Neuromagnetic Responses of the Human Auditory Cort Bursts: RÃ©ponses neuromagnÃ©tiques du cortex aud l'extinction de salves de bruit

International Journal of Audiology

26, 31-43

DOI: 10.3109/00206098709078405

Citation Report

#	Article	IF	Citations
1	Evidence for cortical origin of the 40 Hz auditory evoked response in man. Electroencephalography and Clinical Neurophysiology, 1987, 66, 539-546.	0.3	171
2	Different analysis of frequency and amplitude modulations of a continuous tone in the human auditory cortex: A neuromagnetic study. Hearing Research, 1987, 27, 257-264.	0.9	84
3	Long-latency OFF-responses from the human sensorimotor cortex to tetanizing stimulation of thenar muscles. Neuroscience Letters, 1987, 74, 63-68.	1.0	1
4	Cortical origin of middle-latency auditory evoked responses in man. Neuroscience Letters, 1987, 82, 303-307.	1.0	130
5	Responses of the human auditory cortex to vowel onset after fricative consonants. Experimental Brain Research, 1987, 69, 19-23.	0.7	108
6	Comparison between electric evoked potentials, source dipole components and magnetic evoked fields elicited by noise/square-wave stimuli. Acta Neurologica Scandinavica, 1988, 78, 337-345.	1.0	8
7	Contra- and ipsilateral auditory stimuli produce different activation patterns at the human auditory cortex. Pflugers Archiv European Journal of Physiology, 1988, 412, 12-16.	1.3	25
8	Modification of neuromagnetic responses of the human auditory cortex by masking sounds. Experimental Brain Research, 1988, 71, 87-92.	0.7	82
9	Magnetic responses of the human auditory cortex to noise/square wave transitions. Electroencephalography and Clinical Neurophysiology, 1988, 69, 423-430.	0.3	92
10	Spatial resolution of neuromagnetic records: theoretical calculations in a spherical model. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1988, 71, 64-72.	2.0	161
11	Implications of ERP data for psychological theories of attention. Biological Psychology, 1988, 26, 117-163.	1.1	152
12	Cerebral Magnetic Responses to Noise Bursts and Pauses of Different Durations. International Journal of Audiology, 1989, 28, 325-333.	0.9	57
13	Auditory evoked potentials and magnetic fields in patients with lesions of the auditory cortex. Acta Neurologica Scandinavica, 1989, 79, 316-325.	1.0	27
14	Selective listening modifies activity of the human auditory cortex. Experimental Brain Research, 1989, 74, 463-70.	0.7	125
15	Neuromagnetic study of the auditory responses in right and left hemispheres of the human brain evoked by pure tones and speech sounds. Experimental Brain Research, 1989, 77, 127-34.	0.7	62
16	Objective evidence of tinnitus in auditory evoked magnetic fields. Hearing Research, 1989, 37, 281-286.	0.9	88
17	Human laterality reversal auditory evoked potentials: stimulation by reversing the interaural delay of dichotically presented continuous click trains. Electroencephalography and Clinical Neurophysiology, 1989, 73, 306-321.	0.3	33
18	Evoked responses of human auditory cortex may be enhanced by preceding stimuli. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1989, 74, 217-227.	2.0	86

#	Article	IF	Citations
19	Reactions of human auditory cortex to a change in tone duration. Hearing Research, 1989, 41, 15-21.	0.9	144
20	Neuromagnetic responses of human auditory cortex to interruptions in a steady rhythm. Neuroscience Letters, 1989, 99, 164-168.	1.0	64
21	Interaural Interaction in the Human Auditory Cortex. International Journal of Audiology, 1989, 28, 37-48.	0.9	46
22	Influence of Stimulus Intensity on AEP Components in the 80- to 200-Millisecond Latency Range. International Journal of Audiology, 1989, 28, 316-324.	0.9	50
23	Chapter 5: Multi-Squid Devices and Their Applications. Progress in Low Temperature Physics, 1989, 12, 271-339.	0.2	15
24	The role of attention in auditory information processing as revealed by event-related potentials and other brain measures of cognitive function. Behavioral and Brain Sciences, 1990, 13, 201-233.	0.4	1,514
25	Bottom-up versus top-down: An alternative to the automatic-attended dilemma?. Behavioral and Brain Sciences, 1990, 13, 233-234.	0.4	3
26	Is there a mismatch negativity (MMN) in visual modality?. Behavioral and Brain Sciences, 1990, 13, 234-235.	0.4	40
27	The sensory basis of mind: Feasibility and functionality of a phonetic sensory store. Behavioral and Brain Sciences, 1990, 13, 235-236.	0.4	1
28	Variability, gnostic units and N2. Behavioral and Brain Sciences, 1990, 13, 236-237.	0.4	2
29	Converging evidence about information processing. Behavioral and Brain Sciences, 1990, 13, 237-238.	0.4	4
30	Is the attentional trace theory modality specific?. Behavioral and Brain Sciences, 1990, 13, 238-239.	0.4	2
31	â€œContext-relatedâ€•brain DC activity during selective attention. Behavioral and Brain Sciences, 1990, 13, 239-240.	0.4	1
32	More in the early selection process than the attentional-trace mechanism?. Behavioral and Brain Sciences, 1990, 13, 240-241.	0.4	4
33	Attention and recognition learning by adaptive resonance. Behavioral and Brain Sciences, 1990, 13, 241-242.	0.4	5
34	Modality differences: Memory trace development or efferent cortical priming?. Behavioral and Brain Sciences, 1990, 13, 243-244.	0.4	1
35	Novel popout in vision. Behavioral and Brain Sciences, 1990, 13, 244-245.	0.4	5
36	Is ERP the right key to open the â€œblack boxâ€?. Behavioral and Brain Sciences, 1990, 13, 245-246.	0.4	1

