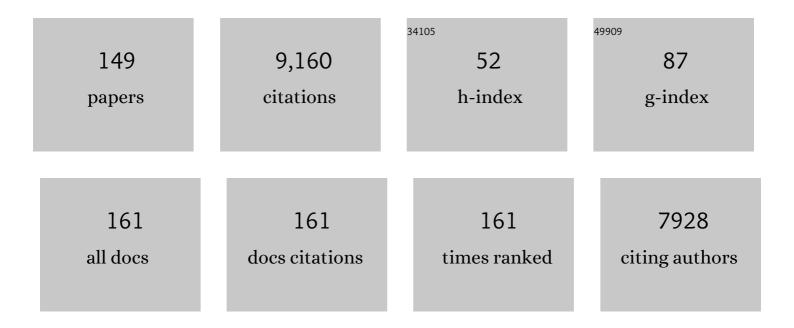
## Iiro P. Jääskeläinen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Classification of emotion categories based on functional connectivity patterns of the human brain. Neurolmage, 2022, 247, 118800.	4.2	17
2	Behavioral Experience-Sampling Methods in Neuroimaging Studies With Movie and Narrative Stimuli. Frontiers in Human Neuroscience, 2022, 16, 813684.	2.0	7
3	Processing of an Audiobook in the Human Brain Is Shaped by Cultural Family Background. Brain Sciences, 2022, 12, 649.	2.3	4
4	Movies and narratives as naturalistic stimuli in neuroimaging. NeuroImage, 2021, 224, 117445.	4.2	76
5	Distributed source modeling of intracranial stereoelectro-encephalographic measurements. Neurolmage, 2021, 230, 117746.	4.2	9
6	Rhythmic Neural Patterns During Empathy to Vicarious Pain: Beyond the Affective-Cognitive Empathy Dichotomy. Frontiers in Human Neuroscience, 2021, 15, 708107.	2.0	12
7	Social touch experience in different contexts: A review. Neuroscience and Biobehavioral Reviews, 2021, 131, 360-372.	6.1	38
8	Neural basis of in-group bias and prejudices: A systematic meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 131, 1214-1227.	6.1	12
9	The Paradox of Fiction Revisited—Improvised Fictional and Real-Life Social Rejections Evoke Associated and Relatively Similar Psychophysiological Responses. Brain Sciences, 2021, 11, 1463.	2.3	4
10	Aberrant Auditory and Visual Memory Development of Children with Upper Limb Motor Disorders. Brain Sciences, 2021, 11, 1650.	2.3	6
11	Effects of Improvisation Training on Student Teachers' Behavioral, Neuroendocrine, and Psychophysiological Responses during the Trier Social Stress Test. Adaptive Human Behavior and Physiology, 2020, 6, 356-380.	1.1	6
12	Auditory representation of learned sound sequences in motor regions of the macaque brain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15242-15252.	7.1	28
13	Neural Processing of Narratives: From Individual Processing to Viral Propagation. Frontiers in Human Neuroscience, 2020, 14, 253.	2.0	14
14	Social perspective-taking shapes brain hemodynamic activity and eye movements during movie viewing. Social Cognitive and Affective Neuroscience, 2020, 15, 175-191.	3.0	7
15	Multivariate Identification of Functional Neural Networks Underpinning Humorous Movie Viewing. Frontiers in Psychology, 2020, 11, 547353.	2.1	2
16	Post-Movie Subliminal Measurement (PMSM), for Investigating Implicit Social Bias. Journal of Visualized Experiments, 2020, , .	0.3	0
17	Differential brain mechanisms during reading human vs. machine translated fiction and news texts. Scientific Reports, 2019, 9, 13251.	3.3	2
18	Inferior parietal lobule and early visual areas support elicitation of individualized meanings during narrative listening. Brain and Behavior, 2019, 9, e01288.	2.2	33

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19	The opioid agonist remifentanil increases subjective pleasure. British Journal of Anaesthesia, 2019, 122, e216-e219.	3.4	4
20	Contextual knowledge provided by a movie biases implicit perception of the protagonist. Social Cognitive and Affective Neuroscience, 2019, 14, 519-527.	3.0	5
21	Opioidergic Regulation of Emotional Arousal: A Combined PET–fMRI Study. Cerebral Cortex, 2019, 29, 4006-4016.	2.9	32
22	Distributed affective space represents multiple emotion categories across the human brain. Social Cognitive and Affective Neuroscience, 2018, 13, 471-482.	3.0	105
23	Brain mechanisms underlying cue-based memorizing during free viewing of movie Memento. NeuroImage, 2018, 172, 313-325.	4.2	35
