IstvÃ¡n Winkler

List of Publications by Year
in descending order

210 papers	15,382 citations	18436 62 h-index	19690 117 g-index
222 all docs	222 docs citations	222 times ranked	5787 citing authors

#	Article	IF	Citations
1	Mit vÃ¡rhatunk a kognitÃv pszicholÃ³giÃ¡tÃ³l?. Magyar Pszichologiai Szemle, 2022, 76, 647-649.	0.1	0
2	Relevance to the higher order structure may govern auditory statistical learning in neonates. Scientific Reports, 2022, 12, 5905.	1.6	1
3	More efficient formation of longer-term representations for word forms at birth can be linked to better language skills at 2 years. Developmental Cognitive Neuroscience, 2022, , 101113.	1.9	1
4	Auditory Perceptual Organization. , 2022, , 277-288.		0
5	Auditory Event-Related Potentials. , 2022, , 238-262.		0
6	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. Clinical EEG and Neuroscience, 2021, 52, 3-28.	0.9	13
7	Who said what? The effects of speech tempo on target detection and information extraction in a multiâ€talker situation: An ERP and functional connectivity study. Psychophysiology, 2021, 58, e13747.	1.2	5
8	Word class and word frequency in the MMN looking glass. Brain and Language, 2021, 218, 104964.	0.8	7
9	Shorter Contextual Timescale Rather Than Memory Deficit in Aging. Cerebral Cortex, 2021, , .	1.6	1
10	Predictive coding in auditory perception: challenges and unresolved questions. European Journal of Neuroscience, 2020, 51, 1151-1160.	1.2	46
11	Short-term cognitive fatigue effect on auditory temporal order judgments. Experimental Brain Research, 2020, 238, 305-319.	0.7	9
12	Newborn infants differently process adult directed and infant directed speech. International Journal of Psychophysiology, 2020, 147, 107-112.	0.5	9
13	Spatial cues can support auditory figure-ground segregation. Journal of the Acoustical Society of America, 2020, 147, 3814-3818.	0.5	3
14	The effects of speech processing units on auditory stream segregation and selective attention in a multi-talker (cocktail party) situation. Cortex, 2020, 130, 387-400.	1.1	7
15	Linguistic predictability influences auditory stimulus classification within two concurrent speech streams. Psychophysiology, 2020, 57, e13547.	1.2	5
16	Setting precedent: Initial feature variability affects the subsequent precision of regularly varying sound contexts. Psychophysiology, 2020, 57, e13528.	1.2	13
17	Neuronal Correlates of Informational and Energetic Masking in the Human Brain in a Multi-Talker Situation. Frontiers in Psychology, 2019, 10, 786.	1.1	19
18	Childrenâ€™s perception of visual and auditory ambiguity and its link to executive functions and creativity. Journal of Experimental Child Psychology, 2019, 184, 123-138.	0.7	1

#	Article	IF	Citations
19	Temporal boundary of auditory event formation: An electrophysiological marker. International Journal of Psychophysiology, 2019, 140, 53-61.	0.5	5
20	Attention and speech-processing related functional brain networks activated in a multi-speaker environment. PLoS ONE, 2019, 14, e0212754.	1.1	19
21	Functional brain networks underlying idiosyncratic switching patterns in multi-stable auditory perception. Neuropsychologia, 2018, 108, 82-91.	0.7	7
22	The cognitive resource and foreknowledge dependence of auditory perceptual inference. Neuropsychologia, 2018, 117, 379-388.	0.7	14
23	Similar but separate systems underlie perceptual bistability in vision and audition. Scientific Reports, 2018, 8, 7106.	1.6	31
24	The effects of attention and task-relevance on the processing of syntactic violations during listening to two concurrent speech streams. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 932-948.	1.0	11