#	Article	IF	Citations
37	Modelling attention in man. Behavioral and Brain Sciences, 1990, 13, 246-246.	0.4	4
38	Similarities between attentional and preparatory states. Behavioral and Brain Sciences, 1990, 13, 247-247.	0.4	0
39	Attentional theories and conscious perception. Behavioral and Brain Sciences, 1990, 13, 247-248.	0.4	2
40	Stimulus selection, sensory memory, and orienting. Behavioral and Brain Sciences, 1990, 13, 248-249.	0.4	4
41	ERPs and attention: Deep data, broad theory. Behavioral and Brain Sciences, 1990, 13, 249-250.	0.4	3
42	Further processing: When does it commence?. Behavioral and Brain Sciences, 1990, 13, 250-251.	0.4	1
43	ERPs and the fate of unattended stimuli. Behavioral and Brain Sciences, 1990, 13, 251-252.	0.4	8
44	The case for precocious effects of attention on auditory processing. Behavioral and Brain Sciences, 1990, 13, 252-253.	0.4	5
45	Searching for a neurophysiological view of ERP components. Behavioral and Brain Sciences, 1990, 13, 253-254.	0.4	2
46	On the structure and capacity of selection processes. Behavioral and Brain Sciences, 1990, 13, 254-255.	0.4	1
47	Early or late selection? Still an open issue. Behavioral and Brain Sciences, 1990, 13, 255-255.	0.4	1
48	Sensory adaptation and mismatch negativity. Behavioral and Brain Sciences, 1990, 13, 255-256.	0.4	5
49	Attention and awareness: Using the to-be-ignored evidence. Behavioral and Brain Sciences, 1990, 13, 256-256.	0.4	0
50	NÃÃtÃnen's auditory model from a visual perspective. Behavioral and Brain Sciences, 1990, 13, 256-257.	0.4	6
51	Top-down fast-same, and acoustic perception. Behavioral and Brain Sciences, 1990, 13, 257-258.	0.4	8
52	Selective auditory attention: Complex processes and complex ERP generators. Behavioral and Brain Sciences, 1990, 13, 260-261.	0.4	6
53	Automatic and attention-dependent processing of auditory stimulus information. Behavioral and Brain Sciences, 1990, 13, 261-288.	0.4	16
54	Attentional influence on the mismatch negativity. Behavioral and Brain Sciences, 1990, 13, 258-260.	0.4	14

#	Article	IF	Citations
55	Processing negativity: Comparison process or selective processing?. Behavioral and Brain Sciences, 1990, 13, 242-243.	0.4	7
56	Intersession replicability of dipole parameters from three components of the auditory evoked magnetic field. Brain Topography, 1990, 3, 311-319.	0.8	13
57	Human middle-latency auditory evoked potentials: vertex and temporal components. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1990, 77, 6-18.	2.0	87
58	Localization of the P3 sources using magnetoencephalography and magnetic resonance imaging. Electroencephalography and Clinical Neurophysiology, 1991, 79, 308-321.	0.3	142
59	Magnetoencephalography in the Study of Human Auditory Information Processing. Annals of the New York Academy of Sciences, 1991, 620, 102-116.	1.8	27
60	Activation of the Human Auditory Cortex by Speech Sounds. Acta Oto-Laryngologica, 1991, 111, 132-138.	0.3	22
61	Human Long-Latency Potentials Evoked by Monaural Interruptions of a Binaural Click Train: Connection to Sound Lateralization Based on Interaural Intensity Differences. International Journal of Audiology, 1992, 31, 318-333.	0.9	8
62	Evoked magnetic responses of the human auditory cortex to minor pitch changes: localization of the mismatch field. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1992, 84, 538-548.	2.0	73
63	Human auditory evoked potentials recorded using maximum length sequences. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1992, 84, 90-100.	2.0	69
64	Human auditory primary and association cortex have differing lifetimes for activation traces. Brain Research, 1992, 572, 236-241.	1.1	145
65	On the evidence of auditory evoked magnetic fields as an objective measure of tinnitus. Electroencephalography and Clinical Neurophysiology, 1992, 83, 322-327.	0.3	28
66	Functional differences between auditory cortices of the two hemispheres revealed by whole-head neuromagnetic recordings. Human Brain Mapping, 1993, 1, 48-56.	1.9	107
67	Functional Organization of the Human First and Second Somatosensory Cortices: a Neuromagnetic Study. European Journal of Neuroscience, 1993, 5, 724-734.	1.2	456
68	Determinants of the auditory mismatch response. Electroencephalography and Clinical Neurophysiology, 1993, 87, 144-153.	0.3	79
69	Magnetoencephalographyâ€"theory, instrumentation, and applications to noninvasive studies of the working human brain. Reviews of Modern Physics, 1993, 65, 413-497.	16.4	3,939
70	Temporal integration and oscillatory responses of the human auditory cortex revealed by evoked magnetic fields to click trains. Hearing Research, 1993, 68, 89-96.	0.9	53
71	Auditory evoked fields covary with perceptual grouping. Biological Psychology, 1993, 35, 1-15.	1.1	30
72	Relationship of transient and steady-state auditory evoked fields. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 88, 389-396.	2.0	118

