

# Risto Näätänen

## List of Publications by Year in descending order

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240  
papers

32,037  
citations

3919

88  
h-index

4419

172  
g-index

241  
all docs

241  
docs citations

241  
times ranked

10381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of lifetime major depressive disorder with enhanced attentional sensitivity measured with P3 response in young adult twins. <i>Biological Psychology</i> , 2022, 171, 108345.	1.1	1
2	Aging and non-native speech perception: A phonetic training study. <i>Neuroscience Letters</i> , 2021, 740, 135430.	1.0	1
3	The MMN as a viable and objective marker of auditory development in CI users. <i>Hearing Research</i> , 2017, 353, 57-75.	0.9	36
4	Differences in Pre-Attentive Processes of Sound Intensity Change Between High- and Low-Sensation Seekers. <i>Journal of Psychophysiology</i> , 2017, 31, 29-37.	0.3	1
5	Electrophysiological Indicators of the Age-Related Deterioration in the Sensitivity to Auditory Duration Deviance. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 2.	1.7	17
6	Passive exposure to speech sounds induces long-term memory representations in the auditory cortex of adult rats. <i>Scientific Reports</i> , 2016, 6, 38904.	1.6	8
7	Visual mismatch negativity (vMMN): A review and meta-analysis of studies in psychiatric and neurological disorders. <i>Cortex</i> , 2016, 80, 76-112.	1.1	107
8	Comprehensive auditory discrimination profiles recorded with a fast parametric musical multi-feature mismatch negativity paradigm. <i>Clinical Neurophysiology</i> , 2016, 127, 2065-2077.	0.7	25
9	Mismatch negativity (MMN) as biomarker predicting psychosis in clinically at-risk individuals. <i>Biological Psychology</i> , 2016, 116, 36-40.	1.1	70
10	Criteria for determining whether mismatch responses exist in animal models: Focus on rodents. <i>Biological Psychology</i> , 2016, 116, 28-35.	1.1	69
11	Early Visual Evoked Potentials and Mismatch Negativity in Alzheimer's Disease and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 397-408.	1.2	42
12	Resting-state glutamatergic neurotransmission is related to the peak latency of the auditory mismatch negativity (MMN) for duration deviants: An <sup>1</sup> H-MRS-EEG study. <i>Psychophysiology</i> , 2015, 52, 1131-1139.	1.2	22
13	Mismatch negativity (MMN) deficiency: A break-through biomarker in predicting psychosis onset. <i>International Journal of Psychophysiology</i> , 2015, 95, 338-344.	0.5	86
14	Phonetic training and non-native speech perception – New memory traces evolve in just three days as indexed by the mismatch negativity (MMN) and behavioural measures. <i>International Journal of Psychophysiology</i> , 2015, 97, 23-29.	0.5	30
15	The mismatch negativity as a measure of auditory stream segregation in a simulated “cocktail-party” scenario: effect of age. <i>Neurobiology of Aging</i> , 2015, 36, 3029-3037.	1.5	25
16	Electrophysiological evidence for change detection in speech sound patterns by anesthetized rats. <i>Frontiers in Neuroscience</i> , 2014, 8, 374.	1.4	10
17	Rapid categorization of sound objects in anesthetized rats as indexed by the electrophysiological mismatch response. <i>Psychophysiology</i> , 2014, 51, 1195-1199.	1.2	9
18	Mismatch Negativity (MMN) as an Index of Cognitive Dysfunction. <i>Brain Topography</i> , 2014, 27, 451-466.	0.8	163