25	The role of temporal integration in auditory stream segregation.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1683-1693.	0.7	5
26	Largeâ€scale network organization of EEG functional connectivity in newborn infants. Human Brain Mapping, 2017, 38, 4019-4033.	1.9	56
27	Auditory multistability and neurotransmitter concentrations in the human brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160110.	1.8	44
28	EEG correlates of speech: Examination of event related potentials elicited by phoneme classes. , 2017, , .		6
29	Computational Models of Auditory Scene Analysis: A Review. Frontiers in Neuroscience, 2016, 10, 524.	1.4	34
30	Assessing the validity of subjective reports in the auditory streaming paradigm. Journal of the Acoustical Society of America, 2016, 139, 1762-1772.	0.5	14
31	Theta oscillations accompanying concurrent auditory stream segregation. International Journal of Psychophysiology, 2016, 106, 141-151.	0.5	3
32	Mismatch response (MMR) in neonates: Beyond refractoriness. Biological Psychology, 2016, 117, 26-31.	1.1	19
33	Relative Pitch Perception and the Detection of Deviant Tone Patterns. Advances in Experimental Medicine and Biology, 2016, 894, 409-417.	0.8	3
34	Promoting the perception of two and three concurrent sound objects: An event-related potential study. International Journal of Psychophysiology, 2016, 107, 16-28.	0.5	1
35	Transitional Probabilities Are Prioritized over Stimulus/Pattern Probabilities in Auditory Deviance Detection: Memory Basis for Predictive Sound Processing. Journal of Neuroscience, 2016, 36, 9572-9579.	1.7	34
36	EEG signatures accompanying auditory figure-ground segregation. NeuroImage, 2016, 141, 108-119.	2.1	19

#	Article	IF	Citations
37	Biased relevance filtering in the auditory system: A test of confidence-weighted first-impressions. Biological Psychology, 2016, 115, 101-111.	1.1	16
38	Surprising sequential effects on MMN. Biological Psychology, 2016, 116, 47-56.	1.1	23
39	Auditory Multi-Stability: Idiosyncratic Perceptual Switching Patterns, Executive Functions and Personality Traits. PLoS ONE, 2016, 11, e0154810.	1.1	11
40	Comparison of skewness-based salient event detector algorithms in speech. , 2015, , .		1
41	Processing of Horizontal Sound Localization Cues in Newborn Infants. Ear and Hearing, 2015, 36, 550-556.	1.0	6
42	ElÅ‘bb az Ã¶sszetett, kÃ©sÅ‘bb az egyszerÅ±: CsecsemÅ‘k magasabb szintÅ± hangfeldolgozÃ¡si kÃ©pessÃ©gei a beszÃ©dÃ©rtÃ©s elÅ‘tti idÅ‘szakban. Magyar Pszichologiai Szemle, 2015, 70, 675-721.	0.1	0
43	Newborn Infants Detect Cues of Concurrent Sound Segregation. Developmental Neuroscience, 2015, 37, 172-181.	1.0	52
44	Differences between human auditory event-related potentials (AERPs) measured at 2 and 4months after birth. International Journal of Psychophysiology, 2015, 97, 75-83.	0.5	12
45	Maternal mindfulness and anxiety during pregnancy affect infantsâ€™ neural responses to sounds. Social Cognitive and Affective Neuroscience, 2015, 10, 453-460.	1.5	44
46	Detecting the temporal structure of sound sequences in newborn infants. International Journal of Psychophysiology, 2015, 96, 23-28.	0.5	80
47	Auditory perceptual objects as generative models: Setting the stage for communication by sound. Brain and Language, 2015, 148, 1-22.	0.8	68
48	Predictive processing of pitch trends in newborn infants. Brain Research, 2015, 1626, 14-20.	1.1	31
49	Auditory Perceptual Organization. , 2015, , 240-252.		4
50	Auditory Event-Related Potentials. , 2015, , 209-233.		3
51	Stable individual characteristics in the perception of multiple embedded patterns in multistable auditory stimuli. Frontiers in Neuroscience, 2014, 8, 25.	1.4	38
52	Do audio-visual motion cues promote segregation of auditory streams?. Frontiers in Neuroscience, 2014, 8, 64.	1.4	6