#	Article	IF	Citations
73	The effect of stimulation rate on the signal-to-noise ratio of evoked responses. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 88, 339-342.	2.0	12
74	Magnetoencephalographic localization of a language processing cortical area adjacent to a cerebral arteriovenous malformation. Journal of Neurosurgery, 1993, 79, 584-588.	0.9	25
75	Intensity dependence of auditory evoked dipole source activity. International Journal of Psychophysiology, 1994, 17, 1-13.	0.5	124
76	The auditory evoked sustained field: origin and frequency dependence. Electroencephalography and Clinical Neurophysiology, 1994, 90, 82-90.	0.3	91
77	Dissociation of temporal and frontal components in the human auditory N1 wave: a scalp current density and dipole model analysis. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 92, 238-252.	2.0	228
78	Human auditory cortical mechanisms of sound lateralisation: III. Monaural and binaural shift responses. Hearing Research, 1994, 81, 91-99.	0.9	49
79	Source analysis of magnetic field responses from the human auditory cortex elicited by short speech sounds. Experimental Brain Research, 1995, 104, 144-52.	0.7	40
80	Pitch change of a continuous tone activates two distinct processes in human auditory cortex: a study with whole-head magnetometer. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 93-96.	2.0	33
81	Temporal integration in auditory sensory memory: neuromagnetic evidence. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 220-228.	2.0	113
82	Human long-latency responses to brief interaural disparities of intensity. Electroencephalography and Clinical Neurophysiology, 1996, 99, 479-490.	0.3	11
83	Tonotopic organization of the sources of human auditory steady-state responses. Hearing Research, 1996, 101, 62-74.	0.9	205
84	Task-induced asymmetry of the auditory evoked M100 neuromagnetic field elicited by speech sounds. Cognitive Brain Research, 1996, 4, 231-242.	3.3	119
85	The Auditory Evoked â€œOffâ€•Response: Sources and Comparison with the"On" and the â€œSustainedâ€• Responses. Ear and Hearing, 1996, 17, 255-265.	1.0	103
86	The silent period between sounds has a stronger effect than the interstimulus interval on auditory evoked magnetic fields. Electroencephalography and Clinical Neurophysiology, 1997, 102, 37-45.	0.3	34
87	Abnormalities of auditory evoked magnetic fields and structural changes in the left hemisphere of male schizophrenicsâ€”A magnetoencephalographic magnetic resonance imaging study. Biological Psychiatry, 1997, 42, 609-616.	0.7	67
88	Influence of reference electrodes, stimulation characteristics and task paradigms on auditory P50. Psychiatry and Clinical Neurosciences, 1997, 51, 139-143.	1.0	31
89	Disrupting human auditory change detection: Chopin is superior to white noise. Psychophysiology, 1997, 34, 258-265.	1.2	22
90	Temporal characteristics of auditory sensory memory: Neuromagnetic evidence. Psychophysiology, 1997, 34, 308-316.	1.2	75

