

Scott Makeig

List of Publications by Year in descending order

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171
papers

45,296
citations

15880

67
h-index

9605

147
g-index

181
all docs

181
docs citations

181
times ranked

29407
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical mu rhythms during action and passive music listening. <i>Journal of Neurophysiology</i> , 2022, 127, 213-224.	0.9	10
2	Unsupervised learning of brain state dynamics during emotion imagination using high-density EEG. <i>NeuroImage</i> , 2022, 249, 118873.	2.1	11
3	Building FAIR Functionality: Annotating Events in Time Series Data Using Hierarchical Event Descriptors (HED). <i>Neuroinformatics</i> , 2022, 20, 463-481.	1.5	4
4	The open EEGLAB portal Interface: High-Performance computing with EEGLAB. <i>NeuroImage</i> , 2021, 224, 116778.	2.1	33
5	Electroencephalographic Study on Sensory Integration in Visually Induced Postural Sway. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 482-498.	1.1	1
6	Inhibitory control in children with tic disorder: aberrant fronto-parietal network activity and connectivity. <i>Brain Communications</i> , 2021, 3, fcab067.	1.5	11
7	Brain Activity Response to Visual Cues for Gait Impairment in Parkinson's Disease: An EEG Study. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 996-1009.	1.4	20
8	Capturing the nature of events and event context using hierarchical event descriptors (HED). <i>NeuroImage</i> , 2021, 245, 118766.	2.1	8
9	Modulation of Frontal Oscillatory Power during Blink Suppression in Children: Effects of Premonitory Urge and Reward. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa046.	0.7	5
10	What Can Local Transfer Entropy Tell Us about Phase-Amplitude Coupling in Electrophysiological Signals?. <i>Entropy</i> , 2020, 22, 1262.	1.1	11
11	EEG Effective Source Projections Are More Bilaterally Symmetric in Infants Than in Adults. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 82.	1.0	9
12	Improved cortical source localization of ICA-derived EEG components using a source scalp projection noise model. , 2020, , .		0
13	The Open EEGLAB portal. , 2019, , .		3
14	Neural activation and connectivity during cued eye blinks in Chronic Tic Disorders. <i>NeuroImage: Clinical</i> , 2019, 24, 101956.	1.4	28
15	Can Oscillatory Alpha-Gamma Phase-Amplitude Coupling be Used to Understand and Enhance TMS Effects?. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 263.	1.0	13
16	The ICLabel dataset of electroencephalographic (EEG) independent component (IC) features. <i>Data in Brief</i> , 2019, 25, 104101.	0.5	72
17	High-density EEG mobile brain/body imaging data recorded during a challenging auditory gait pacing task. <i>Scientific Data</i> , 2019, 6, 211.	2.4	13
18	Ear-EEG Forward Models: Improved Head-Models for Ear-EEG. <i>Frontiers in Neuroscience</i> , 2019, 13, 943.	1.4	21