53	Mismatch negativity (MMN) to pitch change is susceptible to order-dependent bias. Frontiers in Neuroscience, 2014, 8, 180.	1.4	34
54	The effects of rhythm and melody on auditory stream segregation. Journal of the Acoustical Society of America, 2014, 135, 1392-1405.	0.5	22

#	Article	IF	Citations
55	Altering the primacy biasâ€"How does a prior task affect mismatch negativity?. Psychophysiology, 2014, 51, 437-445.	1.2	26
56	Effects of multiple congruent cues on concurrent sound segregation during passive and active listening: An event-related potential (ERP) study. Biological Psychology, 2014, 100, 20-33.	1.1	11
57	What controls gain in gain control? Mismatch negativity (MMN), priors and system biases. Brain Topography, 2014, 27, 578-589.	0.8	35
58	Predictive Regularity Representations in Violation Detection and Auditory Stream Segregation: From Conceptual to Computational Models. Brain Topography, 2014, 27, 565-577.	0.8	75
59	Feature Predictability Flexibly Supports Auditory Stream Segregation or Integration. Acta Acustica United With Acustica, 2014, 100, 888-899.	0.8	10
60	Auditory Perceptual Organization. , 2014, , 1-15.		1
61	Event-related potential correlates of sound organization: Early sensory and late cognitive effects. Biological Psychology, 2013, 93, 97-104.	1.1	29
62	Foregroundâ€background discrimination indicated by eventâ€related brain potentials in a new auditory multistability paradigm. Psychophysiology, 2013, 50, 1239-1250.	1.2	15
63	Detecting violations of temporal regularities in waking and sleeping two-month-old infants. Biological Psychology, 2013, 92, 315-322.	1.1	34
64	Modelling the Emergence and Dynamics of Perceptual Organisation in Auditory Streaming. PLoS Computational Biology, 2013, 9, e1002925.	1.5	72
65	Different roles of similarity and predictability in auditory stream segregation. Learning & Perception, 2013, 5, 37-54.	2.4	24
66	The role of perceived source location in auditory stream segregation: Separation affects sound organization, common fate does not. Learning & Perception, 2013, 5, 55-72.	2.4	6
67	Perceptual bistability in auditory streaming: How much do stimulus features matter?. Learning & Perception, 2013, 5, 73-100.	2.4	43
68	Modulation-frequency acts as a primary cue for auditory stream segregation. Learning & Perception, 2013, 5, 149-161.	2.4	14
69	Separating acoustic deviance from novelty during the first year of life: a review of event-related potential evidence. Frontiers in Psychology, 2013, 4, 595.	1.1	72
70	Context effects on processing widely deviant sounds in newborn infants. Frontiers in Psychology, 2013, 4, 674.	1.1	8
71	Auditory Event-related Potentials. , 2013, , 1-29.		20
72	Modeling auditory stream segregation by predictive processes. , 2012, , .		0

#	Article	IF	Citations
73	Competing predictive regularity representations in an abstract model of auditory stream segregation (CHAINS). International Journal of Psychophysiology, 2012, 85, 317.	0.5	1
74	Characterising switching behaviour in perceptual multi-stability. Journal of Neuroscience Methods, 2012, 210, 79-92.	1.3	34
75	Evidence from auditory and visual event-related potential (ERP) studies of deviance detection (MMN) Tj ETQq1 1 0.784314 rgBT /Ove Journal of Psychophysiology, 2012, 83, 132-143.	0.5	202
76	Introductory notes on â€œPredictive information processing in the brain: Principles, neural mechanisms, and modelsâ€• International Journal of Psychophysiology, 2012, 83, 119.	0.5	2
77	Multistability in auditory stream segregation: a predictive coding view. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1001-1012.	1.8	94