24	Event-related potentials during individual, cooperative, and competitive task performance differ in subjects with analytic vs. holistic thinking. International Journal of Psychophysiology, 2018, 123, 136-142.	1.0	13
25	A drama movie activates brains of holistic and analytical thinkers differentially. Social Cognitive and Affective Neuroscience, 2018, 13, 1293-1304.	3.0	25
26	Distinct brain areas process novel and repeating tone sequences. Brain and Language, 2018, 187, 104-114.	1.6	11
27	Reproducibility of importance extraction methods in neural network based fMRI classification. NeuroImage, 2018, 181, 44-54.	4.2	11
28	Social Laughter Triggers Endogenous Opioid Release in Humans. Journal of Neuroscience, 2017, 37, 6125-6131.	3.6	142
29	Dissociable Roles of Cerebral μ-Opioid and Type 2 Dopamine Receptors in Vicarious Pain: A Combined PET–fMRI Study. Cerebral Cortex, 2017, 27, 4257-4266.	2.9	51
30	Neural mechanisms for integrating consecutive and interleaved natural events. Human Brain Mapping, 2017, 38, 3360-3376.	3.6	21
31	Entrepreneurial and parental love—are they the same?. Human Brain Mapping, 2017, 38, 2923-2938.	3.6	10
32	Distributed neural signatures of natural audiovisual speech and music in the human auditory cortex. NeuroImage, 2017, 157, 108-117.	4.2	7
33	Differential inter-subject correlation of brain activity when kinship is a variable in moral dilemma. Scientific Reports, 2017, 7, 14244.	3.3	21
34	Predictive processing increases intelligibility of acoustically distorted speech: Behavioral and neural correlates. Brain and Behavior, 2017, 7, e00789.	2.2	10
35	Does Short-Term Hunger Increase Trust and Trustworthiness in a High Trust Society?. Frontiers in Psychology, 2017, 8, 1944.	2.1	10
36	Neural mechanisms supporting evaluation of others' errors in real-life like conditions. Scientific Reports, 2016, 6, 18714.	3.3	11

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37	Brain hemodynamic activity during viewing and re-viewing of comedy movies explained by experienced humor. Scientific Reports, 2016, 6, 27741.	3.3	43
38	Brain-based decoding of mentally imagined film clips and sounds reveals experience-based information patterns in film professionals. NeuroImage, 2016, 129, 428-438.	4.2	16
39	Behavioural activation system sensitivity is associated with cerebral μ-opioid receptor availability. Social Cognitive and Affective Neuroscience, 2016, 11, 1310-1316.	3.0	69
40	Graph coarseâ€graining reveals differences in the moduleâ€level structure of functional brain networks. European Journal of Neuroscience, 2016, 44, 2673-2684.	2.6	9
41	Reorganization of functionally connected brain subnetworks in highâ€functioning autism. Human Brain Mapping, 2016, 37, 1066-1079.	3.6	110
42	Social touch modulates endogenous μ-opioid system activity in humans. NeuroImage, 2016, 138, 242-247.	4.2	143
43	Early-latency categorical speech sound representations in the left inferior frontal gyrus. NeuroImage, 2016, 129, 214-223.	4.2	40
44	Interacting parallel pathways associate sounds with visual identity in auditory cortices. NeuroImage, 2016, 124, 858-868.	4.2	9
45	Previous exposure to intact speech increases intelligibility of its digitally degraded counterpart as a function of stimulus complexity. NeuroImage, 2016, 125, 131-143.	4.2	5
46	Discrete Neural Signatures of Basic Emotions. Cerebral Cortex, 2016, 26, 2563-2573.	2.9	303
47	Adult attachment style is associated with cerebral μâ€opioid receptor availability in humans. Human Brain Mapping, 2015, 36, 3621-3628.	3.6	119
48	Functional MRI of the vocalization-processing network in the macaque brain. Frontiers in Neuroscience, 2015, 9, 113.	2.8	49
49	Combined MEG and EEG show reliable patterns of electromagnetic brain activity during natural viewing. NeuroImage, 2015, 114, 49-56.	4.2	42