#	Article	IF	Citations
91	Sensory mapping in a congenitally deaf subject: MEG and fRMI studies of cross-modal non-plasticity. , 1997, 5, 437-444.		29
92	Functional hemispheric asymmetry assessment in a visual language task using MEG. Brain Topography, 1998, 11, 57-65.	0.8	46
93	Auditory evoked off-response. NeuroReport, 1998, 9, 2621-2625.	0.6	29
94	Conscious and preconscious adaptation to rhythmic auditory stimuli: a magnetoencephalographic study of human brain responses. Experimental Brain Research, 2000, 135, 222-230.	0.7	54
95	Topographic and Temporal Indices of Vowel Spectral Envelope Extraction in the Human Auditory Cortex. Journal of Cognitive Neuroscience, 2000, 12, 878-893.	1.1	33
96	A combined functional in vivo measure for primary and secondary auditory cortices. Hearing Research, 2000, 148, 153-160.	0.9	83
97	Middle and long latency peak sources in auditory evoked magnetic fields for tone bursts in humans. Neuroscience Letters, 2000, 293, 187-190.	1.0	40
98	The effect of interstimulus intervals and between-block rests on the auditory evoked potential and magnetic field: is the auditory P50 in humans an overlapping potential?. Clinical Neurophysiology, 2000, 111, 237-245.	0.7	47
99	Tracking the development of the N1 from age 3 to adulthood: an examination of speech and non-speech stimuli. Clinical Neurophysiology, 2000, 111, 388-397.	0.7	148
100	Near-DC magnetic fields following a periodic presentation of long-duration tonebursts. Clinical Neurophysiology, 2001, 112, 499-513.	0.7	21
101	Neuromagnetic source localization of auditory evoked fields and intracerebral evoked potentials: a comparison of data in the same patients. Clinical Neurophysiology, 2001, 112, 1850-1859.	0.7	321
102	Auditory information processing during human sleep as revealed by event-related brain potentials. Clinical Neurophysiology, 2001, 112, 2031-2045.	0.7	107
103	The periodic structure of vowel sounds is reflected in human electromagnetic brain responses. Neuroscience Letters, 2001, 298, 25-28.	1.0	29
104	Auditory Cortical Responses to Speech-Like Stimuli in Dyslexic Adults. Journal of Cognitive Neuroscience, 2002, 14, 757-768.	1.1	52
105	off Responses in the Auditory Thalamus of the Guinea Pig. Journal of Neurophysiology, 2002, 88, 2377-2386.	0.9	72
106	Sustained Magnetic Fields Reveal Separate Sites for Sound Level and Temporal Regularity in Human Auditory Cortex. NeuroImage, 2002, 15, 207-216.	2.1	157
107	Central auditory onset responses, and temporal asymmetries in auditory perception. Hearing Research, 2002, 167, 192-205.	0.9	137
108	Cortical Activation during Spoken-Word Segmentation in Nonreading-Impaired and Dyslexic Adults. Journal of Neuroscience, 2002, 22, 2936-2944.	1.7	115

#	Article	IF	Citations
109	Sound Repetition Rate in the Human Auditory Pathway: Representations in the Waveshape and Amplitude of fMRI Activation. Journal of Neurophysiology, 2002, 88, 1433-1450.	0.9	158
110	Electrophysiological indicators of phonetic and non-phonetic multisensory interactions during audiovisual speech perception. Cognitive Brain Research, 2003, 18, 65-75.	3.3	166
111	Magnetoencephalographic evidence of the interhemispheric asymmetry in echoic memory lifetime and its dependence on handedness and gender. NeuroImage, 2003, 19, 1061-1075.	2.1	17
112	Determination of activation areas in the human auditory cortex by means of synthetic aperture magnetometry. NeuroImage, 2003, 20, 995-1005.	2.1	110
113	Cortical processing of musical consonance: an evoked potential study. NeuroReport, 2003, 14, 2303-2306.	0.6	25
114	AUDITORY ON- AND OFF-RESPONSES AND ALPHA OSCILLATIONS IN THE HUMAN EEG. International Journal of Neuroscience, 2004, 114, 879-906.	0.8	4
115	Distributed Auditory Cortical Representations Are Modified When Non-musicians Are Trained at Pitch Discrimination with 40 Hz Amplitude Modulated Tones. Cerebral Cortex, 2004, 14, 1088-1099.	1.6	171
116	Recovery and refractoriness of auditory evoked fields after gaps in click trains. European Journal of Neuroscience, 2004, 20, 3141-3147.	1.2	11
117	Activation of the primary and association auditory cortex by the transition of sound intensity: a new method for functional examination of the auditory cortex in humans. Neuroscience Letters, 2004, 359, 119-123.	1.0	6
118	Speech offsets activate the right parietal cortex. Hearing Research, 2004, 195, 75-78.	0.9	5
119	A review of the evidence for P2 being an independent component process: age, sleep and modality. Clinical Neurophysiology, 2004, 115, 732-744.	0.7	663
120	Cortical mapping of auditory-evoked offset responses in rats. NeuroReport, 2004, 15, 1565-1569.	0.6	68
121	Enhancement of auditory cortical development by musical experience in children. NeuroReport, 2004, 15, 1917-1921.	0.6	135
122	Middle Latency Auditory-Evoked Fields Reflect Psychoacoustic Gap Detection Thresholds in Human Listeners. Journal of Neurophysiology, 2004, 92, 2239-2247.	0.9	19
123	Fine-tuning of auditory cortex during speech production. Psychophysiology, 2005, 42, 180-190.	1.2	219
124	Difference in somatosensory evoked fields elicited by mechanical and electrical stimulations: Elucidation of the human homunculus by a noninvasive method. Human Brain Mapping, 2005, 24, 274-283.	1.9	9
125	Auditory Evoked Potential Patterns to Voiced and Voiceless Speech Sounds in Adult Developmental Dyslexics with Persistent Deficits. Cerebral Cortex, 2005, 15, 1524-1534.	1.6	43
126	Auditory temporal processes in normal-hearing individuals and in patients with auditory neuropathy. Clinical Neurophysiology, 2005, 116, 669-680.	0.7	114