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19	Trial-by-trial source-resolved EEG responses to gait task challenges predict subsequent step adaptation. <i>NeuroImage</i> , 2019, 199, 691-703.	2.1	25
20	ICLabel: An automated electroencephalographic independent component classifier, dataset, and website. <i>NeuroImage</i> , 2019, 198, 181-197.	2.1	917
21	Reduced premovement positivity during the stimulus response interval precedes errors: Using single-trial and regression ERPs to understand performance deficits in ADHD. <i>Psychophysiology</i> , 2019, 56, e13392.	1.2	7
22	A comparative evaluation of signal quality between a research-grade and a wireless dry-electrode mobile EEG system. <i>Journal of Neural Engineering</i> , 2019, 16, 054001.	1.8	41
23	Attenuated mismatch negativity in patients with first-episode antipsychotic-naive schizophrenia using a source-resolved method. <i>NeuroImage: Clinical</i> , 2019, 22, 101760.	1.4	10
24	A visual working memory dataset collection with bootstrap Independent Component Analysis for comparison of electroencephalographic preprocessing pipelines. <i>Data in Brief</i> , 2019, 22, 787-793.	0.5	9
25	Measuring transient phase-amplitude coupling using local mutual information. <i>NeuroImage</i> , 2019, 185, 361-378.	2.1	41
26	MEG/EEG Data Analysis Using EEGLAB. , 2019, , 1-16.		0
27	MEG/EEG Data Analysis Using EEGLAB. , 2019, , 391-406.		9
28	Different cortical source activation patterns in children with attention deficit hyperactivity disorder during a time reproduction task. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 633-649.	0.8	19
29	Applying dimension reduction to EEG data by Principal Component Analysis reduces the quality of its subsequent Independent Component decomposition. <i>NeuroImage</i> , 2018, 175, 176-187.	2.1	129
30	EEG Source Imaging Indices of Cognitive Control Show Associations with Dopamine System Genes. <i>Brain Topography</i> , 2018, 31, 392-406.	0.8	9
31	STRUM: A New Dataset for Neuroergonomics Research. , 2018, , .		2
32	Visuomotor coordination and cortical connectivity of modular motor learning. <i>Human Brain Mapping</i> , 2018, 39, 3836-3853.	1.9	8
33	Dynamics of directional tuning and reference frames in humans: A high-density EEG study. <i>Scientific Reports</i> , 2018, 8, 8205.	1.6	9
34	Modeling brain dynamic state changes with adaptive mixture independent component analysis. <i>NeuroImage</i> , 2018, 183, 47-61.	2.1	63
35	Two Independent Frontal Midline Theta Oscillations during Conflict Detection and Adaptation in a Simon-Type Manual Reaching Task. <i>Journal of Neuroscience</i> , 2017, 37, 2504-2515.	1.7	83
36	Can Pornography be Addictive? An fMRI Study of Men Seeking Treatment for Problematic Pornography Use. <i>Neuropsychopharmacology</i> , 2017, 42, 2021-2031.	2.8	199

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37	Crowd labeling latent Dirichlet allocation. Knowledge and Information Systems, 2017, 53, 749-765.	2.1	41
38	Unidirectional brain to muscle connectivity reveals motor cortex control of leg muscles during stereotyped walking. NeuroImage, 2017, 159, 403-416.	2.1	148
39	Reduced visual attention in heterogeneous textures is reflected in occipital alpha and theta band activity. PLoS ONE, 2017, 12, e0187763.	1.1	1
40	Volume Conduction Influences Scalp-Based Connectivity Estimates. Frontiers in Computational Neuroscience, 2016, 10, 121.	1.2	117
41	Preparing Laboratory and Real-World EEG Data for Large-Scale Analysis: A Containerized Approach. Frontiers in Neuroinformatics, 2016, 10, 7.	1.3	24
42	Hierarchical Event Descriptors (HED): Semi-Structured Tagging for Real-World Events in Large-Scale EEG. Frontiers in Neuroinformatics, 2016, 10, 42.	1.3	26
43	Predicting decision accuracy and certainty in complex brain-machine interactions. , 2016, , .		1
44	Source separation and localization of individual superficial forearm extensor muscles using high-density surface electromyography. , 2016, , .		3
45	An Automated Function for Identifying EEG Independent Components Representing Bilateral Source Activity. IFMBE Proceedings, 2016, , 105-109.	0.2	22
46	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. Clinical Neurophysiology, 2016, 127, 2489-2499.	0.7	89
47	ERPs and their brain sources in perceptual and conceptual prospective memory tasks: Commonalities and differences between the two tasks. Neuropsychologia, 2016, 91, 173-185.	0.7	10
48	Research Review: Use of <sc>EEG</sc> biomarkers in child psychiatry research – current state and future directions. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 4-17.	3.1	71
49	High-resolution EEG source imaging of one-year-old children. , 2016, 2016, 117-120.		6
50	Distinct β Band Oscillatory Networks Subserving Motor and Cognitive Control during Gait Adaptation. Journal of Neuroscience, 2016, 36, 2212-2226.	1.7	152
51	ICA-derived cortical responses indexing rapid multi-feature auditory processing in six-month-old infants. NeuroImage, 2016, 133, 75-87.	2.1	32
52	Simultaneous head tissue conductivity and EEG source location estimation. NeuroImage, 2016, 124, 168-180.	2.1	75
53	EEG imaging of toddlers during dyadic turn-taking: Mu-rhythm modulation while producing or observing social actions. NeuroImage, 2015, 112, 52-60.	2.1	41
54	Real-time neuroimaging and cognitive monitoring using wearable dry EEG. IEEE Transactions on Biomedical Engineering, 2015, 62, 2553-2567.	2.5	536

