

# Erich SchrÄjger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6377655/publications.pdf>

Version: 2024-02-01

284  
papers

18,147  
citations

13332

70  
h-index

21239

119  
g-index

306  
all docs

306  
docs citations

306  
times ranked

8396  
citing authors

#	ARTICLE	IF	CITATIONS
1	The auditory brain in action: Intention determines predictive processing in the auditory systemâ€”A review of current paradigms and findings. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 321-342.	1.4	14
2	Neural entrainment via perceptual inferences. <i>European Journal of Neuroscience</i> , 2022, , .	1.2	3
3	Perceptual Learning and Recognition of Random Acoustic Patterns. <i>Auditory Perception &amp; Cognition</i> , 2022, 5, 259-281.	0.5	6
4	Action effect predictions in â€˜whatâ€™™, â€˜whenâ€™™, and â€˜whetherâ€™™ intentional actions. <i>Brain Research</i> , 2022, , 147992.	1.1	1
5	Is the Oddball Just an Odd-One-Out? The Predictive Value of Rule-Violating Events. <i>Auditory Perception &amp; Cognition</i> , 2022, 5, 169-191.	0.5	3
6	Encoding of deterministic and stochastic auditory rules in the human brain: The mismatch negativity mechanism does not reflect basic probability. <i>Hearing Research</i> , 2021, 399, 107907.	0.9	9
7	Modulation of early auditory processing by visual information: Prediction or bimodal integration?. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1538-1551.	0.7	4
8	Change detection of auditory tonal patterns defined by absolute versus relative pitch information. A combined behavioural and EEG study. <i>PLoS ONE</i> , 2021, 16, e0247495.	1.1	2
9	The encoding of stochastic regularities is facilitated by action-effect predictions. <i>Scientific Reports</i> , 2021, 11, 6790.	1.6	5
10	Crossâ€”modal predictive processing depends on context rather than local contingencies. <i>Psychophysiology</i> , 2021, 58, e13811.	1.2	3
11	Attentional Processing of Disgust and Fear and Its Relationship With Contamination-Based Obsessiveâ€”Compulsive Symptoms: Stronger Response Urgency to Disgusting Stimuli in Disgust-Prone Individuals. <i>Frontiers in Psychiatry</i> , 2021, 12, 596557.	1.3	2
12	Word class and word frequency in the MMN looking glass. <i>Brain and Language</i> , 2021, 218, 104964.	0.8	7
13	Auditory Pattern Representations Under Conditions of Uncertaintyâ€”An ERP Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 682820.	1.0	5
14	The posterior auditory field is the chief generator of prediction error signals in the auditory cortex. <i>NeuroImage</i> , 2021, 242, 118446.	2.1	18
15	Moving towards dynamics: Emotional modulation of cognitive and emotional control. <i>International Journal of Psychophysiology</i> , 2020, 147, 193-201.	0.5	18
16	Omission related brain responses reflect specific and unspecific action-effect couplings. <i>NeuroImage</i> , 2020, 215, 116840.	2.1	19
17	What <i>&lt;i&gt;exactly&lt;/i&gt;</i> is missing here? The sensory processing of unpredictable omissions is modulated by the specificity of expected actionâ€”effects. <i>European Journal of Neuroscience</i> , 2020, 52, 4667-4683.	1.2	9
18	The quest for the genuine visual mismatch negativity (vMMN): Eventâ€”related potential indications of deviance detection for lowâ€”level visual features. <i>Psychophysiology</i> , 2020, 57, e13576.	1.2	24

#	ARTICLE	IF	CITATIONS
19	Action Intention-based and Stimulus Regularity-based Predictions: Same or Different?. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1917-1932.	1.1	18
20	Beta power encodes contextual estimates of temporal event probability in the human brain. <i>PLoS ONE</i> , 2019, 14, e0222420.	1.1	7
21	Presentation Probability of Visual–Auditory Pairs Modulates Visually Induced Auditory Predictions. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1110-1125.	1.1	7
22	Auditory Predictions and Prediction Errors in Response to Self-Initiated Vowels. <i>Frontiers in Neuroscience</i> , 2019, 13, 1146.	1.4	23
23	Emotion lies in the eye of the listener: Emotional arousal to novel sounds is reflected in the sympathetic contribution to the pupil dilation response and the P3. <i>Biological Psychology</i> , 2018, 133, 10-17.	1.1	57
24	The detection of higher-order acoustic transitions is reflected in the N1 ERP. <i>Psychophysiology</i> , 2018, 55, e13063.	1.2	9
25	Attentional gain is modulated by probabilistic feature expectations in a spatial cueing task: ERP evidence. <i>Scientific Reports</i> , 2018, 8, 54.	1.6	37
26	Modulation of Cognitive and Emotional Control in Age-Related Mild-to-Moderate Hearing Loss. <i>Frontiers in Neurology</i> , 2018, 9, 783.	1.1	21
27	Implicit expectations influence target detection in children and adults. <i>Developmental Science</i> , 2017, 20, e12402.	1.3	4
28	Brain activity from stimuli that are not perceived: Visual mismatch negativity during binocular rivalry suppression. <i>Psychophysiology</i> , 2017, 54, 755-763.	1.2	15
29	Positive emotion impedes emotional but not cognitive conflict processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 665-677.	1.0	37
30	Interrelation of attention and prediction in visual processing: Effects of task-relevance and stimulus probability. <i>Biological Psychology</i> , 2017, 125, 76-90.	1.1	32
31	Perceptual integration of faces and voices depends on the interaction of emotional content and spatial frequency. <i>Biological Psychology</i> , 2017, 123, 155-165.	1.1	9
32	Audio-visual synchrony and spatial attention enhance processing of dynamic visual stimulation independently and in parallel: A frequency-tagging study. <i>NeuroImage</i> , 2017, 161, 32-42.	2.1	11
33	The Influence of Negative Emotion on Cognitive and Emotional Control Remains Intact in Aging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 349.	1.7	22
34	Auditive Informationsverarbeitung., 2017, , 51-73.		4
35	The digitization of the Wundt estate at Leipzig University.. <i>History of Psychology</i> , 2017, 20, 342-345.	0.1	3
36	How regularity representations of short sound patterns that are based on relative or absolute pitch information establish over time: An EEG study. <i>PLoS ONE</i> , 2017, 12, e0176981.	1.1	9