50	Increasing fMRI Sampling Rate Improves Granger Causality Estimates. PLoS ONE, 2014, 9, e100319.	2.5	28
51	Mental Action Simulation Synchronizes Action–Observation Circuits across Individuals. Journal of Neuroscience, 2014, 34, 748-757.	3.6	48
52	Fronto-parietal network supports context-dependent speech comprehension. Neuropsychologia, 2014, 63, 293-303.	1.6	31
53	Enhanced neural synchrony between left auditory and premotor cortex is associated with successful phonetic categorization. Frontiers in Psychology, 2014, 5, 394.	2.1	34
54	Posterior parietal cortex activity reflects the significance of others' actions during natural viewing. Human Brain Mapping, 2014, 35, 4767-4776.	3.6	18

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55	Auditory-Cortex Short-Term Plasticity Induced by Selective Attention. Neural Plasticity, 2014, 2014, 1-11.	2.2	17
56	Psychophysics and neuronal bases of sound localization in humans. Hearing Research, 2014, 307, 86-97.	2.0	74
57	Synchronous brain activity across individuals underlies shared psychological perspectives. NeuroImage, 2014, 100, 316-324.	4.2	132
58	Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks. Neurolmage, 2014, 102, 498-509.	4.2	119
59	The brains of high functioning autistic individuals do not synchronize with those of others. NeuroImage: Clinical, 2013, 3, 489-497.	2.7	112
60	Evidence for distinct human auditory cortex regions for sound location versus identity processing. Nature Communications, 2013, 4, 2585.	12.8	51
61	Silent lipreading and covert speech production suppress processing of non-linguistic sounds in auditory cortex. Open Journal of Neuroscience, 2013, 3, 1.	1.2	7
62	Effective Cerebral Connectivity during Silent Speech Reading Revealed by Functional Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e80265.	2.5	20
63	Functional Magnetic Resonance Imaging Phase Synchronization as a Measure of Dynamic Functional Connectivity. Brain Connectivity, 2012, 2, 91-101.	1.7	282
64	Emotions promote social interaction by synchronizing brain activity across individuals. Proceedings of the United States of America, 2012, 109, 9599-9604.	7.1	408
65	Large-scale brain networks emerge from dynamic processing of musical timbre, key and rhythm. Neurolmage, 2012, 59, 3677-3689.	4.2	279
66	Enhanced early-latency electromagnetic activity in the left premotor cortex is associated with successful phonetic categorization. NeuroImage, 2012, 60, 1937-1946.	4.2	33
67	Naturalistic fMRI Mapping Reveals Superior Temporal Sulcus as the Hub for the Distributed Brain Network for Social Perception. Frontiers in Human Neuroscience, 2012, 6, 233.	2.0	306
68	Stimulus-Related Independent Component and Voxel-Wise Analysis of Human Brain Activity during Free Viewing of a Feature Film. PLoS ONE, 2012, 7, e35215.	2.5	49
69	Dissociable Influences of Auditory Object vs. Spatial Attention on Visual System Oscillatory Activity. PLoS ONE, 2012, 7, e38511.	2.5	12
70	Two-Stage Processing of Sounds Explains Behavioral Performance Variations due to Changes in Stimulus Contrast and Selective Attention: An MEG Study. PLoS ONE, 2012, 7, e46872.	2.5	10
71	Short-term plasticity as a neural mechanism supporting memory and attentional functions. Brain Research, 2011, 1422, 66-81.	2.2	62
72	Attention-driven auditory cortex short-term plasticity helps segregate relevant sounds from noise. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4182-4187.	7.1	99

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73	Face Prediction from fMRI Data during Movie Stimulus: Strategies for Feature Selection. Lecture Notes in Computer Science, 2011, , 189-196.	1.3	4