#	Article	IF	Citations
127	Auditory and visual refractory period effects in children and adults: An ERP study. Clinical Neurophysiology, 2005, 116, 2184-2203.	0.7	44
128	Auditory evoked fields to variations of interaural time delay. Neuroscience Letters, 2005, 383, 311-316.	1.0	4
129	Evidence of vibrotactile input to human auditory cortex. NeuroImage, 2006, 29, 15-28.	2.1	92
130	From noise to pitch: Transient and sustained responses of the auditory evoked field. Hearing Research, 2006, 218, 50-63.	0.9	30
131	Identification and characterization of somatosensory off responses. Brain Research, 2006, 1114, 53-62.	1.1	16
132	Effects of continuous masking noise on tone-evoked magnetic fields in humans. Brain Research, 2006, 1087, 151-158.	1.1	16
133	The effects of stress and statistical cues on continuous speech segmentation: An event-related brain potential study. Brain Research, 2006, 1123, 168-178.	1.1	99
134	Effects of Musical Experience on Different Components of MEG Responses Elicited by Sequential Piano-Tones and Chords. Journal of Neuroscience, 2006, 26, 4046-4053.	1.7	103
135	Neural Representations Of The Hierarchical Scale Pitch Structure. Music Perception, 2007, 24, 281-296.	0.5	37
136	Persistent Responsiveness of Long-Latency Auditory Cortical Activities in Response to Repeated Stimuli of Musical Timbre and Vowel Sounds. Cerebral Cortex, 2007, 17, 2725-2732.	1.6	24
137	Age-Related Changes in Transient and Oscillatory Brain Responses to Auditory Stimulation in Healthy Adults 19-45 Years Old. Cerebral Cortex, 2007, 17, 1454-1467.	1.6	65
138	Relationship of Imprecise Corollary Discharge in Schizophrenia to Auditory Hallucinations. Archives of General Psychiatry, 2007, 64, 286.	13.8	184
139	Comparison Between Offset and Onset Responses of Primary Auditory Cortex onâ€“off Neurons in Awake Cats. Journal of Neurophysiology, 2007, 97, 3421-3431.	0.9	86
140	Enhanced anterior-temporal processing for complex tones in musicians. Clinical Neurophysiology, 2007, 118, 209-220.	0.7	26
141	The N1 complex to gaps in noise: Effects of preceding noise duration and intensity. Clinical Neurophysiology, 2007, 118, 1078-1087.	0.7	33
142	On and Off magnetic auditory evoked responses in early infancy: A possible marker of brain immaturity. Clinical Neurophysiology, 2007, 118, 1480-1487.	0.7	22
143	MMN or no MMN: No magnitude of deviance effect on the MMN amplitude. Psychophysiology, 2008, 45, 60-69.	1.2	74
144	Local and global auditory processing: Behavioral and ERP evidence. Neuropsychologia, 2007, 45, 1172-1186.	0.7	65