#	ARTICLE	IF	CITATIONS
37	Distraction by Novel and Pitch-Deviant Sounds in Children. <i>Frontiers in Psychology</i> , 2016, 7, 1949.	1.1	14
38	Sensory suppression of brain responses to self-generated sounds is observed with and without the perception of agency. <i>Cortex</i> , 2016, 80, 5-20.	1.1	69
39	The Feedback-related Negativity Codes Components of Abstract Inference during Reward-based Decision-making. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1127-1138.	1.1	8
40	Cross-modal distractors modulate oscillatory alpha power: the neural basis of impaired task performance. <i>Psychophysiology</i> , 2016, 53, 1651-1659.	1.2	8
41	High-pass filters and baseline correction in M/EEG analysis. Commentary on: "How inappropriate high-pass filters can produce artefacts and incorrect conclusions in ERP studies of language and cognition". <i>Journal of Neuroscience Methods</i> , 2016, 266, 164-165.	1.3	31
42	High-pass filters and baseline correction in M/EEG analysis-continued discussion. <i>Journal of Neuroscience Methods</i> , 2016, 266, 171-172.	1.3	17
43	Attention and prediction in human audition: a lesson from cognitive psychophysiology. <i>European Journal of Neuroscience</i> , 2015, 41, 641-664.	1.2	202
44	Distraction by emotional sounds: Disentangling arousal benefits and orienting costs.. <i>Emotion</i> , 2015, 15, 428-437.	1.5	26
45	Selective Attention Modulates Early Human Evoked Potentials during Emotional Face-Voice Processing. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 798-818.	1.1	41
46	Acoustic Detail Guides Attention Allocation in a Selective Listening Task. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 988-1000.	1.1	31
47	The effects of selective attention and speech acoustics on neural speech-tracking in a multi-talker scene. <i>Cortex</i> , 2015, 68, 144-154.	1.1	137
48	The role of emotion in dynamic audiovisual integration of faces and voices. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 713-720.	1.5	50
49	Effects of explicit knowledge and predictability on auditory distraction and target performance. <i>International Journal of Psychophysiology</i> , 2015, 98, 174-181.	0.5	11
50	Emotion and goal-directed behavior: ERP evidence on cognitive and emotional conflict. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1577-1587.	1.5	76
51	Bridging prediction and attention in current research on perception and action. <i>Brain Research</i> , 2015, 1626, 1-13.	1.1	55
52	Auditory perceptual objects as generative models: Setting the stage for communication by sound. <i>Brain and Language</i> , 2015, 148, 1-22.	0.8	68
53	Spatial auditory regularity encoding and prediction: Human middle-latency and long-latency auditory evoked potentials. <i>Brain Research</i> , 2015, 1626, 21-30.	1.1	8
54	Digital filter design for electrophysiological data - a practical approach. <i>Journal of Neuroscience Methods</i> , 2015, 250, 34-46.	1.3	427

#	ARTICLE	IF	CITATIONS
55	Separate and concurrent symbolic predictions of sound features are processed differently. <i>Frontiers in Psychology</i> , 2014, 5, 1295.	1.1	4
56	Timing matters: the processing of pitch relations. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 387.	1.0	3
57	Microsaccadic Responses Indicate Fast Categorization of Sounds: A Novel Approach to Study Auditory Cognition. <i>Journal of Neuroscience</i> , 2014, 34, 11152-11158.	1.7	42
58	On the development of auditory distraction: A review. <i>PsyCh Journal</i> , 2014, 3, 72-91.	0.5	61
59	Temporal regularity facilitates higher-order sensory predictions in fast auditory sequences. <i>European Journal of Neuroscience</i> , 2014, 39, 308-318.	1.2	30
60	Motor Intention Determines Sensory Attenuation of Brain Responses to Self-initiated Sounds. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1481-1489.	1.1	74
61	Predictive Regularity Representations in Violation Detection and Auditory Stream Segregation: From Conceptual to Computational Models. <i>Brain Topography</i> , 2014, 27, 565-577.	0.8	75
62	Attention effects on auditory scene analysis: insights from event-related brain potentials. <i>Psychological Research</i> , 2014, 78, 361-378.	1.0	16
63	Sensation of agency and perception of temporal order. <i>Consciousness and Cognition</i> , 2014, 23, 42-52.	0.8	39
64	Do You Hear that Beat? Expectation Versus Uncertainty as Influenced by Background Noise. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 202.	0.5	0
65	The Presence of Deviant Tones Modulates Temporal Predictions in Visual-to-auditory Predictions. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 193-194.	0.5	0
66	Discrimination of personally significant from nonsignificant sounds: A training study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 930-943.	1.0	10
67	Hearing Silences: Human Auditory Processing Relies on Preactivation of Sound-Specific Brain Activity Patterns. <i>Journal of Neuroscience</i> , 2013, 33, 8633-8639.	1.7	110
68	The N1-suppression effect for self-initiated sounds is independent of attention. <i>BMC Neuroscience</i> , 2013, 14, 2.	0.8	86
69	Differences in evoked potentials during the active processing of sound location and motion. <i>Neuropsychologia</i> , 2013, 51, 1204-1214.	0.7	3
70	Prediction errors in self- and externally-generated deviants. <i>Biological Psychology</i> , 2013, 92, 410-416.	1.1	62
71	Foreground-background discrimination indicated by event-related brain potentials in a new auditory multistability paradigm. <i>Psychophysiology</i> , 2013, 50, 1239-1250.	1.2	15
72	Sensorial suppression of self-generated sounds and its dependence on attention. <i>International Journal of Psychophysiology</i> , 2013, 90, 300-310.	0.5	50