74	Primary and multisensory cortical activity is correlated with audiovisual percepts. Human Brain Mapping, 2010, 31, 526-538.	3.6	72
75	Nonlinear relationship between emotional valence and brain activity: Evidence of separate negative and positive valence dimensions. Human Brain Mapping, 2010, 31, 1030-1040.	3.6	82
76	Synchrony of audio–visual speech stimuli modulates left superior temporal sulcus. NeuroReport, 2010, 21, 822-826.	1.2	10
77	Onset timing of crossâ€sensory activations and multisensory interactions in auditory and visual sensory cortices. European Journal of Neuroscience, 2010, 31, 1772-1782.	2.6	107
78	Inter-subject correlation of brain hemodynamic responses during watching a movie: localization in space and frequency. Frontiers in Neuroinformatics, 2010, 4, 5.	2.5	141
79	Lipreading and Covert Speech Production Similarly Modulate Human Auditory-Cortex Responses to Pure Tones. Journal of Neuroscience, 2010, 30, 1314-1321.	3.6	48
80	Clustering inter-subject correlation matrices in functional magnetic resonance imaging. , 2010, , .		6
81	The Role of Speech Production System in Audiovisual Speech Perception. Open Neuroimaging Journal, 2010, 4, 30-36.	0.2	13
82	The Role of Speech Production System in Audiovisual Speech Perception. Open Neuroimaging Journal, 2010, 4, 30-36.	0.2	5
83	Automatic fMRIâ€guided MEG multidipole localization for visual responses. Human Brain Mapping, 2009, 30, 1087-1099.	3.6	24
84	Formant transition-specific adaptation by lipreading of left auditory cortex N1m. NeuroReport, 2008, 19, 93-97.	1.2	10
85	Inter-Subject Synchronization of Prefrontal Cortex Hemodynamic Activity During Natural Viewing. Open Neuroimaging Journal, 2008, 2, 14-19.	0.2	146
86	Short-term plasticity in auditory cognition. Trends in Neurosciences, 2007, 30, 653-661.	8.6	108
87	Hierarchical Bayesian estimates of distributed MEC sources: Theoretical aspects and comparison of variational and MCMC methods. NeuroImage, 2007, 35, 669-685.	4.2	61
88	Human brain activity associated with audiovisual perception and attention. NeuroImage, 2007, 34, 1683-1691.	4.2	56
89	Automatic relevance determination based hierarchical Bayesian MEG inversion in practice. NeuroImage, 2007, 37, 876-889.	4.2	33
90	Selective Attention Increases Both Gain and Feature Selectivity of the Human Auditory Cortex. PLoS ONE, 2007, 2, e909.	2.5	73

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91	Bayesian inverse analysis of neuromagnetic data using cortically constrained multiple dipoles. Human Brain Mapping, 2007, 28, 979-994.	3.6	16
92	Perception of matching and conflicting audiovisual speech in dyslexic and fluent readers: An fMRI study at 3 T. NeuroImage, 2006, 29, 797-807.	4.2	84
93	Perceiving identical sounds as speech or non-speech modulates activity in the left posterior superior temporal sulcus. NeuroImage, 2006, 30, 563-569.	4.2	125
94	Inherited Auditory-Cortical Dysfunction in Twin Pairs Discordant for Schizophrenia. Biological Psychiatry, 2006, 60, 612-620.	1.3	88
95	Attention to visual speech gestures enhances hemodynamic activity in the left planum temporale. Human Brain Mapping, 2006, 27, 471-477.	3.6	62
96	Task-modulated "what" and "where" pathways in human auditory cortex. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14608-14613.	7.1	315
97	Primary auditory cortex activation by visual speech: an fMRI study at 3???T. NeuroReport, 2005, 16, 125-128.	1.2	254
98	Serotonergic modulation of mismatch negativity. Psychiatry Research - Neuroimaging, 2005, 138, 61-74.	1.8	63
99	Modulation of auditory cortex activation by sound presentation rate and attention. Human Brain Mapping, 2005, 26, 94-99.	3.6	61