78	Impact of lower- vs. upper-hemifield presentation on automatic colour-deviance detection: A visual mismatch negativity study. Brain Research, 2012, 1472, 89-98.	1.1	26
79	Regularity Extraction from Non-Adjacent Sounds. Frontiers in Psychology, 2012, 3, 143.	1.1	30
80	Recording Event-Related Brain Potentials: Application to Study Auditory Perception. Springer Handbook of Auditory Research, 2012, , 69-96.	0.3	14
81	A multimodal-corpus data collection system for cognitive acoustic scene analysis. , 2011, , .		7
82	CHAINS: Competition and cooperation between fragmentary event predictors in a Model of Auditory Scene Analysis. , 2011, , .		7
83	Preventing distraction: Assessing stimulus-specific and general effects of the predictive cueing of deviant auditory events. Biological Psychology, 2011, 87, 35-48.	1.1	41
84	Auditory processing that leads to conscious perception: A unique window to central auditory processing opened by the mismatch negativity and related responses. Psychophysiology, 2011, 48, 4-22.	1.2	368
85	Visual Object Representations Can Be Formed outside the Focus of Voluntary Attention: Evidence from Event-related Brain Potentials. Journal of Cognitive Neuroscience, 2010, 22, 1179-1188.	1.1	44
86	Phase Entrainment of Human Delta Oscillations Can Mediate the Effects of Expectation on Reaction Speed. Journal of Neuroscience, 2010, 30, 13578-13585.	1.7	364
87	Regular patterns stabilize auditory streams. Journal of the Acoustical Society of America, 2010, 128, 3658-3666.	0.5	87
88	Predictive models in auditory stream segregation. International Journal of Psychophysiology, 2010, 77, 215-215.	0.5	1
89	Distraction in a continuous-stimulation detection task. Biological Psychology, 2010, 83, 229-238.	1.1	41
90	Probability dependence and functional separation of the object-related and mismatch negativity event-related potential components. NeuroImage, 2010, 50, 285-290.	2.1	21

#	Article	IF	Citations
91	Stability of Perceptual Organisation in Auditory Streaming. , 2010, , 477-487.		23
92	3. In search for auditory object representations. Advances in Consciousness Research, 2010, , 71-106.	0.2	5
93	Newborn infants detect the beat in music. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2468-2471.	3.3	451
94	I Heard That Coming: Event-Related Potential Evidence for Stimulus-Driven Prediction in the Auditory System. Journal of Neuroscience, 2009, 29, 8447-8451.	1.7	173
95	Is Beat Induction Innate or Learned?. Annals of the New York Academy of Sciences, 2009, 1169, 93-96.	1.8	41
96	Timbreâ€independent extraction of pitch in newborn infants. Psychophysiology, 2009, 46, 69-74.	1.2	40
97	Auditory size-deviant detection in adults and newborn infants. Biological Psychology, 2009, 82, 169-175.	1.1	13
98	Deviance detection in congruent audiovisual speech: Evidence for implicit integrated audiovisual memory representations. Biological Psychology, 2009, 82, 281-292.	1.1	17
99	Modeling the auditory scene: predictive regularity representations and perceptual objects. Trends in Cognitive Sciences, 2009, 13, 532-540.	4.0	474
100	Age-related differences in distraction and reorientation in an auditory task. Neurobiology of Aging, 2009, 30, 1157-1172.	1.5	103
101	Newborn infants process pitch intervals. Clinical Neurophysiology, 2009, 120, 304-308.	0.7	83
102	Probing Attentive and Preattentive Emergent Meter in Adult Listeners without Extensive Music Training. Music Perception, 2009, 26, 377-386.	0.5	112
103	MMN or no MMN: No magnitude of deviance effect on the MMN amplitude. Psychophysiology, 2008, 45, 60-69.	1.2	74
104	Early differential processing of verbs and nouns in the human brain as indexed by event-related brain potentials. European Journal of Neuroscience, 2008, 27, 1561-1565.	1.2	13