#	ARTICLE	IF	CITATIONS
73	Early visual and auditory processing rely on modality-specific attentional resources. <i>NeuroImage</i> , 2013, 70, 240-249.	2.1	47
74	Cerebellar contribution to the prediction of self-initiated sounds. <i>Cortex</i> , 2013, 49, 2449-2461.	1.1	102
75	Involuntary attentional capture by speech and non-speech deviations: A combined behavioral&event-related potential study. <i>Brain Research</i> , 2013, 1490, 153-160.	1.1	12
76	Age dependent changes of distractibility and reorienting of attention revisited: An event-related potential study. <i>Brain Research</i> , 2013, 1491, 156-166.	1.1	39
77	The dissociation between the <sc>P</sc>3a event&related potential and behavioral distraction. <i>Psychophysiology</i> , 2013, 50, 920-930.	1.2	57
78	Sensory suppression effects to self&initiated sounds reflect the attenuation of the unspecific <sc>N</sc>1 component of the auditory <sc>ERP</sc>. <i>Psychophysiology</i> , 2013, 50, 334-343.	1.2	94
79	The Human Brain Maintains Contradictory and Redundant Auditory Sensory Predictions. <i>PLoS ONE</i> , 2013, 8, e53634.	1.1	29
80	Resolution of lateral acoustic space assessed by electroencephalography and psychoacoustics. <i>Frontiers in Psychology</i> , 2013, 4, 338.	1.1	11
81	Using a staircase procedure for the objective measurement of auditory stream integration and segregation thresholds. <i>Frontiers in Psychology</i> , 2013, 4, 534.	1.1	10
82	Processing of complex distracting sounds in school-aged children and adults: evidence from EEG and MEG data. <i>Frontiers in Psychology</i> , 2013, 4, 717.	1.1	31
83	Object-related regularities are processed automatically: evidence from the visual mismatch negativity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 259.	1.0	14
84	I know what is missing here: electrophysiological prediction error signals elicited by omissions of predicted &what&but not &when&. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 407.	1.0	69
85	Electrophysiological evidence for age effects on sensory memory processing of tonal patterns.. <i>Psychology and Aging</i> , 2012, 27, 384-398.	1.4	26
86	Distraction and facilitation&two faces of the same coin?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2012, 38, 664-674.	0.7	53
87	The Cerebellum Generates Motor-to-Auditory Predictions: ERP Lesion Evidence. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 698-706.	1.1	83
88	Cognitive Psycho(Physio)Logy, Consciousness, and Some Historical Facts. <i>American Journal of Psychology</i> , 2012, 125, 250.	0.5	0
89	Familiarity of environmental sounds is used to establish auditory rules. <i>NeuroReport</i> , 2012, 23, 320-324.	0.6	9
90	Filter Effects and Filter Artifacts in the Analysis of Electrophysiological Data. <i>Frontiers in Psychology</i> , 2012, 3, 233.	1.1	196

#	ARTICLE	IF	CITATIONS
91	Knowing "what next" without knowing "when"? Temporal regularity is required for automatic higher-order predictive modeling in audition. <i>International Journal of Psychophysiology</i> , 2012, 85, 315-316.	0.5	0
92	Unintentional Temporal Context-Based Prediction of Emotional Faces: An Electrophysiological Study. <i>Cerebral Cortex</i> , 2012, 22, 1774-1785.	1.6	99
93	Age-related changes in the use of regular patterns for auditory scene analysis. <i>Hearing Research</i> , 2012, 289, 98-107.	0.9	40
94	Early electrophysiological indicators for predictive processing in audition: A review. <i>International Journal of Psychophysiology</i> , 2012, 83, 120-131.	0.5	262
95	Temporal aspects of prediction in audition: Cortical and subcortical neural mechanisms. <i>International Journal of Psychophysiology</i> , 2012, 83, 200-207.	0.5	71
96	Introductory notes on "Predictive information processing in the brain: Principles, neural mechanisms, and models". <i>International Journal of Psychophysiology</i> , 2012, 83, 119.	0.5	2
97	Auditory event-related potentials reflect dedicated change detection activity for higher-order acoustic transitions. <i>Biological Psychology</i> , 2012, 91, 142-149.	1.1	12
98	Finding the right control: The mismatch negativity under investigation. <i>Clinical Neurophysiology</i> , 2012, 123, 507-512.	0.7	82
99	Impact of lower- vs. upper-hemifield presentation on automatic colour-deviance detection: A visual mismatch negativity study. <i>Brain Research</i> , 2012, 1472, 89-98.	1.1	26
100	Spectrotemporal processing drives fast access to memory traces for spoken words. <i>NeuroImage</i> , 2012, 60, 2300-2308.	2.1	11
101	Mapping Symbols to Sounds: Electrophysiological Correlates of the Impaired Reading Process in Dyslexia. <i>Frontiers in Psychology</i> , 2012, 3, 60.	1.1	27
102	Regularity Extraction from Non-Adjacent Sounds. <i>Frontiers in Psychology</i> , 2012, 3, 143.	1.1	30
103	The processing of concurrent sounds based on inharmonicity and asynchronous onsets: An object-related negativity (ORN) study. <i>Brain Research</i> , 2012, 1439, 73-81.	1.1	10
104	Which kind of transition is important for sound representation? An event-related potential study. <i>Brain Research</i> , 2012, 1464, 30-42.	1.1	17
105	Syntactic and auditory spatial processing in the human temporal cortex: An MEG study. <i>NeuroImage</i> , 2011, 57, 624-633.	2.1	37
106	Maturation of obligatory auditory responses and their neural sources: Evidence from EEG and MEG. <i>NeuroImage</i> , 2011, 58, 630-639.	2.1	46
107	Processing of novel identifiability and duration in children and adults. <i>Biological Psychology</i> , 2011, 86, 39-49.	1.1	40
108	Preventing distraction: Assessing stimulus-specific and general effects of the predictive cueing of deviant auditory events. <i>Biological Psychology</i> , 2011, 87, 35-48.	1.1	41