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55	Electroencephalographic Biomarkers of Psychosis: Present and Future. <i>Biological Psychiatry</i> , 2015, 77, 87-89.	0.7	10
56	Grand average ERP-image plotting and statistics: A method for comparing variability in event-related single-trial EEG activities across subjects and conditions. <i>Journal of Neuroscience Methods</i> , 2015, 250, 3-6.	1.3	46
57	Toward a new cognitive neuroscience: modeling natural brain dynamics. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 444.	1.0	61
58	Brain dynamics that correlate with effects of learning on auditory distance perception. <i>Frontiers in Neuroscience</i> , 2014, 8, 396.	1.4	11
59	Cortical substrates and functional correlates of auditory deviance processing deficits in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 6, 424-437.	1.4	79
60	The Auditory Brain-Stem Response to Complex Sounds: A Potential Biomarker for Guiding Treatment of Psychosis. <i>Frontiers in Psychiatry</i> , 2014, 5, 142.	1.3	21
61	Genetic Overlap between Evoked Frontocentral Theta-Band Phase Variability, Reaction Time Variability, and Attention-Deficit/Hyperactivity Disorder Symptoms in a Twin Study. <i>Biological Psychiatry</i> , 2014, 75, 238-247.	0.7	89
62	Closed-Loop Brain-Machine-Body Interfaces for Noninvasive Rehabilitation of Movement Disorders. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1573-1593.	1.3	47
63	RELICA: A method for estimating the reliability of independent components. <i>NeuroImage</i> , 2014, 103, 391-400.	2.1	76
64	Localization of More Sources Than Sensors via Jointly-Sparse Bayesian Learning. <i>IEEE Signal Processing Letters</i> , 2014, 21, 131-134.	2.1	28
65	Electroencephalography Correlates of Spatial Working Memory Deficits in Attention-Deficit/Hyperactivity Disorder: Vigilance, Encoding, and Maintenance. <i>Journal of Neuroscience</i> , 2014, 34, 1171-1182.	1.7	131
66	Imaging natural cognition in action. <i>International Journal of Psychophysiology</i> , 2014, 91, 22-29.	0.5	170
67	In search of biomarkers in psychiatry: EEG-based measures of brain function. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 111-121.	1.1	97
68	Cortical surface alignment in multi-subject spatiotemporal independent EEG source imaging. <i>NeuroImage</i> , 2014, 87, 297-310.	2.1	22
69	MoBILAB: an open source toolbox for analysis and visualization of mobile brain/body imaging data. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 121.	1.0	62
70	Measuring musical engagement using expressive movement and EEG brain dynamics.. <i>Psychomusicology: Music, Mind and Brain</i> , 2014, 24, 75-91.	1.1	8
71	MEG/EEG Data Analysis Using EEGLAB. , 2014, , 199-212.		12
72	Robust joint sparse recovery on data with outliers. , 2013, , .		1

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73	CTAGGER: Semi-structured community tagging for annotation and data-mining in event-rich contexts. , 2013, , .		4
74	Hierarchical Event Descriptor (HED) tags for analysis of event-related EEG studies. , 2013, , .		16
75	Effects of Forward Model Errors on EEG Source Localization. Brain Topography, 2013, 26, 378-396.	0.8	212
76	Measure projection analysis: A probabilistic approach to EEG source comparison and multi-subject inference. NeuroImage, 2013, 72, 287-303.	2.1	80
77	Towards an Affective Brain-Computer Interface Monitoring Musical Engagement. , 2013, , .		4
78	Loss of balance during balance beam walking elicits a multifocal theta band electrocortical response. Journal of Neurophysiology, 2013, 110, 2050-2060.	0.9	186
79	Grand Challenges in Mapping the Human Brain: NSF Workshop Report. IEEE Transactions on Biomedical Engineering, 2013, 60, 2983-2992.	2.5	62
80	Emotion Recognition from EEG during Self-Paced Emotional Imagery. , 2013, , .		37
81	A physiologically motivated sparse, compact, and smooth (SCS) approach to EEG source localization. , 2012, 2012, 1546-9.		2
82	Evolving Signal Processing for Brain-Computer Interfaces. Proceedings of the IEEE, 2012, 100, 1567-1584.	16.4	119
83	Clinical Utility of EEG in Attention-Deficit/Hyperactivity Disorder: A Research Update. Neurotherapeutics, 2012, 9, 569-587.	2.1	222
84	Characterization and Robust Classification of EEG Signal from Image RSVP Events with Independent Time-Frequency Features. PLoS ONE, 2012, 7, e44464.	1.1	17
85	Enhanced decision making through neuroscience. , 2012, , .		0
86	Independent EEG Sources Are Dipolar. PLoS ONE, 2012, 7, e30135.	1.1	669
87	Familiarity with Speech Affects Cortical Processing of Auditory Distance Cues and Increases Acuity. PLoS ONE, 2012, 7, e41025.	1.1	15
88	EEGLAB, SIFT, NFT, BCILAB, and ERICA: New Tools for Advanced EEG Processing. Computational Intelligence and Neuroscience, 2011, 2011, 1-12.	1.1	495
89	Electrocortical activity is coupled to gait cycle phase during treadmill walking. NeuroImage, 2011, 54, 1289-1296.	2.1	403
90	Dopamine Effects on Human Error Processing Depend on Catechol-<i>O</i>-Methyltransferase VAL158MET Genotype. Journal of Neuroscience, 2011, 31, 15818-15825.	1.7	52