100	Processing of audiovisual speech in Broca's area. NeuroImage, 2005, 25, 333-338.	4.2	136
101	Bayesian analysis of the neuromagnetic inverse problem with â""p-norm priors. Neurolmage, 2005, 26, 870-884.	4.2	59
102	Cholinergic modulation of preattentive auditory processing in aging. NeuroImage, 2005, 27, 387-392.	4.2	64
103	Human posterior auditory cortex gates novel sounds to consciousness. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6809-6814.	7.1	395
104	Adaptation of neuromagnetic N1 responses to phonetic stimuli by visual speech in humans. NeuroReport, 2004, 15, 2741-4.	1.2	28
105	Neuroscience data and tool sharing. Neuroinformatics, 2003, 1, 149-165.	2.8	54
106	Acute tryptophan depletion does not change somatosensory evoked magnetic fields. Psychopharmacology, 2003, 170, 332-333.	3.1	7
107	Effects of scopolamine on MEG spectral power and coherence in elderly subjects. Clinical Neurophysiology, 2003, 114, 1902-1907.	1.5	80
108	Auditory selective attention modulated by tryptophan depletion in humans. Neuroscience Letters, 2003. 340. 181-184.	2.1	28

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109	NEUROINFORMATICS: THE INTEGRATION OF SHARED DATABASES AND TOOLS TOWARDS INTEGRATIVE NEUROSCIENCE. Journal of Integrative Neuroscience, 2002, 01, 117-128.	1.7	77
110	Memory-based comparison process not attenuated by haloperidol: a combined MEG and EEG study. NeuroReport, 2002, 13, 177-181.	1.2	73
111	Dopamine modulates involuntary attention shifting and reorienting: an electromagnetic study. Clinical Neurophysiology, 2002, 113, 1894-1902.	1.5	112
112	Aging and Cholinergic Modulation of the Transient Magnetic 40-Hz Auditory Response. NeuroImage, 2002, 15, 153-158.	4.2	16
113	Motion and Ballistocardiogram Artifact Removal for Interleaved Recording of EEG and EPs during MRI. NeuroImage, 2002, 16, 1127-1141.	4.2	205
114	Tryptophan Depletion Effects on EEG and MEG Responses Suggest Serotonergic Modulation of Auditory Involuntary Attention in Humans. NeuroImage, 2002, 16, 1052-1061.	4.2	91
115	Serotonin modulates the intensity dependence of auditory-evoked magnetic fields in healthy subjects. Evidence from MEG with tryptophan depletion. International Congress Series, 2002, 1232, 113-117.	0.2	0
116	Serotonin Modulates Early Cortical Auditory Processing in Healthy Subjects. Evidence from MEG with Acute Tryptophan Depletion. Neuropsychopharmacology, 2002, 27, 862-868.	5.4	25
117	Acute trytophan depletion decreases intensity dependence of auditory evoked magnetic N1/P2 dipole source activity. Psychopharmacology, 2002, 164, 221-227.	3.1	42
118	Auditory Sensory Memory and the Cholinergic System: Implications for Alzheimer's Disease. NeuroImage, 2001, 14, 376-382.	4.2	85
119	No evidence for dependence of early cortical auditory processing on dopamine D2-receptor modulation: a whole-head magnetoencephalographic study. Psychiatry Research - Neuroimaging, 2001, 107, 117-123.	1.8	8
120	Preserved stimulus deviance detection in Alzheimer's disease. NeuroReport, 2001, 12, 1649-1652.	1.2	21
121	Scopolamine reduces the P35m and P60m deflections of the human somatosensory evoked magnetic fields. NeuroReport, 2001, 12, 619-623.	1.2	20
122	Effects of Haloperidol on Selective Attention A Combined Whole-Head MEG and High-Resolution EEG Study. Neuropsychopharmacology, 2001, 25, 498-504.	5.4	85
123	Acute and Chronic Effects of Alcohol on Preattentive Auditory Processing as Reflected by Mismatch Negativity. Audiology and Neuro-Otology, 2000, 5, 303-311.	1.3	32
124	Increased Distractibility by Task-Irrelevant Sound Changes in Abstinent Alcoholics. Alcoholism: Clinical and Experimental Research, 2000, 24, 1850-1854.	2.4	47