#	ARTICLE	IF	CITATIONS
109	The representation of unattended, segmented sounds: A mismatch negativity (MMN) study. <i>International Journal of Psychophysiology</i> , 2011, 81, 121-126.	0.5	4
110	An Asymmetry in the Automatic Detection of the Presence or Absence of a Frequency Modulation within a Tone: A Mismatch Negativity Study. <i>Frontiers in Psychology</i> , 2011, 2, 189.	1.1	22
111	On the Role of Attention in Binocular Rivalry: Electrophysiological Evidence. <i>PLoS ONE</i> , 2011, 6, e22612.	1.1	16
112	Visual mismatch negativity and its importance in visual cognitive sciences. <i>NeuroReport</i> , 2011, 22, 669-673.	0.6	135
113	Selective suppression of self-initiated sounds in an auditory stream: An ERP study. <i>Psychophysiology</i> , 2011, 48, 1276-1283.	1.2	161
114	Sustained selective intermodal attention modulates processing of language-like stimuli. <i>Experimental Brain Research</i> , 2011, 213, 321-327.	0.7	24
115	Omission mismatch negativity builds up late. <i>NeuroReport</i> , 2010, 21, 537-541.	0.6	28
116	The time-course of auditory and visual distraction effects in a new crossmodal paradigm. <i>Neuropsychologia</i> , 2010, 48, 2130-2139.	0.7	47
117	The modulation of auditory novelty processing by working memory load in school age children and adults: a combined behavioral and event-related potential study. <i>BMC Neuroscience</i> , 2010, 11, 126.	0.8	45
118	Differences in processing violations of sequential and feature regularities as revealed by visual event-related brain potentials. <i>Brain Research</i> , 2010, 1317, 192-202.	1.1	18
119	Human visual system automatically represents large-scale sequential regularities. <i>Brain Research</i> , 2010, 1317, 165-179.	1.1	28
120	A temporal constraint for automatic deviance detection and object formation: A mismatch negativity study. <i>Brain Research</i> , 2010, 1331, 88-95.	1.1	17
121	The effects of response sharing and stimulus presentation frequency on event-related potentials in an auditory oddball paradigm. <i>Psychophysiology</i> , 2010, 47, 931-41.	1.2	1
122	Visual Object Representations Can Be Formed outside the Focus of Voluntary Attention: Evidence from Event-related Brain Potentials. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1179-1188.	1.1	44
123	Is My Mobile Ringing? Evidence for Rapid Processing of a Personally Significant Sound in Humans. <i>Journal of Neuroscience</i> , 2010, 30, 7310-7313.	1.7	41
124	Human Visual System Automatically Encodes Sequential Regularities of Discrete Events. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1124-1139.	1.1	50
125	Localizing sensory and cognitive systems for pre-attentive visual deviance detection: An sLORETA analysis of the data of Kimura et al. (2009). <i>Neuroscience Letters</i> , 2010, 485, 198-203.	1.0	78
126	Behavioral and evoked potential measures of distraction in 5-year-old children born preterm. <i>International Journal of Psychophysiology</i> , 2010, 77, 8-12.	0.5	16



#	ARTICLE	IF	CITATIONS
127	Top-down attention affects sequential regularity representation in the human visual system. <i>International Journal of Psychophysiology</i> , 2010, 77, 126-134.	0.5	29
128	Resolving inconsistencies between different cases for predictive modelling in audition. <i>International Journal of Psychophysiology</i> , 2010, 77, 216-216.	0.5	1
129	Attentional focus and behavioral relevance affect auditory memory representation of sequentially presented sounds. <i>International Journal of Psychophysiology</i> , 2010, 77, 230-230.	0.5	1
130	Asymmetries in the time course of distraction elicited by changes in the auditory and visual modalities. <i>International Journal of Psychophysiology</i> , 2010, 77, 231-231.	0.5	0
131	Neural mechanisms of intermodal sustained selective attention with concurrently presented auditory and visual stimuli. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 58.	1.0	76
132	I Heard That Coming: Event-Related Potential Evidence for Stimulus-Driven Prediction in the Auditory System. <i>Journal of Neuroscience</i> , 2009, 29, 8447-8451.	1.7	173
133	Violation of Expectation: Neural Correlates Reflect Bases of Prediction. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 155-168.	1.1	57
134	Hemispheric specialization during discrimination of sound sources reflected by MMN. <i>Neuropsychologia</i> , 2009, 47, 2652-2659.	0.7	31
135	Attenuated human auditory middle latency response and evoked 40-Hz response to self-initiated sounds. <i>European Journal of Neuroscience</i> , 2009, 29, 1514-1521.	1.2	94
136	Top-down modulation of auditory processing: effects of sound context, musical expertise and attentional focus. <i>European Journal of Neuroscience</i> , 2009, 30, 1636-1642.	1.2	96
137	Effects of intermodal attention on the auditory steady-state response and the event-related potential. <i>Psychophysiology</i> , 2009, 46, 321-327.	1.2	50
138	Disentangling effects of auditory distraction and of stimulus-response sequence. <i>Psychophysiology</i> , 2009, 46, 425-438.	1.2	9
139	Visual mismatch negativity: New evidence from the equiprobable paradigm. <i>Psychophysiology</i> , 2009, 46, 402-409.	1.2	169
140	The cognitive control of distraction by novelty in children aged 7-8 and adults. <i>Psychophysiology</i> , 2009, 46, 607-616.	1.2	40
141	Distraction in a visual multi-deviant paradigm: Behavioral and event-related potential effects. <i>International Journal of Psychophysiology</i> , 2009, 72, 260-266.	0.5	29
142	The utility of brief, spectrally rich, dynamic sounds in the passive oddball paradigm. <i>Neuroscience Letters</i> , 2009, 461, 262-265.	1.0	17
143	Familiarity affects environmental sound processing outside the focus of attention: An event-related potential study. <i>Clinical Neurophysiology</i> , 2009, 120, 887-896.	0.7	28
144	Development of Bilingual Phonological Awareness in Spanish-Speaking English Language Learners: The Roles of Vocabulary, Letter Knowledge, and Prior Phonological Awareness. <i>Scientific Studies of Reading</i> , 2009, 13, 535-564.	1.3	91