105	Units of sound representation and temporal integration: A mismatch negativity study. Neuroscience Letters, 2008, 436, 85-89.	1.0	7
106	Do N1/MMN, P3a, and RON form a strongly coupled chain reflecting the three stages of auditory distraction?. Biological Psychology, 2008, 79, 139-147.	1.1	220
107	The temporal window of integration in elderly and young adults. Neurobiology of Aging, 2007, 28, 964-975.	1.5	38
108	The development of the perceptual organization of sound by frequency separation in 5â€“11-year-old children. Hearing Research, 2007, 225, 117-127.	0.9	55

#	Article	IF	Citations
109	Interpreting the Mismatch Negativity. Journal of Psychophysiology, 2007, 21, 147-163.	0.3	474
110	Processing acoustic change and novelty in newborn infants. European Journal of Neuroscience, 2007, 26, 265-274.	1.2	95
111	N1 and the mismatch negativity are spatiotemporally distinct ERP components: Disruption of immediate memory by auditory distraction can be related to N1. Psychophysiology, 2007, 44, 530-540.	1.2	47
112	Backward masking and visual mismatch negativity: Electrophysiological evidence for memory-based detection of deviant stimuli. Psychophysiology, 2007, 44, 610-619.	1.2	38
113	Auditory temporal grouping in newborn infants. Psychophysiology, 2007, 44, 697-702.	1.2	56
114	The role of attention in the formation of auditory streams. Perception & Psychophysics, 2007, 69, 136-152.	2.3	147
115	ERPs and deviance detection: Visual mismatch negativity to repeated visual stimuli. Neuroscience Letters, 2006, 401, 178-182.	1.0	82
116	Object representation in the human auditory system. European Journal of Neuroscience, 2006, 24, 625-634.	1.2	38
117	Loudness summation and the mismatch negativity event-related brain potential in humans. Psychophysiology, 2006, 43, 13-20.	1.2	25
118	Association between dopamine D4 receptor (DRD4) gene polymorphisms and novelty-elicited auditory event-related potentials in preschool children. Brain Research, 2006, 1103, 150-158.	1.1	18
119	Visual temporal window of integration as revealed by the visual mismatch negativity event-related potential to stimulus omissions. Brain Research, 2006, 1104, 129-140.	1.1	44
120	The role of predictive models in the formation of auditory streams. Journal of Physiology (Paris), 2006, 100, 154-170.	2.1	132
121	Memory-based or afferent processes in mismatch negativity (MMN): A review of the evidence. Psychophysiology, 2005, 42, 25-32.	1.2	533
122	Auditory organization of sound sequences by a temporal or numerical regularityâ€”a mismatch negativity study comparing musicians and non-musicians. Cognitive Brain Research, 2005, 23, 270-276.	3.3	90
123	Preattentive representation of feature conjunctions for concurrent spatially distributed auditory objects. Cognitive Brain Research, 2005, 25, 169-179.	3.3	53
124	Event-related brain potentials reveal multiple stages in the perceptual organization of sound. Cognitive Brain Research, 2005, 25, 291-299.	3.3	67
125	From Sensory to Long-Term Memory. Experimental Psychology, 2005, 52, 3-20.	0.3	96
126	Familiarity Affects the Processing of Task-irrelevant Auditory Deviance. Journal of Cognitive Neuroscience, 2005, 17, 1704-1713.	1.1	65

#	Article	IF	Citations
127	Preattentive Binding of Auditory and Visual Stimulus Features. Journal of Cognitive Neuroscience, 2005, 17, 320-339.	1.1	122
128	Effects of temporal grouping on the memory representation of inter-tone relationships. Biological Psychology, 2005, 68, 41-60.	1.1	16
129	Disruption of immediate memory and brain processes: an auditory ERP protocol. Brain Research Protocols, 2005, 14, 77-86.	1.7	8