#	Article	IF	Citations
145	Sensitivity of EEG and MEG to the N1 and P2 Auditory Evoked Responses Modulated by Spectral Complexity of Sounds. Brain Topography, 2007, 20, 55-61.	0.8	52
146	Somatosensory off-response in humans: an ERP study. Experimental Brain Research, 2008, 190, 207-213.	0.7	23
147	Abnormal Auditory N100 Amplitude: A Heritable Endophenotype in First-Degree Relatives of Schizophrenia Probands. Biological Psychiatry, 2008, 64, 1051-1059.	0.7	115
148	Cross-modal processing of auditoryâ€“visual stimuli in a no-task paradigm: A topographic event-related potential study. Clinical Neurophysiology, 2008, 119, 763-771.	0.7	52
149	The auditory P50 component to onset and offset of sound. Clinical Neurophysiology, 2008, 119, 376-387.	0.7	40
150	Spatiotemporal Interaction between Sound Form and Meaning during Spoken Word Perception. Cerebral Cortex, 2008, 18, 456-466.	1.6	39
151	Enhancement of Auditory-evoked Potentials in Musicians Reflects an Influence of Expertise but not Selective Attention. Journal of Cognitive Neuroscience, 2008, 20, 2238-2249.	1.1	94
152	Speech Evoked Potentials: From the Laboratory to the Clinic. Ear and Hearing, 2008, 29, 285-313.	1.0	237
153	Dynamics of cortical responses to tone pairs in relation to task difficulty: A MEG study. Human Brain Mapping, 2009, 30, 1592-1604.	1.9	6
154	Ageâ€related changes in transient and oscillatory brain responses to auditory stimulation during early adolescence. Developmental Science, 2009, 12, 220-235.	1.3	52
155	Automatic auditory offâ€response in humans: an MEG study. European Journal of Neuroscience, 2009, 30, 125-131.	1.2	41
156	ERP correlates of online monitoring of auditory feedback during vocalization. Psychophysiology, 2009, 46, 1216-1225.	1.2	40
157	Stimulus experience modifies auditory neuromagnetic responses in young and older listeners. Hearing Research, 2009, 248, 48-59.	0.9	141
158	Hemispheric asymmetry in mid and long latency neuromagnetic responses to single clicks. Hearing Research, 2009, 257, 41-52.	0.9	24
159	Somatosensory off-response in humans: An MEG study. NeuroImage, 2009, 44, 1363-1368.	2.1	40
160	Change-driven cortical activation in multisensory environments: An MEG study. NeuroImage, 2009, 48, 464-474.	2.1	34
161	Evidence for Opponent-Channel Coding of Interaural Time Differences in Human Auditory Cortex. Journal of Neurophysiology, 2010, 104, 1997-2007.	0.9	95
162	Discrimination of Speech Stimuli Based on Neuronal Response Phase Patterns Depends on Acoustics But Not Comprehension. Journal of Neurophysiology, 2010, 104, 2500-2511.	0.9	174

#	Article	IF	Citations
163	A method for removing cochlear implant artifact. Hearing Research, 2010, 259, 95-106.	0.9	63
164	Speech-induced suppression of evoked auditory fields in children who stutter. NeuroImage, 2011, 54, 2994-3003.	2.1	76
165	Processing of novel identifiability and duration in children and adults. Biological Psychology, 2011, 86, 39-49.	1.1	40
166	Automatic cortical responses to sound movement: A magnetoencephalography study. Neuroscience Letters, 2011, 488, 183-187.	1.0	21
167	Auditory cortex tracks the temporal regularity of sustained noisy sounds. Hearing Research, 2011, 272, 85-94.	0.9	10
168	Realignment of Magnetoencephalographic Data for Group Analysis in the Sensor Domain. Journal of Clinical Neurophysiology, 2011, 28, 190-201.	0.9	9
169	Changeâ€related responses in the human auditory cortex: An MEG study. Psychophysiology, 2011, 48, 23-30.	1.2	52
170	Neural generators underlying concurrent sound segregation. Brain Research, 2011, 1387, 116-124.	1.1	24
171	Lateralisation of sound in temporal-lobe epilepsy: Comparison between pre- and postoperative performances and ERPs. Clinical Neurophysiology, 2012, 123, 2362-2369.	0.7	2
172	Sensory thresholds obtained from MEG data: Cortical psychometric functions. NeuroImage, 2012, 63, 1249-1256.	2.1	5
173	Music Training Enhances Rapid Neural Plasticity of N1 and P2 Source Activation for Unattended Sounds. Frontiers in Human Neuroscience, 2012, 6, 43.	1.0	65
174	Somatosensory mechanical response and digit somatotopy within cortical areas of the postcentral gyrus in humans: An MEG study. Human Brain Mapping, 2013, 34, 1559-1567.	1.9	15
175	Auditory Magnetic Response to Clicks in Children and Adults: Its Components, Hemispheric Lateralization and Repetition Suppression Effect. Brain Topography, 2013, 26, 410-427.	0.8	29
176	Plasticity in neuromagnetic cortical responses suggests enhanced auditory object representation. BMC Neuroscience, 2013, 14, 151.	0.8	44
177	Prior knowledge on cortex organization in the reconstruction of source current densities from EEG. NeuroImage, 2013, 67, 7-24.	2.1	17
178	Brain dynamics encode the spectrotemporal boundaries of auditory objects. Hearing Research, 2013, 304, 77-90.	0.9	3
179	Reading aloud: A psychophysiological investigation in children. Neuropsychologia, 2013, 51, 425-436.	0.7	5
180	EEG Phase Patterns Reflect the Selectivity of Neural Firing. Cerebral Cortex, 2013, 23, 389-398.	1.6	128