#	ARTICLE	IF	CITATIONS
145	Kriterien für vertrauenswürdige digitale Langzeitarchive: Der nestor-Kriterienkatalog und weitere Ansätze. Zeitschrift Für Bibliothekswesen Und Bibliographie, 2009, 56, 262-270.	0.0	0
146	MMN or no MMN: No magnitude of deviance effect on the MMN amplitude. Psychophysiology, 2008, 45, 60-69.	1.2	74
147	Early correlates of visual awareness following orientation and colour rivalry. Vision Research, 2008, 48, 2359-2369.	0.7	19
148	Specific or general? The nature of attention set changes triggered by distracting auditory events. Brain Research, 2008, 1229, 193-203.	1.1	22
149	Optimizing the auditory distraction paradigm: Behavioral and event-related potential effects in a lateralized multi-deviant approach. Clinical Neurophysiology, 2008, 119, 934-947.	0.7	17
150	Suppression of the auditory N1 event-related potential component with unpredictable self-initiated tones: Evidence for internal forward models with dynamic stimulation. International Journal of Psychophysiology, 2008, 70, 137-143.	0.5	221
151	Memory trace formation for abstract auditory features and its consequences in different attentional contexts. Biological Psychology, 2008, 78, 231-241.	1.1	55
152	Rapid extraction of auditory feature contingencies. NeuroImage, 2008, 41, 1111-1119.	2.1	84
153	Primary motor area contribution to attentional reorienting after distraction. NeuroReport, 2008, 19, 443-446.	0.6	17
154	Early correlates of visual awareness in the human brain: Time and place from event-related brain potentials. Journal of Vision, 2008, 8, 21.	0.1	32
155	Regularity Extraction and Application in Dynamic Auditory Stimulus Sequences. Journal of Cognitive Neuroscience, 2007, 19, 1664-1677.	1.1	122
156	Binding Symbols and Sounds: Evidence from Event-Related Oscillatory Gamma-Band Activity. Cerebral Cortex, 2007, 17, 2696-2702.	1.6	56
157	Attentional resources and pop-out detection in search displays. NeuroReport, 2007, 18, 1589-1593.	0.6	12
158	Automatic detection of lexical change: an auditory event-related potential study. NeuroReport, 2007, 18, 1747-1751.	0.6	13
159	The mismatch negativity in cognitive and clinical neuroscience: Theoretical and methodological considerations. Biological Psychology, 2007, 74, 1-19.	1.1	438
160	Temporal grouping affects the automatic processing of deviant sounds. Biological Psychology, 2007, 74, 358-364.	1.1	14
161	Modulation of involuntary attention by the duration of novel and pitch deviant sounds in children and adolescents. Biological Psychology, 2007, 75, 24-31.	1.1	45
162	Modulation of the mismatch negativity (MMN) to vowel duration changes in native speakers of Finnish and German as a result of language experience. International Journal of Psychophysiology, 2007, 67, 131-43.	0.5	49

#	ARTICLE	IF	CITATIONS
163	Mismatch negativity on the cone of confusion. <i>Neuroscience Letters</i> , 2007, 414, 178-182.	1.0	11
164	Differential processing of terminal tone parts within structured and non-structured tones. <i>Neuroscience Letters</i> , 2007, 421, 163-167.	1.0	8
165	Localizing pre-attentive auditory memory-based comparison: Magnetic mismatch negativity to pitch change. <i>NeuroImage</i> , 2007, 37, 561-571.	2.1	134
166	Personal significance is encoded automatically by the human brain: an event-related potential study with ringtones. <i>European Journal of Neuroscience</i> , 2007, 26, 784-790.	1.2	70
167	Perceptual and cognitive task difficulty has differential effects on auditory distraction. <i>Brain Research</i> , 2007, 1136, 169-177.	1.1	63
168	Cognitive control of involuntary attention and distraction in children and adolescents. <i>Brain Research</i> , 2007, 1155, 134-146.	1.1	64
169	Evidence for the auditory P3a reflecting an automatic process: Elicitation during highly-focused continuous visual attention. <i>Brain Research</i> , 2007, 1170, 71-78.	1.1	80
170	Mismatch Negativity. <i>Journal of Psychophysiology</i> , 2007, 21, 138-146.	0.3	122
171	Processing of Abstract Rule Violations in Audition. <i>PLoS ONE</i> , 2007, 2, e1131.	1.1	81
172	The processing of frequency deviations within sounds: evidence for the predictive nature of the Mismatch Negativity (MMN) system. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 241-9.	0.4	32
173	From Air Oscillations to Music and Speech: Functional Magnetic Resonance Imaging Evidence for Fine-Tuned Neural Networks in Audition. <i>Journal of Neuroscience</i> , 2006, 26, 8647-8652.	1.7	49
174	Mechanisms for detecting auditory temporal and spectral deviations operate over similar time windows but are divided differently between the two hemispheres. <i>NeuroImage</i> , 2006, 32, 275-282.	2.1	43
175	The development of involuntary and voluntary attention from childhood to adulthood: A combined behavioral and event-related potential study. <i>Clinical Neurophysiology</i> , 2006, 117, 2191-2203.	0.7	105
176	Synchronized brain activity during rehearsal and short-term memory disruption by irrelevant speech is affected by recall mode. <i>International Journal of Psychophysiology</i> , 2006, 61, 188-203.	0.5	24
177	Different Interference Effects in Musicians and a Control Group. <i>Experimental Psychology</i> , 2006, 53, 111-116.	0.3	24
178	Visual distraction: a behavioral and event-related brain potential study in humans. <i>NeuroReport</i> , 2006, 17, 151-155.	0.6	57
179	Selective tuning of cortical sound-feature processing by language experience. <i>European Journal of Neuroscience</i> , 2006, 23, 2538-2541.	1.2	62
180	Two separate mechanisms underlie auditory change detection and involuntary control of attention. <i>Brain Research</i> , 2006, 1077, 135-143.	1.1	172