125	Dose-dependent suppression by ethanol of transient auditory 40-Hz response. Psychopharmacology, 2000, 148, 132-135.	3.1	13
126	Adenosine A 1 /A 2a receptors mediate suppression of mismatch negativity by ethanol in humans. Neuroscience Letters, 2000, 278, 57-60.	2.1	21

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127	Global field power of auditory N1 correlates with impaired verbal-memory performance in human alcoholics. Neuroscience Letters, 2000, 285, 131-134.	2.1	13
128	Suppression of transient 40-Hz auditory response by haloperidol suggests modulation of human selective attention by dopamine D2 receptors. Neuroscience Letters, 2000, 292, 29-32.	2.1	82
129	Occurrence of sialic acids in healthy humans and different disorders. European Journal of Clinical Investigation, 1999, 29, 413-425.	3.4	205
130	Suppression of Mismatch Negativity by Backward Masking Predicts Impaired Working-Memory Performance in Alcoholics. Alcoholism: Clinical and Experimental Research, 1999, 23, 1507-1514.	2.4	33
131	Electrophysiological indices of acute effects of ethanol on involuntary attention shifting. Psychopharmacology, 1999, 141, 16-21.	3.1	53
132	Scopolamine enhances middle-latency auditory evoked magnetic fields. Neuroscience Letters, 1999, 259, 41-44.	2.1	20
133	Post-withdrawal changes in middle-latency auditory evoked potentials in abstinent human alcoholics. Neuroscience Letters, 1999, 268, 57-60.	2.1	10
134	Benzodiazepine temazepam suppresses the transient auditory 40-Hz response amplitude in humans. Neuroscience Letters, 1999, 268, 105-107.	2.1	17
135	Scopolamine augments transient auditory 40-Hz magnetic response in humans. Neuroscience Letters, 1999, 277, 115-118.	2.1	14
136	Impaired preconscious auditory processing and cognitive functions in Alzheimer's disease. Clinical Neurophysiology, 1999, 110, 1942-1947.	1.5	41
137	Temporal span of human echoic memory and mismatch negativity. NeuroReport, 1999, 10, 1305-1308.	1.2	20
138	Selective Acceleration of Auditory Processing in Chronic Alcoholics during Abstinence. Alcoholism: Clinical and Experimental Research, 1998, 22, 605-609.	2.4	20
139	Processing of novel sounds and frequency changes in the human auditory cortex: Magnetoencephalographic recordings. Psychophysiology, 1998, 35, 211-224.	2.4	280
140	Effects of naltrexone and ethanol on auditory event-related brain potentials. Alcohol, 1998, 15, 105-111.	1.7	26
141	Combined mapping of human auditory EEG and MEG responses. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 370-379.	2.0	132
142	The effect of symptom self-management training on rehospitalization for chronic schizophrenia in Finland. International Review of Psychiatry, 1998, 10, 58-61.	2.8	7
143	Resersal of cerebral asymmetry in schizophrenia measured with magnetoencephalography. Schizophrenia Research, 1998, 30, 209-219.	2.0	48
144	Processing of novel sounds and frequency changes in the human auditory cortex: Magnetoencephalographic recordings. Psychophysiology, 1998, 35, 211-224.	2.4	19

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145	Effects of ethanol and auditory distraction on forced choice reaction time. Alcohol, 1996, 13, 153-156.	1.7	35
146	Effect of acute ethanol on auditory and visual event-related potentials: A review and reinterpretation. Biological Psychiatry, 1996, 40, 284-291.	1.3	48
147	Mismatch negativity subcomponents and ethyl alcohol. Biological Psychology, 1996, 43, 13-25.	2.2	60
148	Low Dose of Ethanol Suppresses Mismatch Negativity of Auditory Event-Related Potentials. Alcoholism: Clinical and Experimental Research, 1995, 19, 607-610.	2.4	55
149	Dose-related effect of alcohol on mismatch negativity and reaction time performance. Alcohol, 1995, 12, 491-495.	1.7	30