130	Grouping of Sequential Soundsâ€"An Event-Related Potential Study Comparing Musicians and Nonmusicians. Journal of Cognitive Neuroscience, 2004, 16, 331-338.	1.1	101
131	Long-term exposure to noise impairs cortical sound processing and attention control. Psychophysiology, 2004, 41, 875-881.	1.2	78
132	Pre-attentive auditory processing of lexicality. Brain and Language, 2004, 88, 54-67.	0.8	72
133	How the human auditory system treats repetition amongst change. Neuroscience Letters, 2004, 368, 157-161.	1.0	37
134	Top-down control over involuntary attention switching in the auditory modality. Psychonomic Bulletin and Review, 2003, 10, 630-637.	1.4	167
135	Preattentive auditory context effects. Cognitive, Affective and Behavioral Neuroscience, 2003, 3, 57-77.	1.0	61
136	Language context and phonetic change detection. Cognitive Brain Research, 2003, 17, 833-844.	3.3	24
137	The N1 hypothesis and irrelevant sound: evidence from token set size effects. Cognitive Brain Research, 2003, 18, 39-47.	3.3	30
138	MMN and attention: Competition for deviance detection. Psychophysiology, 2003, 40, 430-435.	1.2	112
139	Representation of the standard: Stimulus context effects on the process generating the mismatch negativity component of event-related brain potentials. Psychophysiology, 2003, 40, 465-471.	1.2	37
140	Processing abstract auditory features in the human auditory cortex. NeuroImage, 2003, 20, 2245-2258.	2.1	71
141	Mismatch negativity to pitch change: varied stimulus proportions in controlling effects of neural refractoriness on human auditory event-related brain potentials. Neuroscience Letters, 2003, 344, 79-82.	1.0	88
142	Newborn infants can organize the auditory world. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11812-11815.	3.3	186
143	Modeling the Modeling. American Journal of Psychology, 2003, 116, 336.	0.5	0
144	Spectral and temporal stimulus characteristics in the processing of abstract auditory features. NeuroReport, 2003, 14, 715-718.	0.6	27

#	Article	IF	Citations
145	Human auditory cortex tracks task-irrelevant sound sources. NeuroReport, 2003, 14, 2053-2056.	0.6	49
146	Electric brain responses indicate preattentive processing of abstract acoustic regularities in children. NeuroReport, 2003, 14, 1411-1415.	0.6	22
147	Test-retest reliability of auditory ERP components in healthy 6-year-old children. NeuroReport, 2003, 14, 2121-2125.	0.6	17
148	Change Detection in Complex Auditory Environment: Beyond the Oddball Paradigm. , 2003, , 61-81.		7
149	Simultaneous storage of two complex temporal sound patterns in auditory sensory memory. NeuroReport, 2002, 13, 1747-1751.	0.6	25
150	Temporal integration: intentional sound discrimination does not modulate stimulus-driven processes in auditory event synthesis. Clinical Neurophysiology, 2002, 113, 1909-1920.	0.7	31
151	Top-down effects can modify the initially stimulus-driven auditory organization. Cognitive Brain Research, 2002, 13, 393-405.	3.3	143
152	Temporary and longer term retention of acoustic information. Psychophysiology, 2002, 39, 530-534.	1.2	49
153	Memory-based detection of task-irrelevant visual changes. Psychophysiology, 2002, 39, 869-873.	1.2	221
154	Auditory stream segregation processes operate similarly in school-aged children and adults. Hearing Research, 2001, 153, 108-114.	0.9	50
155	â€˜Primitive intelligenceâ€™ in the auditory cortex. Trends in Neurosciences, 2001, 24, 283-288.	4.2	726
156	Common neural mechanism for processing onset-to-onset intervals and silent gaps in sound sequences. NeuroReport, 2001, 12, 1783-1787.	0.6	16
157	Event-related potential correlates of sound duration: similar pattern from birth to adulthood. NeuroReport, 2001, 12, 3777-3781.	0.6	64