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91	Electrocortical source imaging of intracranial EEG data in epilepsy. , 2011, 2011, 3909-12.		11
92	Removal of Movement Artifact From High-Density EEG Recorded During Walking and Running. Journal of Neurophysiology, 2010, 103, 3526-3534.	0.9	541
93	Neurophysiologic Markers of Abnormal Brain Activity in Schizophrenia. Current Psychiatry Reports, 2010, 12, 572-578.	2.1	50
94	Neuroelectromagnetic Forward Head Modeling Toolbox. Journal of Neuroscience Methods, 2010, 190, 258-270.	1.3	111
95	Utility of Independent Component Analysis for Interpretation of Intracranial EEG. Frontiers in Human Neuroscience, 2010, 4, 184.	1.0	33
96	Visual Evoked Responses During Standing and Walking. Frontiers in Human Neuroscience, 2010, 4, 202.	1.0	173
97	Dynamic Modulation of Local Population Activity by Rhythm Phase in Human Occipital Cortex During a Visual Search Task. Frontiers in Human Neuroscience, 2010, 4, 197.	1.0	65
98	Human Brain Dynamics Accompanying Use of Egocentric and Allocentric Reference Frames during Navigation. Journal of Cognitive Neuroscience, 2010, 22, 2836-2849.	1.1	139
99	Human EEG Correlates of Spatial Navigation within Egocentric and Allocentric Reference Frames. Lecture Notes in Computer Science, 2010, , 191-206.	1.0	35
100	High-frequency broadband modulation of electroencephalographic spectra. Frontiers in Human Neuroscience, 2009, 3, 61.	1.0	122
101	A complex cross-spectral distribution model using Normal Variance Mean Mixtures. , 2009, , .		1
102	Improved EEG source analysis using low-resolution conductivity estimation in a four-compartment finite element head model. Human Brain Mapping, 2009, 30, 2862-2878.	1.9	41
103	Probabilistic reversal learning is impaired in Parkinson's disease. Neuroscience, 2009, 163, 1092-1101.	1.1	78
104	Linking brain, mind and behavior. International Journal of Psychophysiology, 2009, 73, 95-100.	0.5	297
105	Independent Component Analysis Reveals Atypical Electroencephalographic Activity During Visual Perception in Individuals with Autism. Biological Psychiatry, 2009, 65, 22-30.	0.7	129
106	Identifying reliable independent components via split-half comparisons. NeuroImage, 2009, 45, 1199-1211.	2.1	178
107	Tonic Changes in EEG Power Spectra during Simulated Driving. Lecture Notes in Computer Science, 2009, , 394-403.	1.0	49
108	Mind Monitoring via Mobile Brain-Body Imaging. Lecture Notes in Computer Science, 2009, , 749-758.	1.0	1