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19	Phonological processing differences in bilinguals and monolinguals. <i>International Journal of Psychophysiology</i> , 2013, 87, 8-12.	0.5	8
20	vMMN for schematic faces: automatic detection of change in emotional expression. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 714.	1.0	60
21	Fast parametric evaluation of central speech-sound processing with mismatch negativity (MMN). <i>International Journal of Psychophysiology</i> , 2013, 87, 103-110.	0.5	20
22	Learning-induced neural plasticity of speech processing before birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15145-15150.	3.3	156
23	Unattended and attended visual change detection of motion as indexed by event-related potentials and its behavioral correlates. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 476.	1.0	32
24	Different kinds of bilinguals – Different kinds of brains: The neural organisation of two languages in one brain. <i>Brain and Language</i> , 2012, 121, 261-266.	0.8	19
25	Reading skill and neural processing accuracy improvement after a 3-hour intervention in preschoolers with difficulties in reading-related skills. <i>Brain Research</i> , 2012, 1448, 42-55.	1.1	75
26	Practiced musical style shapes auditory skills. <i>Annals of the New York Academy of Sciences</i> , 2012, 1252, 139-146.	1.8	59
27	The sound of music: Differentiating musicians using a fast, musical multi-feature mismatch negativity paradigm. <i>Neuropsychologia</i> , 2012, 50, 1432-1443.	0.7	121
28	The Mismatch Negativity and Its Magnetic Equivalent: An Index of Language Impairment or More General Cognitive Decline in Autism?. <i>Biological Psychiatry</i> , 2011, 70, 212-213.	0.7	13
29	New fast mismatch negativity paradigm for determining the neural prerequisites for musical ability. <i>Cortex</i> , 2011, 47, 1091-1098.	1.1	84
30	The Mismatch Negativity (MMN)., 2011, ., .		17
31	Auditory processing that leads to conscious perception: A unique window to central auditory processing opened by the mismatch negativity and related responses. <i>Psychophysiology</i> , 2011, 48, 4-22.	1.2	368
32	The mismatch negativity: an index of cognitive decline in neuropsychiatric and neurological diseases and in ageing. <i>Brain</i> , 2011, 134, 3435-3453.	3.7	180
33	No effects of mobile phone use on cortical auditory change-detection in children: An ERP study. <i>Bioelectromagnetics</i> , 2010, 31, 191-199.	0.9	17
34	Abnormal pattern of cortical speech feature discrimination in 6-year-old children at risk for dyslexia. <i>Brain Research</i> , 2010, 1335, 53-62.	1.1	65
35	Automatic auditory intelligence: An expression of the sensory-cognitive core of cognitive processes. <i>Brain Research Reviews</i> , 2010, 64, 123-136.	9.1	135
36	Training the Brain to Weight Speech Cues Differently: A Study of Finnish Second-language Users of English. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1319-1332.	1.1	78