#	ARTICLE	IF	CITATIONS
181	The Relation Between Onset, Offset, and Duration Perception as Examined by Psychophysical Data and Event-Related Brain Potentials. <i>Journal of Psychophysiology</i> , 2006, 20, 40-51.	0.3	10
182	Part III: Mental Representations of Music—Combining Behavioral and Neuroscience Tools. Introduction. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 98-99.	1.8	1
183	Auditory streaming affects the processing of successive deviant and standard sounds. <i>Psychophysiology</i> , 2005, 42, 668-676.	1.2	32
184	Sensory and cognitive mechanisms for preattentive change detection in auditory cortex. <i>European Journal of Neuroscience</i> , 2005, 21, 531-535.	1.2	91
185	Response repetition vs. response change modulates behavioral and electrophysiological effects of distraction. <i>Cognitive Brain Research</i> , 2005, 22, 451-456.	3.3	29
186	Pitch discrimination accuracy in musicians vs nonmusicians: an event-related potential and behavioral study. <i>Experimental Brain Research</i> , 2005, 161, 1-10.	0.7	250
187	Familiarity Affects the Processing of Task-irrelevant Auditory Deviance. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1704-1713.	1.1	65
188	Human auditory event-related potentials predict duration judgments. <i>Neuroscience Letters</i> , 2005, 383, 284-288.	1.0	49
189	Diagnostic subgroups of developmental dyslexia have different deficits in neural processing of tones and phonemes. <i>International Journal of Psychophysiology</i> , 2005, 56, 105-120.	0.5	121
190	Deviance-repetition effects as a function of stimulus feature, feature value variation, and timing: a mismatch negativity study. <i>Biological Psychology</i> , 2005, 68, 1-14.	1.1	22
191	Pre-attentive and attentive processing of temporal and frequency characteristics within long sounds. <i>Cognitive Brain Research</i> , 2005, 25, 711-721.	3.3	31
192	Editorial. <i>Experimental Psychology</i> , 2004, 51, 229-230.	0.3	4
193	Bottom-Up Influences on Working Memory: Behavioral and Electrophysiological Distraction Varies with Distractor Strength. <i>Experimental Psychology</i> , 2004, 51, 249-257.	0.3	148
194	Input to Verbal Working Memory. <i>Experimental Psychology</i> , 2004, 51, 231-239.	0.3	6
195	From symbols to sounds: Visual symbolic information activates sound representations. <i>Psychophysiology</i> , 2004, 41, 709-715.	1.2	57
196	Pre-attentive perception of vowel phonemes from variable speech stimuli. <i>Psychophysiology</i> , 2004, 41, 654-659.	1.2	48
197	Pre-attentive auditory processing of lexicality. <i>Brain and Language</i> , 2004, 88, 54-67.	0.8	72
198	Pre-attentive categorization of vowel formant structure in complex tones. <i>Cognitive Brain Research</i> , 2004, 20, 473-479.	3.3	15

#	ARTICLE	IF	CITATIONS
199	Texture segmentation and visual search for pop-out targets. <i>Cognitive Brain Research</i> , 2004, 21, 317-334.	3.3	42
200	The Primacy of Beauty in Judging the Aesthetics of Objects. <i>Psychological Reports</i> , 2004, 94, 1253-1260.	0.9	125
201	Neural networks engaged in short-term memory rehearsal are disrupted by irrelevant speech in human subjects. <i>Neuroscience Letters</i> , 2004, 354, 42-45.	1.0	21
202	Differential processing of duration changes within short and long sounds in humans. <i>Neuroscience Letters</i> , 2004, 356, 83-86.	1.0	42
203	Binocular rivalry is partly resolved at early processing stages with steady and with flickering presentation: a human event-related brain potential study. <i>Neuroscience Letters</i> , 2004, 371, 51-55.	1.0	22
204	Distraction and reorientation in children: a behavioral and ERP study. <i>NeuroReport</i> , 2004, 15, 1355-1358.	0.6	33
205	Distraction effects in vision: behavioral and event-related potential indices. <i>NeuroReport</i> , 2004, 15, 665-669.	0.6	83
206	Top-down control over involuntary attention switching in the auditory modality. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 630-637.	1.4	167
207	Auditory distraction by duration and location deviants: a behavioral and event-related potential study. <i>Cognitive Brain Research</i> , 2003, 17, 347-357.	3.3	84
208	Working memory controls involuntary attention switching: evidence from an auditory distraction paradigm. <i>European Journal of Neuroscience</i> , 2003, 17, 1119-1122.	1.2	202
209	Auditory distraction with different presentation rates: an event-related potential and behavioral study. <i>Clinical Neurophysiology</i> , 2003, 114, 341-349.	0.7	61
210	Measuring duration mismatch negativity. <i>Clinical Neurophysiology</i> , 2003, 114, 1133-1143.	0.7	205
211	Prefrontal cortex involvement in preattentive auditory deviance detection. <i>NeuroImage</i> , 2003, 20, 1270-1282.	2.1	310
212	Mismatch negativity to pitch change: varied stimulus proportions in controlling effects of neural refractoriness on human auditory event-related brain potentials. <i>Neuroscience Letters</i> , 2003, 344, 79-82.	1.0	88
213	Preattentive Memory-Based Comparison of Sound Intensity. <i>Audiology and Neuro-Otology</i> , 2003, 8, 338-346.	0.6	86
214	Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 683-693.	1.1	104
215	Processing Tonal Modulations: An ERP Study. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 1149-1159.	1.1	55
216	Event-Related Brain Potential Indices of Involuntary Attention to Auditory Stimulus Changes. , 2003, , 23-40.		7