#	Article	IF	Citations
181	Auditory magnetic evoked responses. Handbook of Clinical Neurophysiology, 2013, , 253-270.	0.0	2
182	Genetic Mapping of Brain Plasticity Across Development in Williams Syndrome: ERP Markers of Face and Language Processing. Developmental Neuropsychology, 2013, 38, 613-642.	1.0	16
183	Activation of Auditory Cortex by Anticipating and Hearing Emotional Sounds: An MEG Study. PLoS ONE, 2013, 8, e80284.	1.1	5
184	Processing of complex distracting sounds in school-aged children and adults: evidence from EEG and MEG data. Frontiers in Psychology, 2013, 4, 717.	1.1	31
185	Timing matters: the processing of pitch relations. Frontiers in Human Neuroscience, 2014, 8, 387.	1.0	3
186	The function of offset neurons in auditory information processing. Translational Neuroscience, 2014, 5, .	0.7	12
187	Neural adaptation to silence in the human auditory cortex: a magnetoencephalographic study. Brain and Behavior, 2014, 4, 858-866.	1.0	9
188	Overlapping auditory M100 and M200 abnormalities in schizophrenia and bipolar disorder: A MEG study. Schizophrenia Research, 2014, 160, 201-207.	1.1	35
189	Cortical pitch response components index stimulus onset/offset and dynamic features of pitch contours. Neuropsychologia, 2014, 59, 1-12.	0.7	23
190	Deconvolution of magnetic acoustic change complex (mACC). Clinical Neurophysiology, 2014, 125, 2220-2231.	0.7	2
191	Sensitivity of offset and onset cortical auditory evoked potentials to signals in noise. Clinical Neurophysiology, 2014, 125, 370-380.	0.7	32
192	Action planning and predictive coding when speaking. NeuroImage, 2014, 91, 91-98.	2.1	68
193	Neurophysiological Effects of Meditation Based on Evoked and Event Related Potential Recordings. BioMed Research International, 2015, 2015, 1-11.	0.9	17
194	Duration estimation entails predicting when. NeuroImage, 2015, 106, 272-283.	2.1	25
195	Background noise can enhance cortical auditory evoked potentials under certain conditions. Clinical Neurophysiology, 2015, 126, 1319-1330.	0.7	22
196	Long Latency Auditory Evoked Potentials during Meditation. Clinical EEG and Neuroscience, 2015, 46, 299-309.	0.9	14
197	Language experience enhances early cortical pitch-dependent responses. Journal of Neurolinguistics, 2015, 33, 128-148.	0.5	21
198	Modulation of Auditory Responses to Speech vs. Nonspeech Stimuli during Speech Movement Planning. Frontiers in Human Neuroscience, 2016, 10, 234.	1.0	21

#	Article	IF	Citations
199	Perceptual Temporal Asymmetry Associated with Distinct ON and OFF Responses to Time-Varying Sounds with Rising versus Falling Intensity: A Magnetoencephalography Study. Brain Sciences, 2016, 6, 27.	1.1	7
200	Using concurrent EEG and fMRI to probe the state of the brain in schizophrenia. NeuroImage: Clinical, 2016, 12, 429-441.	1.4	36
201	Electrophysiological and psychophysical asymmetries in sensitivity to interaural correlation gaps and implications for binaural integration time. Hearing Research, 2016, 332, 170-187.	0.9	2
202	Attentionâ€dependent sound offsetâ€related brain potentials. Psychophysiology, 2016, 53, 663-677.	1.2	4
203	Neural dynamics of change detection in crowded acoustic scenes. NeuroImage, 2016, 126, 164-172.	2.1	21
204	Similar sound intensity dependence of the N1 and P2 components of the auditory ERP: Averaged and single trial evidence. Clinical Neurophysiology, 2016, 127, 499-508.	0.7	27
205	Sound offset-related brain potentials show retained sensory processing, but increased cognitive control activity in older adults. Neurobiology of Aging, 2017, 57, 232-246.	1.5	3
206	Sound-Making Actions Lead to Immediate Plastic Changes of Neuromagnetic Evoked Responses and Induced Î²-Band Oscillations during Perception. Journal of Neuroscience, 2017, 37, 5948-5959.	1.7	32
207	Auditory Attention Causes Gain Enhancement and Frequency Sharpening at Successive Stages of Cortical Processingâ€"Evidence from Human Electroencephalography. Journal of Cognitive Neuroscience, 2018, 30, 785-798.	1.1	7
208	Sound Change Integration Error: An Explanatory Model of Tinnitus. Frontiers in Neuroscience, 2018, 12, 831.	1.4	4
209	Timing the Brain to Time the Mind: Critical Contributions of Time-Resolved Neuroimaging for Temporal Cognition. , 2019, , 1-50.		2
210	Elevated physiological arousal is associated with larger but more variable neural responses to small acoustic change in children during a passive auditory attention task. Developmental Cognitive Neuroscience, 2019, 37, 100612.	1.9	8
211	Emotional prosody Stroop effect in Hindi: An event related potential study. Progress in Brain Research, 2019, 247, 193-217.	0.9	1
212	Combined predictive effects of sentential and visual constraints in early audiovisual speech processing. Scientific Reports, 2019, 9, 7870.	1.6	3
213	Task difficulty modulates voluntary attention allocation, but not distraction in an auditory distraction paradigm. Brain Research, 2020, 1727, 146565.	1.1	11
214	Transient and sustained processing of musical consonance in auditory cortex and the effect of musicality. Journal of Neurophysiology, 2020, 123, 1320-1331.	0.9	7
215	Modulation change detection in human auditory cortex: Evidence for asymmetric, nonâ€linear edge detection. European Journal of Neuroscience, 2020, 52, 2889-2904.	1.2	1
216	Classical and controlled auditory mismatch responses to multiple physical deviances in anaesthetised and conscious mice. European Journal of Neuroscience, 2021, 53, 1839-1854.	1.2	21