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37	Semantic processing in comatose patients with intact temporal lobes as reflected by the N400 event-related potential. <i>Neuroscience Letters</i> , 2010, 474, 88-92.	1.0	24
38	The mismatch negativity (MMN) with no standard stimulus. <i>Clinical Neurophysiology</i> , 2010, 121, 1043-1050.	0.7	46
39	The adaptive brain: A neurophysiological perspective. <i>Progress in Neurobiology</i> , 2010, 91, 55-67.	2.8	106
40	Preattentive auditory information processing under exposure to the 902 MHz GSM mobile phone electromagnetic field: A mismatch negativity (MMN) study. <i>Bioelectromagnetics</i> , 2009, 30, 241-248.	0.9	13
41	Numerical discrimination in newborn infants as revealed by event-related potentials to tone sequences. <i>European Journal of Neuroscience</i> , 2009, 30, 1620-1624.	1.2	19
42	Somatosensory mismatch negativity: a new clinical tool for developmental neurological research?. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 930-931.	1.1	15
43	Fast multi-feature paradigm for recording several mismatch negativities (MMNs) to phonetic and acoustic changes in speech sounds. <i>Biological Psychology</i> , 2009, 82, 219-226.	1.1	77
44	Welcoming address of the Vice-President (Academic Affairs) at the opening ceremonies of the 14th World Congress of Psychophysiology, "the Olympics of the Brain" I.O.P. 2008. <i>International Journal of Psychophysiology</i> , 2009, 73, 81.	0.5	0
45	Effects of prosodic familiarity on the automatic processing of words in the human brain. <i>International Journal of Psychophysiology</i> , 2009, 73, 362-368.	0.5	32
46	Auditory discrimination profiles of speech sound changes in 6-year-old children as determined with the multi-feature MMN paradigm. <i>Clinical Neurophysiology</i> , 2009, 120, 916-921.	0.7	60
47	Event-related potentials in clinical research: Guidelines for eliciting, recording, and quantifying mismatch negativity, P300, and N400. <i>Clinical Neurophysiology</i> , 2009, 120, 1883-1908.	0.7	934
48	Central auditory dysfunction in schizophrenia as revealed by the mismatch negativity (MMN) and its magnetic equivalent MMNm: a review. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 125.	1.0	211
49	Effects of an NMDA-receptor antagonist MK-801 on an MMN-like response recorded in anesthetized rats. <i>Brain Research</i> , 2008, 1203, 97-102.	1.1	106
50	Deviant Matters: Duration, Frequency, and Intensity Deviants Reveal Different Patterns of Mismatch Negativity Reduction in Early and Late Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 58-64.	0.7	221
51	Mismatch negativity reflects numbers of tones of specific frequencies in humans. <i>Neuroscience Letters</i> , 2008, 436, 138-140.	1.0	3
52	Mismatch negativity (MMN) as an index of central auditory system plasticity. <i>International Journal of Audiology</i> , 2008, 47, S16-S20.	0.9	63
53	Preperceptual Human Number Sense for Sequential Sounds, as Revealed by Mismatch Negativity Brain Response?. <i>Cerebral Cortex</i> , 2007, 17, 2777-2779.	1.6	13
54	Auditory cortical change detection in adults with Asperger syndrome. <i>Neuroscience Letters</i> , 2007, 414, 136-140.	1.0	53

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55	Measurement of extensive auditory discrimination profiles using the mismatch negativity (MMN) of the auditory event-related potential (ERP). <i>Clinical Neurophysiology</i> , 2007, 118, 177-185.	0.7	216
56	Heschl's Gyrus, Posterior Superior Temporal Gyrus, and Mid-Ventrolateral Prefrontal Cortex Have Different Roles in the Detection of Acoustic Changes. <i>Journal of Neurophysiology</i> , 2007, 97, 2075-2082.	0.9	149
57	Processing acoustic change and novelty in newborn infants. <i>European Journal of Neuroscience</i> , 2007, 26, 265-274.	1.2	95
58	The Mismatch Negativity. <i>Journal of Psychophysiology</i> , 2007, 21, 133-137.	0.3	16
59	Implicit, Intuitive, and Explicit Knowledge of Abstract Regularities in a Sound Sequence: An Event-related Brain Potential Study. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1292-1303.	1.1	88
60	Object representation in the human auditory system. <i>European Journal of Neuroscience</i> , 2006, 24, 625-634.	1.2	38
61	Pre-attentive representation of sound duration in the human brain. <i>Psychophysiology</i> , 2006, 43, 272-276.	1.2	11
62	Selective attention to human voice enhances brain activity bilaterally in the superior temporal sulcus. <i>Brain Research</i> , 2006, 1075, 142-150.	1.1	31
63	Mismatch negativity (MMN) elicited by changes in phoneme length: A cross-linguistic study. <i>Brain Research</i> , 2006, 1072, 175-185.	1.1	56
64	Training in Morse code enhances involuntary attentional switching to acoustic frequency: Evidence from ERPs. <i>Brain Research</i> , 2006, 1073-1074, 417-424.	1.1	17
65	Musical scale properties are automatically processed in the human auditory cortex. <i>Brain Research</i> , 2006, 1117, 162-174.	1.1	162
66	Separate Neural Processing of Timbre Dimensions in Auditory Sensory Memory. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1959-1972.	1.1	103
67	Phoneme quality and quantity are processed independently in the human brain. <i>NeuroReport</i> , 2005, 16, 1857-1860.	0.6	10
68	Memory-based or afferent processes in mismatch negativity (MMN): A review of the evidence. <i>Psychophysiology</i> , 2005, 42, 25-32.	1.2	533
69	A kind of auditory "primitive intelligence" already present at birth. <i>European Journal of Neuroscience</i> , 2005, 21, 3201-3204.	1.2	84
70	Auditory organization of sound sequences by a temporal or numerical regularity—a mismatch negativity study comparing musicians and non-musicians. <i>Cognitive Brain Research</i> , 2005, 23, 270-276.	3.3	90
71	Preattentive representation of feature conjunctions for concurrent spatially distributed auditory objects. <i>Cognitive Brain Research</i> , 2005, 25, 169-179.	3.3	53
72	Speech-sound duration processing in a second language is specific to phonetic categories. <i>Brain and Language</i> , 2005, 92, 26-32.	0.8	44

