, 129, 2026-2028.	0.7	0