#	ARTICLE	IF	CITATIONS
217	Children processing music: electric brain responses reveal musical competence and gender differences. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 683-93.	1.1	42
218	Segregating early physical and syntactic processes in auditory sentence comprehension. <i>NeuroReport</i> , 2002, 13, 305-309.	0.6	22
219	Differential Contribution of Frontal and Temporal Cortices to Auditory Change Detection: fMRI and ERP Results. <i>NeuroImage</i> , 2002, 15, 167-174.	2.1	436
220	Visual marking for search: behavioral and event-related potential analyses. <i>Cognitive Brain Research</i> , 2002, 14, 410-421.	3.3	9
221	Music matters: Preattentive musicality of the human brain. <i>Psychophysiology</i> , 2002, 39, 38-48.	1.2	104
222	Music matters: preattentive musicality of the human brain. <i>Psychophysiology</i> , 2002, 39, 38-48.	1.2	34
223	Human pre-attentive auditory change-detection with single, double, and triple deviations as revealed by mismatch negativity additivity. <i>Neuroscience Letters</i> , 2001, 311, 37-40.	1.0	55
224	Brain activity index of distractibility in normal school-age children. <i>Neuroscience Letters</i> , 2001, 314, 147-150.	1.0	73
225	Activation of the auditory pre-attentive change detection system by tone repetitions with fast stimulation rate. <i>Cognitive Brain Research</i> , 2001, 10, 323-327.	3.3	26
226	A comparison of auditory and visual distraction effects: behavioral and event-related indices. <i>Cognitive Brain Research</i> , 2001, 10, 265-273.	3.3	188
227	Automaticity and attention: investigating automatic processing in texture segmentation with event-related brain potentials. <i>Cognitive Brain Research</i> , 2001, 11, 341-361.	3.3	51
228	Facilitation of visual search at new positions: a behavioral and ERP study of new object capture. <i>NeuroReport</i> , 2001, 12, 4161-4164.	0.6	2
229	Differentiating ERAN and MMN: An ERP study. <i>NeuroReport</i> , 2001, 12, 1385-1389.	0.6	95
230	Is there pre-attentive memory-based comparison of pitch?. <i>Psychophysiology</i> , 2001, 38, 723-727.	1.2	278
231	Superior Formation of Cortical Memory Traces for Melodic Patterns in Musicians. <i>Learning and Memory</i> , 2001, 8, 295-300.	0.5	185
232	The Role of Large-Scale Memory Organization in the Mismatch Negativity Event-Related Brain Potential. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 59-71.	1.1	96
233	Is there pre-attentive memory-based comparison of pitch?. <i>Psychophysiology</i> , 2001, 38, 723-727.	1.2	6
234	Processing Spatial and Temporal Discontinuities: Electrophysiological Indicators. <i>Journal of Psychophysiology</i> , 2001, 15, 80-94.	0.3	9

#	ARTICLE	IF	CITATIONS
235	Involuntary Attention and Distractibility as Evaluated with Event-Related Brain Potentials. <i>Audiology and Neuro-Otology</i> , 2000, 5, 151-166.	0.6	567
236	Attentive and pre-attentive periodicity analysis in auditory memory. <i>NeuroReport</i> , 2000, 11, 1883-1887.	0.6	11
237	Increased Distractibility by Task-Irrelevant Sound Changes in Abstinent Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1850-1854.	1.4	47
238	Alternative perceptual states "apparent motion" and "perceived simultaneity" lead to differences of induced EEG rhythms. <i>International Journal of Psychophysiology</i> , 2000, 38, 253-263.	0.5	0
239	Effects of spectral complexity and sound duration on automatic complex-sound pitch processing in humans "a mismatch negativity study. <i>Neuroscience Letters</i> , 2000, 290, 66-70.	1.0	68
240	Brain Indices of Music Processing: "Nonmusicians" are Musical. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 520-541.	1.1	463
241	Auditory distraction: event-related potential and behavioral indices. <i>Clinical Neurophysiology</i> , 2000, 111, 1450-1460.	0.7	194
242	Electrophysiological indices of acute effects of ethanol on involuntary attention shifting. <i>Psychopharmacology</i> , 1999, 141, 16-21.	1.5	53
243	Superior pre-attentive auditory processing in musicians. <i>NeuroReport</i> , 1999, 10, 1309-1313.	0.6	345
244	Effects of consciousness on human brain waves following binocular rivalry. <i>NeuroReport</i> , 1999, 10, 713-716.	0.6	49
245	ERP INDICATIONS FOR SUSTAINED AND TRANSIENT AUDITORY SPATIAL ATTENTION WITH DIFFERENT LATERALIZATION CUES. , 1999, , 47-50.		1
246	Measurement and interpretation of the mismatch negativity. <i>Behavior Research Methods</i> , 1998, 30, 131-145.	1.3	187
247	Speeded responses to audiovisual signal changes result from bimodal integration. <i>Psychophysiology</i> , 1998, 35, 755-759.	1.2	168
248	ERP effects of intermodal attention and cross-modal links in spatial attention. <i>Psychophysiology</i> , 1998, 35, 313-327.	1.2	169
249	Preattentive processing of auditory spatial information in humans. <i>Neuroscience Letters</i> , 1998, 242, 49-52.	1.0	53
250	Human event-related brain potentials to auditory periodic noise stimuli. <i>Neuroscience Letters</i> , 1998, 242, 17-20.	1.0	16
251	Behavioral and electrophysiological effects of task-irrelevant sound change: a new distraction paradigm. <i>Cognitive Brain Research</i> , 1998, 7, 71-87.	3.3	296
252	Attentional orienting and reorienting is indicated by human event-related brain potentials. <i>NeuroReport</i> , 1998, 9, 3355-3358.	0.6	267