#	Article	IF	Citations
217	Neurophysiological investigation of auditory intensity dependence in patients with Parkinsonâ€™s disease. Journal of Neural Transmission, 2021, 128, 345-356.	1.4	4
218	The Onsetâ€“Offset N1â€“P2 Auditory Evoked Response in Individuals With High-Frequency Sensorineural Hearing Loss: Responses to Broadband Noise. American Journal of Audiology, 2021, 30, 423-432.	0.5	2
220	From Tones to Speech: Magnetoencephalographic Studies. , 2011, , 597-615.		1
221	Independent Component Analysis in Wave Decomposition of Auditory Evoked Fields. Perspectives in Neural Computing, 1998, , 287-292.	0.1	15
222	Electrophysiology of the Human Auditory System. Springer Handbook of Auditory Research, 1992, , 335-403.	0.3	33
223	Activation of the Human Auditory Cortex by Various Sound Sequences : Neuromagnetic Studies. , 1989, , 87-92.		3
224	Magnetoencephalography. , 1996, , 161-183.		4
225	Timing the Brain to Time the Mind: Critical Contributions of Time-Resolved Neuroimaging for Temporal Cognition. , 2019, , 855-905.		8
226	MEG Auditory Research. , 2019, , 1-35.		2
227	Electromagnetic Manifestations of Mind and Brain. , 2003, , 13-40.		6
228	Assessment of Functional Cerebral Laterality for Language Using Magnetoencephalography. Journal of Clinical Neurophysiology, 1998, 15, 364-372.	0.9	64
229	Insights Into Brain Function and Neural Plasticity Using Magnetic Source Imaging. Journal of Clinical Neurophysiology, 2000, 17, 143-162.	0.9	34
231	When and Where of Auditory Spatial Processing in Cortex: A Novel Approach Using Electrotomography. PLoS ONE, 2011, 6, e25146.	1.1	34
232	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.	1.1	10
233	MEG Source Localization Using Invariance of Noise Space. PLoS ONE, 2013, 8, e58408.	1.1	8
234	Enhancement of Neuroplastic P2 and N1c Auditory Evoked Potentials in Musicians. Journal of Neuroscience, 2003, 23, 5545-5552.	1.7	307
235	Effect of ethanol on the visualâ€‘evoked potential in rat:dynamics of ON and OFF responses. Acta Neurobiologiae Experimentalis, 2017, 77, 190-197.	0.4	1
236	Functional Brain Mapping Using Intracranial Source Imaging. Handbook Series for Mechanical Engineering, 2003, , .	0.0	0

#	Article	IF	Citations
237	Response-Related Factors in Reaction Time to Stimulus Onset and Offset Tasks. Psichologija, 0, 48, 79-89.	0.1	0
238	Differences Between Reaction Time to Stimulus Onset and Offset: Evidence for Post-Perceptual Effects. Psichologija, 0, 48, 70-78.	0.1	1
239	MEG Auditory Research. , 2014, , 679-711.		3
240	Magnetoencephalography at the Helsinki University of Technology. Physica Scripta, 1989, T25, 243-246.	1.2	0
244	MEG Auditory Research. , 2019, , 907-941.		1
246	LANGUAGE EXPERIENCE SHAPES PROCESSING OF PITCH RELEVANT INFORMATION IN THE HUMAN BRAINSTEM AND AUDITORY CORTEX: ELECTROPHYSIOLOGICAL EVIDENCE. Acoustics Australia, 2014, 42, 166-178.	1.4	12
247	MEG correlates of temporal regularity relevant to pitch perception in human auditory cortex. NeuroImage, 2022, 249, 118879.	2.1	3
248	The Onsetâ€“Offset N1â€“P2 Cortical Auditory Evoked Response in Individuals With High-Frequency Sensorineural Hearing Loss: Responses to High- and Low-Frequency Narrowband Noise. American Journal of Audiology, 2022, , 1-11.	0.5	0
249	Electrophysiological differences and similarities in audiovisual speech processing in CI users with unilateral and bilateral hearing loss. Current Research in Neurobiology, 2022, 3, 100059.	1.1	0
252	Event-Related Potentials (ERPs) and Event-Related Fields (ERFs). Neuromethods, 2023, , 195-239.	0.2	0