158	Changes in acoustic features and their conjunctions are processed by separate neuronal populations. NeuroReport, 2001, 12, 525-529.	0.6	37
159	Mismatch negativity is unaffected by top-down predictive information. NeuroReport, 2001, 12, 2209-2213.	0.6	74
160	Preattentive processing of spectral, temporal, and structural characteristics of acoustic regularities: A mismatch negativity study. Psychophysiology, 2001, 38, 92-98.	1.2	37
161	Preattentive extraction of abstract feature conjunctions from auditory stimulation as reflected by the mismatch negativity (MMN). Psychophysiology, 2001, 38, 359-365.	1.2	117
162	Organizing sound sequences in the human brain: the interplay of auditory streaming and temporal integration. Brain Research, 2001, 897, 222-227.	1.1	102

#	Article	IF	Citations
163	Simultaneously active pre-attentive representations of local and global rules for sound sequences in the human brain. Cognitive Brain Research, 2001, 12, 131-144.	3.3	115
164	Dynamic sensory updating in the auditory system. Cognitive Brain Research, 2001, 12, 431-439.	3.3	107
165	The Role of Large-Scale Memory Organization in the Mismatch Negativity Event-Related Brain Potential. Journal of Cognitive Neuroscience, 2001, 13, 59-71.	1.1	96
166	Preattentive extraction of abstract feature conjunctions from auditory stimulation as reflected by the mismatch negativity (MMN). , 2001, 38, 359.		8
167	Involuntary Attention and Distractibility as Evaluated with Event-Related Brain Potentials. Audiology and Neuro-Otology, 2000, 5, 151-166.	0.6	567
168	Brain responses reveal the learning of foreign language phonemes. Psychophysiology, 1999, 36, 638-642.	1.2	261
169	Pre-attentive detection of vowel contrasts utilizes both phonetic and auditory memory representations. Cognitive Brain Research, 1999, 7, 357-369.	3.3	177
170	Temporal integration of auditory stimulus deviance as reflected by the mismatch negativity. Neuroscience Letters, 1999, 264, 161-164.	1.0	70
171	Neuronal populations in the human brain extracting invariant relationships from acoustic variance. Neuroscience Letters, 1999, 265, 179-182.	1.0	84
172	Independent processing of changes in auditory single features and feature conjunctions in humans as indexed by the mismatch negativity. Neuroscience Letters, 1999, 266, 109-112.	1.0	70
173	The concept of auditory stimulus representation in cognitive neuroscience.. Psychological Bulletin, 1999, 125, 826-859.	5.5	939
174	Event-related brain potentials reveal covert distractibility in closed head injuries. NeuroReport, 1999, 10, 2125-2129.	0.6	44
175	Brain responses reveal the learning of foreign language phonemes. , 1999, 36, 638.		31
176	Processing of novel sounds and frequency changes in the human auditory cortex: Magnetoencephalographic recordings. Psychophysiology, 1998, 35, 211-224.	1.2	280
177	Combined mapping of human auditory EEG and MEG responses. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 370-379.	2.0	132
178	Preattentive processing of auditory spatial information in humans. Neuroscience Letters, 1998, 242, 49-52.	1.0	53
179	Neural Mechanisms of Involuntary Attention to Acoustic Novelty and Change. Journal of Cognitive Neuroscience, 1998, 10, 590-604.	1.1	758
180	Temporal constraints of auditory event synthesis. NeuroReport, 1998, 9, 495-499.	0.6	71

#	Article	IF	Citations
181	Mismatch negativity. NeuroReport, 1998, 9, 3809-3813.	0.6	94
182	Processing of novel sounds and frequency changes in the human auditory cortex: Magnetoencephalographic recordings. , 1998, 35, 211.		19
183	Two separate codes for missing-fundamental pitch in the human auditory cortex. Journal of the Acoustical Society of America, 1997, 102, 1072-1082.	0.5	57