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109	Analyzing High-Density ECG Signals Using ICA. IEEE Transactions on Biomedical Engineering, 2008, 55, 2528-2537.	2.5	13
110	Linking brain, mind, and behavior. International Journal of Psychophysiology, 2008, 69, 137.	0.5	4
111	Tonic and phasic electroencephalographic dynamics during continuous compensatory tracking. NeuroImage, 2008, 39, 1896-1909.	2.1	88
112	Neuroelectromagnetic Forward Modeling Toolbox. , 2008, 2008, 3991-4.		9
113	Newton method for the ICA mixture model. , 2008, , .		144
114	Event-Related Brain Dynamics in Continuous Sustained-Attention Tasks. Lecture Notes in Computer Science, 2007, , 65-74.	1.0	22
115	Medial Prefrontal Theta Bursts Precede Rapid Motor Responses during Visual Selective Attention. Journal of Neuroscience, 2007, 27, 11949-11959.	1.7	135
116	Model Selection for Convolutional ICA with an Application to Spatiotemporal Analysis of EEG. Neural Computation, 2007, 19, 934-955.	1.3	40
117	Low resolution conductivity estimation to improve source localization. International Congress Series, 2007, 1300, 149-152.	0.2	10
118	Enhanced detection of artifacts in EEG data using higher-order statistics and independent component analysis. NeuroImage, 2007, 34, 1443-1449.	2.1	1,375
119	INDEPENDENT COMPONENT ANALYSIS OF EEG RECORDED DURING TWO-PERSON GAME PLAYING. Applied Artificial Intelligence, 2007, 21, 883-894.	2.0	2
120	Multi-Scale EEG Brain Dynamics During Sustained Attention Tasks. , 2007, , .		21
121	Cortical electrode localization from X-rays and simple mapping for electrocorticographic research: The "Location on Cortex"(LOC) package for MATLAB. Journal of Neuroscience Methods, 2007, 162, 303-308.	1.3	101
122	The duration of the attentional blink in natural scenes depends on stimulus category. Vision Research, 2007, 47, 597-607.	0.7	47
123	Noninvasive Study of the Human Heart using Independent Component Analysis. , 2006, , .		5
124	Mapping single-trial EEG records on the cortical surface through a spatiotemporal modality. NeuroImage, 2006, 32, 195-207.	2.1	27
125	Imaging human EEG dynamics using independent component analysis. Neuroscience and Biobehavioral Reviews, 2006, 30, 808-822.	2.9	593
126	Spatio-temporal dynamics in fMRI recordings revealed with complex independent component analysis. Neurocomputing, 2006, 69, 1502-1512.	3.5	21

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127	Information-based modeling of event-related brain dynamics. <i>Progress in Brain Research</i> , 2006, 159, 99-120.	0.9	312
128	What is novel in the novelty oddball paradigm? Functional significance of the novelty P3 event-related potential as revealed by independent component analysis. <i>Cognitive Brain Research</i> , 2005, 22, 309-321.	3.3	247
129	Frontal midline EEG dynamics during working memory. <i>NeuroImage</i> , 2005, 27, 341-356.	2.1	721
130	Electroencephalographic Brain Dynamics Following Manually Responded Visual Targets. <i>PLoS Biology</i> , 2004, 2, e176.	2.6	307
131	EEGLAB: an open source toolbox for analysis of single-trial EEG dynamics including independent component analysis. <i>Journal of Neuroscience Methods</i> , 2004, 134, 9-21.	1.3	18,121
132	Mining event-related brain dynamics. <i>Trends in Cognitive Sciences</i> , 2004, 8, 204-210.	4.0	1,295
133	Frontal midline theta and the error-related negativity: neurophysiological mechanisms of action regulation. <i>Clinical Neurophysiology</i> , 2004, 115, 1821-1835.	0.7	504
134	EEG changes accompanying learned regulation of 12-Hz EEG activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2003, 11, 133-137.	2.7	63
135	Dynamic Brain Sources of Visual Evoked Responses. <i>Science</i> , 2002, 295, 690-694.	6.0	1,479
136	Single-Trial Variability in Event-Related BOLD Signals. <i>NeuroImage</i> , 2002, 15, 823-835.	2.1	186
137	Response: Event-related brain dynamics “unifying brain electrophysiology. <i>Trends in Neurosciences</i> , 2002, 25, 390.	4.2	146
138	Imaging brain dynamics using independent component analysis. <i>Proceedings of the IEEE</i> , 2001, 89, 1107-1122.	16.4	465
139	Event-related brain response abnormalities in autism: evidence for impaired cerebello-frontal spatial attention networks. <i>Cognitive Brain Research</i> , 2001, 11, 127-145.	3.3	161
140	Eye Activity Correlates of Workload during a Visuospatial Memory Task. <i>Human Factors</i> , 2001, 43, 111-121.	2.1	233
141	Analysis and visualization of single-trial event-related potentials. <i>Human Brain Mapping</i> , 2001, 14, 166-185.	1.9	609
142	Awareness during drowsiness: Dynamics and electrophysiological correlates.. <i>Canadian Journal of Experimental Psychology</i> , 2000, 54, 266-273.	0.7	159
143	Combined eye activity measures accurately estimate changes in sustained visual task performance. <i>Biological Psychology</i> , 2000, 52, 221-240.	1.1	147
144	A natural basis for efficient brain-actuated control. <i>IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society</i> , 2000, 8, 208-211.	1.4	68