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73	The discrimination of and orienting to speech and non-speech sounds in children with autism. <i>Brain Research</i> , 2005, 1066, 147-157.	1.1	250
74	Testâ€“retest stability of the magnetic mismatch response (MMNm). <i>Clinical Neurophysiology</i> , 2005, 116, 1897-1905.	0.7	27
75	The role of blind humansâ€™ visual cortex in auditory change detection. <i>Neuroscience Letters</i> , 2005, 379, 127-131.	1.0	69
76	Mismatch Negativity Brain Response as an Index of Speech Perception Recovery in Cochlear-Implant Recipients. <i>Audiology and Neuro-Otology</i> , 2004, 9, 160-162.	0.6	37
77	Grouping of Sequential Soundsâ€“An Event-Related Potential Study Comparing Musicians and Nonmusicians. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 331-338.	1.1	101
78	Newborn human brain identifies repeated auditory feature conjunctions of low sequential probability. <i>European Journal of Neuroscience</i> , 2004, 20, 2819-2821.	1.2	28
79	Word-specific cortical activity as revealed by the mismatch negativity. <i>Psychophysiology</i> , 2004, 41, 106-112.	1.2	118
80	Automatic time perception in the human brain for intervals ranging from milliseconds to seconds. <i>Psychophysiology</i> , 2004, 41, 660-663.	1.2	74
81	Long-term exposure to noise impairs cortical sound processing and attention control. <i>Psychophysiology</i> , 2004, 41, 875-881.	1.2	78
82	Effects of auditory distraction on electrophysiological brain activity and performance in children aged 8-13 years. <i>Psychophysiology</i> , 2004, 41, 30-36.	1.2	106
83	Frequency discrimination at different frequency levels as indexed by electrophysiological and behavioral measures. <i>Cognitive Brain Research</i> , 2004, 20, 26-36.	3.3	124
84	Linguistic processing in visual and modality-nonspecific brain areas: PET recordings during selective attention. <i>Cognitive Brain Research</i> , 2004, 20, 309-322.	3.3	36
85	Neurophysiologic correlates of deficient phonological representations and object naming in prematurely born children. <i>Clinical Neurophysiology</i> , 2004, 115, 179-187.	0.7	57
86	The processing of speech and non-speech sounds in aphasic patients as reflected by the mismatch negativity (MMN). <i>Neuroscience Letters</i> , 2004, 366, 235-240.	1.0	57
87	The mismatch negativity (MMN): towards the optimal paradigm. <i>Clinical Neurophysiology</i> , 2004, 115, 140-144.	0.7	581
88	Automatic and controlled processing of acoustic and phonetic contrasts. <i>Hearing Research</i> , 2004, 190, 128-140.	0.9	47
89	Hemispheric processing of duration changes in speech and non-speech sounds. <i>NeuroReport</i> , 2004, 15, 1683-1686.	0.6	23
90	Speech-sound discrimination in neonates as measured with MEG. <i>NeuroReport</i> , 2004, 15, 2089-2092.	0.6	76