184	Pre-attentive categorization of sounds by timbre as revealed by event-related potentials. NeuroReport, 1997, 8, 2571-2574.	0.6	40
185	Effects of ethanol and auditory distraction on forced choice reaction time. Alcohol, 1996, 13, 153-156.	0.8	35
186	Preattentive auditory change detection relies on unitary sensory memory representations. NeuroReport, 1996, 7, 2413-2418.	0.6	37
187	Adaptive modeling of the unattended acoustic environment reflected in the mismatch negativity event-related potential. Brain Research, 1996, 742, 239-252.	1.1	318
188	Interactions between Transient and Long-Term Auditory Memory as Reflected by the Mismatch Negativity. Journal of Cognitive Neuroscience, 1996, 8, 403-415.	1.1	89
189	From objective to subjective. NeuroReport, 1995, 6, 2317-2320.	0.6	35
190	Neural representation for the temporal structure of sound patterns. NeuroReport, 1995, 6, 690-694.	0.6	51
191	Presentation rate and magnitude of stimulus deviance effects on human pre-attentive change detection. Neuroscience Letters, 1995, 193, 185-188.	1.0	79
192	Correlation dimension changes accompanying the occurrence of the mismatch negativity and the P3 event-related potential component. Electroencephalography and Clinical Neurophysiology, 1995, 95, 118-126.	0.3	91
193	Event-related brain potentials reflect traces of echoic memory in humans. Perception & Psychophysics, 1993, 53, 443-449.	2.3	108
194	Memory prerequisites of mismatch negativity in the auditory event-related potential (ERP).. Journal of Experimental Psychology: Learning Memory and Cognition, 1993, 19, 909-921.	0.7	297
195	Event-related potentials in auditory backward recognition masking: A new way to study the neurophysiological basis of sensory memory in humans. Neuroscience Letters, 1992, 140, 239-242.	1.0	59
196	Can Echoic Memory Store Two Traces Simultaneously? A Study of Event-Related Brain Potentials. Psychophysiology, 1992, 29, 337-349.	1.2	51
197	Mismatch negativity in auditory recognition masking. International Journal of Psychophysiology, 1991, 11, 88.	0.5	0
198	The Effect of Small Variation of the Frequent Auditory Stimulus on the Event-Related Brain Potential to the Infrequent Stimulus. Psychophysiology, 1990, 27, 228-235.	1.2	92

#	Article	IF	Citations
199	Steady-state responses from the cat auditory cortex. Hearing Research, 1990, 45, 41-50.	0.9	54
200	Cortical and intracerebral mismatch negativity: Animal model of stimulus comparison. International Journal of Psychophysiology, 1989, 7, 166-168.	0.5	1
201	Animal models in studying neuronal mechanisms of event related potentials. International Journal of Psychophysiology, 1989, 7, 255-256.	0.5	1
202	Mismatch negativity in auditory stimulus series of varied standards. International Journal of Psychophysiology, 1989, 7, 439-440.	0.5	0
203	Intracortical auditory evoked potentials during classical aversive conditioning in cats. Biological Psychology, 1988, 26, 339-350.	1.1	20
204	Habituation of the early and middle latency components of the auditory evoked potentials in freely moving cat. Behavioural Brain Research, 1985, 16, 198-199.	1.2	0
205	Functional prerequisites of music perception in newborn infants: Mismatch negativity studies.. Frontiers in Human Neuroscience, 0, 2, .	1.0	0
206	Can we regard adaptation as memory?. Frontiers in Human Neuroscience, 0, 3, .	1.0	0
207	Processing of rhythmic structures in adults and newborn babies. Frontiers in Human Neuroscience, 0, 3, .	1.0	0
208	Adult-like pitch processing skills in newborn infants. Frontiers in Human Neuroscience, 0, 3, .	1.0	0
209	Breaking Down Bias. Frontiers in Human Neuroscience, 0, 7, .	1.0	0
210	Auditory Perceptual Organization. , 0, , .		20