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145	Removal of eye activity artifacts from visual event-related potentials in normal and clinical subjects. <i>Clinical Neurophysiology</i> , 2000, 111, 1745-1758.	0.7	1,157
146	Functionally Independent Components of the Late Positive Event-Related Potential during Visual Spatial Attention. <i>Journal of Neuroscience</i> , 1999, 19, 2665-2680.	1.7	379
147	Functionally independent components of early event-related potentials in a visual spatial attention task. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1135-1144.	1.8	76
148	Analysis of fMRI data by blind separation into independent spatial components. <i>Human Brain Mapping</i> , 1998, 6, 160-188.	1.9	1,653
149	Response from Martin McKeown, Makeig, Brown, Jung, Kindermann, Bell and Sejnowski. <i>Trends in Cognitive Sciences</i> , 1998, 2, 375.	4.0	11
150	Eye Activity Correlates of Fatigue during a Visual Tracking Task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1998, 42, 1122-1126.	0.2	6
151	Spatially independent activity patterns in functional MRI data during the Stroop color-naming task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 803-810.	3.3	444
152	Blind separation of auditory event-related brain responses into independent components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10979-10984.	3.3	1,046
153	Estimating alertness from the EEG power spectrum. <i>IEEE Transactions on Biomedical Engineering</i> , 1997, 44, 60-69.	2.5	403
154	Tonic, phasic, and transient EEG correlates of auditory awareness in drowsiness. <i>Cognitive Brain Research</i> , 1996, 4, 15-25.	3.3	221
155	Effects of voluntary movements on early auditory brain responses. <i>Experimental Brain Research</i> , 1996, 110, 487-92.	0.7	30
156	Changes in alertness are a principal component of variance in the EEG spectrum. <i>NeuroReport</i> , 1995, 7, 213-216.	0.6	203
157	Different event-related patterns of gamma-band power in brain waves of fast- and slow-reacting subjects.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6339-6343.	3.3	124
158	Event-Related Changes in the 40 Hz Electroencephalogram in Auditory and Visual Reaction Time Tasks. , 1994, , 135-146.		5
159	Lapse in alertness: coherence of fluctuations in performance and EEG spectrum. <i>Electroencephalography and Clinical Neurophysiology</i> , 1993, 86, 23-35.	0.3	289
160	Auditory event-related dynamics of the EEG spectrum and effects of exposure to tones. <i>Electroencephalography and Clinical Neurophysiology</i> , 1993, 86, 283-293.	0.3	758
161	Gamma-band event-related brain dynamics: Historic perspective. <i>International Journal of Psychophysiology</i> , 1993, 14, 136.	0.5	4
162	Oscillatory brain activity during a motor task. <i>NeuroReport</i> , 1993, 4, 1291-1294.	0.6	86

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163	Physiological studies of central masking in man. I: The effects of noise on the 40-Hz steady-state response. Journal of the Acoustical Society of America, 1992, 92, 2683-2690.	0.5	58
164	Physiological studies of central masking in man. II: Tonepip SSRs and the masking level difference. Journal of the Acoustical Society of America, 1992, 92, 2691-2697.	0.5	29
165	Human auditory evoked gamma-band magnetic fields.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 8996-9000.	3.3	381
166	Changes in auditory steady-state responses during neuroleptic treatment. Schizophrenia Research, 1989, 2, 84.	1.1	1
167	Auditory steady-state responses: threshold prediction using phase coherence. Electroencephalography and Clinical Neurophysiology, 1987, 67, 260-270.	0.3	104
168	Studies in music psychobiology. Journal of the Acoustical Society of America, 1986, 79, 575-575.	0.5	0
169	A 40-Hz auditory potential recorded from the human scalp.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2643-2647.	3.3	1,069
170	Predicting failures in auditory detection from changes in the EEG spectrum. , 0, , .		2
171	Far-field electrophysiology reflects top-down control. , 0, , .		0