#	ARTICLE	IF	CITATIONS
253	Speeded responses to audiovisual signal changes result from bimodal integration. , 1998, 35, 755.		32
254	Endogenous Covert Spatial Orienting in Audition Cost-Benefit Analyses of Reaction Times and Event related Potentials. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1997, 50, 457-474.	2.3	26
255	Response from Schrätger. Trends in Cognitive Sciences, 1997, 1, 45-46.	4.0	24
256	Auditory distraction elicited by sound change. International Journal of Psychophysiology, 1997, 25, 25.	0.5	0
257	Pre-attentive processing of spectrally complex sounds with asynchronous onsets: an event-related potential study with human subjects. Neuroscience Letters, 1997, 227, 197-200.	1.0	30
258	Fast preattentive processing of location: a functional basis for selective listening in humans. Neuroscience Letters, 1997, 232, 5-8.	1.0	51
259	On the detection of auditory deviations: A pre-attentive activation model. Psychophysiology, 1997, 34, 245-257.	1.2	315
260	Endogenous Covert Spatial Orienting in Audition Cost-Benefit Analyses of Reaction Times and Event related Potentials. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1997, 50, 457-474.	2.3	9
261	Interaural time and level differences: integrated or separated processing?. Hearing Research, 1996, 96, 191-198.	0.9	99
262	Preattentive periodicity detection in auditory patterns as governed by time and intensity information. Cognitive Brain Research, 1996, 4, 145-148.	3.3	28
263	Effects of lateralized cues on the processing of lateralized auditory stimuli. Biological Psychology, 1996, 43, 203-226.	1.1	13
264	The influence of stimulus intensity and inter-stimulus interval on the detection of pitch and loudness changes. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 517-526.	2.0	54
265	Mismatch response of the human brain to changes in sound location. NeuroReport, 1996, 7, 3005-3008.	0.6	249
266	Chapter 5 Involuntary attention. Handbook of Perception and Action, 1996, 3, 155-184.	0.1	11
267	A Neural Mechanism for Involuntary Attention Shifts to Changes in Auditory Stimulation. Journal of Cognitive Neuroscience, 1996, 8, 527-539.	1.1	242
268	Neural representation for the temporal structure of sound patterns. NeuroReport, 1995, 6, 690-694.	0.6	51
269	Processing of auditory deviants with changes in one versus two stimulus dimensions. Psychophysiology, 1995, 32, 55-65.	1.2	108
270	Presentation rate and magnitude of stimulus deviance effects on human pre-attentive change detection. Neuroscience Letters, 1995, 193, 185-188.	1.0	79



#	ARTICLE	IF	CITATIONS
271	Time course of loudness in tone patterns is automatically represented by the human brain. <i>Neuroscience Letters</i> , 1995, 202, 117-120.	1.0	16
272	The location of preceding stimuli affects selective processing in a sustained attention situation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 94, 115-128.	0.3	8
273	An event-related potential study of sensory representations of unfamiliar tonal patterns. <i>Psychophysiology</i> , 1994, 31, 175-181.	1.2	43
274	Human brain potential signs of selection by location and frequency in an auditory transient attention situation. <i>Neuroscience Letters</i> , 1994, 173, 163-166.	1.0	26
275	Mismatch negativity to changes in a continuous tone with regularly varying frequencies. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994, 92, 140-147.	2.0	39
276	Event-related potentials to auditory stimuli following transient shifts of spatial attention in a Go/Nogo task. <i>Biological Psychology</i> , 1993, 36, 183-207.	1.1	80
277	Probability Distributions of Minkowski Distances between Discrete Random Variables. <i>Educational and Psychological Measurement</i> , 1993, 53, 379-398.	1.2	9
278	Effects of transient spatial attention on auditory event-related potentials. <i>NeuroReport</i> , 1993, 4, 588-590.	0.6	36
279	Development of a memory trace for a complex sound in the human brain. <i>NeuroReport</i> , 1993, 4, 503-506.	0.6	307
280	Representation of abstract attributes of auditory stimuli in the human brain. <i>NeuroReport</i> , 1992, 3, 1149-1151.	0.6	175
281	Event-related potentials reveal how non-attended complex sound patterns are represented by the human brain. <i>Neuroscience Letters</i> , 1992, 146, 183-186.	1.0	79
282	The Predictive Brain Must Have a Limitation in Short-Term Memory Capacity. <i>Current Directions in Psychological Science</i> , 0, , 096372142110299.	2.8	9
283	Predictive power of the auditory system. <i>Frontiers in Human Neuroscience</i> , 0, 3, .	1.0	0
284	A link between age, affect, and predictions?. <i>European Journal of Ageing</i> , 0, , .	1.2	1