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91	Preattentive auditory context effects. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003, 3, 57-77.	1.0	61
92	The mismatch negativity and reaction time as indices of the perceptual distance between the corresponding vowels of two related languages. <i>Cognitive Brain Research</i> , 2003, 16, 250-256.	3.3	24
93	Linguistic relevance of duration within the native language determines the accuracy of speech-sound duration processing. <i>Cognitive Brain Research</i> , 2003, 16, 492-495.	3.3	68
94	Language context and phonetic change detection. <i>Cognitive Brain Research</i> , 2003, 17, 833-844.	3.3	24
95	The N1 hypothesis and irrelevant sound: evidence from token set size effects. <i>Cognitive Brain Research</i> , 2003, 18, 39-47.	3.3	30
96	Native and foreign vowel discrimination as indexed by the mismatch negativity (MMN) response. <i>Neuroscience Letters</i> , 2003, 352, 25-28.	1.0	70
97	Deficient auditory processing in children with Asperger Syndrome, as indexed by event-related potentials. <i>Neuroscience Letters</i> , 2003, 338, 197-200.	1.0	126
98	Deficient speech-sound processing, as shown by the electrophysiologic brain mismatch negativity response, and naming ability in prematurely born children. <i>Neuroscience Letters</i> , 2003, 348, 5-8.	1.0	34
99	Welcoming Address of the Vice-President (Academic Affairs) at the Opening Ceremonies of the 11th World Congress of Psychophysiology, I.O.P., 2002. <i>International Journal of Psychophysiology</i> , 2003, 48, 87-88.	0.5	1
100	Mismatch negativity: clinical research and possible applications. <i>International Journal of Psychophysiology</i> , 2003, 48, 179-188.	0.5	214
101	Grammar Processing Outside the Focus of Attention: an MEG Study. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 1195-1206.	1.1	107
102	Native and foreign vowel discrimination as indexed by the mismatch negativity (MMN) response. <i>Neuroscience Letters</i> , 2003, 352, 25-25.	1.0	6
103	Newborn infants can organize the auditory world. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11812-11815.	3.3	186
104	Auditory Discrimination After Left-Hemisphere Stroke. <i>Stroke</i> , 2003, 34, 1746-1751.	1.0	63
105	Human auditory cortex tracks task-irrelevant sound sources. <i>NeuroReport</i> , 2003, 14, 2053-2056.	0.6	49
106	Electric brain responses indicate preattentive processing of abstract acoustic regularities in children. <i>NeuroReport</i> , 2003, 14, 1411-1415.	0.6	22
107	Auditory magnetic responses of healthy newborns. <i>NeuroReport</i> , 2003, 14, 1871-1875.	0.6	75
108	Plastic cortical changes induced by learning to communicate with non-speech sounds. <i>NeuroReport</i> , 2003, 14, 1683-1687.	0.6	27

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109	The newborn human brain binds sound features together. <i>NeuroReport</i> , 2003, 14, 2117-2119.	0.6	38
110	Auditory Environment and Change Detection as Indexed by the Mismatch Negativity (MMN). , 2003, , 1-22.		5
111	Mismatch Negativity. , 2003, , 343-VIII.		2
112	Simultaneous storage of two complex temporal sound patterns in auditory sensory memory. <i>NeuroReport</i> , 2002, 13, 1747-1751.	0.6	25
113	Auditory Sensory Impairment in Children With Oral Clefts as Indexed by Auditory Event-Related Potentials. <i>Journal of Craniofacial Surgery</i> , 2002, 13, 554-566.	0.3	30
114	Abstract phoneme representations in the left temporal cortex: magnetic mismatch negativity study. <i>NeuroReport</i> , 2002, 13, 1813-1816.	0.6	110
115	Maturation of cortical sound processing as indexed by event-related potentials. <i>Clinical Neurophysiology</i> , 2002, 113, 870-882.	0.7	258
116	Temporal integration: intentional sound discrimination does not modulate stimulus-driven processes in auditory event synthesis. <i>Clinical Neurophysiology</i> , 2002, 113, 1909-1920.	0.7	31
117	Sound complexity and "speechness" effects on pre-attentive auditory discrimination in children. <i>International Journal of Psychophysiology</i> , 2002, 43, 199-211.	0.5	48
118	The perception of speech sounds by the human brain as reflected by the mismatch negativity brain response. <i>International Congress Series</i> , 2002, 1232, 97-105.	0.2	1
119	Electric brain response to sound repetition in humans: an index of long-term-memory "trace formation?". <i>Neuroscience Letters</i> , 2002, 318, 49-51.	1.0	32
120	Mismatch negativity shows that 3-6-year-old children can learn to discriminate non-native speech sounds within two months. <i>Neuroscience Letters</i> , 2002, 325, 187-190.	1.0	84
121	Context modulates processing of speech sounds in the right auditory cortex of human subjects. <i>Neuroscience Letters</i> , 2002, 331, 91-94.	1.0	26
122	Distinct Gamma-Band Evoked Responses to Speech and Non-Speech Sounds in Humans. <i>Journal of Neuroscience</i> , 2002, 22, RC211-RC211.	1.7	89
123	Event-related potential features indexing central auditory discrimination by newborns. <i>Cognitive Brain Research</i> , 2002, 13, 101-113.	3.3	96
124	Top-down effects can modify the initially stimulus-driven auditory organization. <i>Cognitive Brain Research</i> , 2002, 13, 393-405.	3.3	143
125	The auditory sensory memory trace decays rapidly in newborns. <i>Scandinavian Journal of Psychology</i> , 2002, 43, 33-39.	0.8	109
126	Memory Traces for Words as Revealed by the Mismatch Negativity. <i>NeuroImage</i> , 2001, 14, 607-616.	2.1	277



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127	Auditory stream segregation processes operate similarly in school-aged children and adults. <i>Hearing Research</i> , 2001, 153, 108-114.	0.9	50
128	The additivity of the auditory feature analysis in the human brain as indexed by the mismatch negativity: $1+1 \neq 2$ but $1+1+1 < 3$ . <i>Neuroscience Letters</i> , 2001, 301, 179-182.	1.0	52
129	Brain activity index of distractibility in normal school-age children. <i>Neuroscience Letters</i> , 2001, 314, 147-150.	1.0	73
130	“Primitive intelligence”™ in the auditory cortex. <i>Trends in Neurosciences</i> , 2001, 24, 283-288.	4.2	726
131	Children's Auditory Event-Related Potentials Index Sound Complexity and “Speechness”. <i>International Journal of Neuroscience</i> , 2001, 109, 245-260.	0.8	69
132	Common neural mechanism for processing onset-to-onset intervals and silent gaps in sound sequences. <i>NeuroReport</i> , 2001, 12, 1783-1787.	0.6	16
133	Changes in acoustic features and their conjunctions are processed by separate neuronal populations. <i>NeuroReport</i> , 2001, 12, 525-529.	0.6	37
134	The mismatch negativity in evaluating central auditory dysfunction in dyslexia. <i>Neuroscience and Biobehavioral Reviews</i> , 2001, 25, 535-543.	2.9	92
135	Preattentive processing of spectral, temporal, and structural characteristics of acoustic regularities: A mismatch negativity study. <i>Psychophysiology</i> , 2001, 38, 92-98.	1.2	37
136	The perception of speech sounds by the human brain as reflected by the mismatch negativity (MMN) and its magnetic equivalent (MMNm). <i>Psychophysiology</i> , 2001, 38, 1-21.	1.2	576
137	Preattentive extraction of abstract feature conjunctions from auditory stimulation as reflected by the mismatch negativity (MMN). <i>Psychophysiology</i> , 2001, 38, 359-365.	1.2	117
138	Effects of Haloperidol on Selective Attention A Combined Whole-Head MEG and High-Resolution EEG Study. <i>Neuropsychopharmacology</i> , 2001, 25, 498-504.	2.8	85
139	Superior Formation of Cortical Memory Traces for Melodic Patterns in Musicians. <i>Learning and Memory</i> , 2001, 8, 295-300.	0.5	185
140	The perception of speech sounds by the human brain as reflected by the mismatch negativity (MMN) and its magnetic equivalent (MMNm). <i>Psychophysiology</i> , 2001, 38, 1-21.	1.2	146
141	Preattentive extraction of abstract feature conjunctions from auditory stimulation as reflected by the mismatch negativity (MMN). , 2001, 38, 359.		8
142	Auditory Processing in Asperger Syndrome Children. <i>International Journal of Circumpolar Health</i> , 2001, 60, 40-40.	0.5	0
143	Speech vs. Non-Speech Processing in Infantile Autism. <i>International Journal of Circumpolar Health</i> , 2001, 60, 63-63.	0.5	0
144	Auditory cortex evoked magnetic fields and lateralization of speech processing. <i>NeuroReport</i> , 2000, 11, 2893-2896.	0.6	35

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145	Basic auditory dysfunction in dyslexia as demonstrated by brain activity measurements. <i>Psychophysiology</i> , 2000, 37, 262-266.	1.2	134
146	Increased Distractibility by Task-Irrelevant Sound Changes in Abstinent Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1850-1854.	1.4	47
147	Dose-dependent suppression by ethanol of transient auditory 40-Hz response. <i>Psychopharmacology</i> , 2000, 148, 132-135.	1.5	13
148	Adenosine A <sub>1</sub> /A <sub>2a</sub> receptors mediate suppression of mismatch negativity by ethanol in humans. <i>Neuroscience Letters</i> , 2000, 278, 57-60.	1.0	21
149	Cross-modal reorganization of human cortical functions. <i>Trends in Neurosciences</i> , 2000, 23, 115-120.	4.2	218
150	Mismatch negativity (MMN): perspectives for application. <i>International Journal of Psychophysiology</i> , 2000, 37, 3-10.	0.5	151
151	Human auditory-cortex mechanisms of preattentive sound discrimination. <i>Neuroscience Letters</i> , 2000, 280, 87-90.	1.0	86
152	Hemispheric lateralization in an analysis of speech sounds. <i>Cognitive Brain Research</i> , 2000, 10, 119-124.	3.3	33
153	Discrimination of Speech and of Complex Nonspeech Sounds of Different Temporal Structure in the Left and Right Cerebral Hemispheres. <i>NeuroImage</i> , 2000, 12, 657-663.	2.1	158
154	Basic auditory dysfunction in dyslexia as demonstrated by brain activity measurements. , 2000, 37, 262.		14
155	Brain responses reveal the learning of foreign language phonemes. <i>Psychophysiology</i> , 1999, 36, 638-642.	1.2	261
156	Suppression of Mismatch Negativity by Backward Masking Predicts Impaired Working-Memory Performance in Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 1507-1514.	1.4	33
157	Frequency change detection in human auditory cortex. <i>Journal of Computational Neuroscience</i> , 1999, 6, 99-120.	0.6	157
158	Pre-attentive detection of vowel contrasts utilizes both phonetic and auditory memory representations. <i>Cognitive Brain Research</i> , 1999, 7, 357-369.	3.3	177
159	Temporal integration of auditory stimulus deviance as reflected by the mismatch negativity. <i>Neuroscience Letters</i> , 1999, 264, 161-164.	1.0	70
160	Neuronal populations in the human brain extracting invariant relationships from acoustic variance. <i>Neuroscience Letters</i> , 1999, 265, 179-182.	1.0	84
161	Separation of contamination caused by coil clicks from responses elicited by transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 1999, 110, 982-985.	0.7	88
162	A method for generating natural-sounding speech stimuli for cognitive brain research. <i>Clinical Neurophysiology</i> , 1999, 110, 1329-1333.	0.7	124

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163	The concept of auditory stimulus representation in cognitive neuroscience.. Psychological Bulletin, 1999, 125, 826-859.	5.5	939
164	Children's performance on pseudoword repetition depends on auditory trace quality: Evidence from event-related potentials.. Developmental Psychology, 1999, 35, 709-720.	1.2	36
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