

Andreas Widmann

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

3,039
citations

186254

28
h-index

182417

51
g-index

82
all docs

82
docs citations

82
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital filter design for electrophysiological data – a practical approach. <i>Journal of Neuroscience Methods</i> , 2015, 250, 34-46.	2.5	427
2	Pitch discrimination accuracy in musicians vs nonmusicians: an event-related potential and behavioral study. <i>Experimental Brain Research</i> , 2005, 161, 1-10.	1.5	250
3	Filter Effects and Filter Artifacts in the Analysis of Electrophysiological Data. <i>Frontiers in Psychology</i> , 2012, 3, 233.	2.1	196
4	Speeded responses to audiovisual signal changes result from bimodal integration. <i>Psychophysiology</i> , 1998, 35, 755-759.	2.4	168
5	Hearing Silences: Human Auditory Processing Relies on Preactivation of Sound-Specific Brain Activity Patterns. <i>Journal of Neuroscience</i> , 2013, 33, 8633-8639.	3.6	110
6	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.	1.5	105
7	Infant and adult pupil dilation in response to unexpected sounds. <i>Developmental Psychobiology</i> , 2016, 58, 382-392.	1.6	98
8	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.	2.6	94
9	Auditory distraction by duration and location deviants: a behavioral and event-related potential study. <i>Cognitive Brain Research</i> , 2003, 17, 347-357.	3.0	84
10	Pre-attentive auditory processing of lexicality. <i>Brain and Language</i> , 2004, 88, 54-67.	1.6	72
11	Selective tuning of cortical sound-feature processing by language experience. <i>European Journal of Neuroscience</i> , 2006, 23, 2538-2541.	2.6	62
12	From symbols to sounds: Visual symbolic information activates sound representations. <i>Psychophysiology</i> , 2004, 41, 709-715.	2.4	57
13	The dissociation between the P3a event-related potential and behavioral distraction. <i>Psychophysiology</i> , 2013, 50, 920-930.	2.4	57
14	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.	2.2	57
15	Binding Symbols and Sounds: Evidence from Event-Related Oscillatory Gamma-Band Activity. <i>Cerebral Cortex</i> , 2007, 17, 2696-2702.	2.9	56
16	Distraction and facilitation – two faces of the same coin?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2012, 38, 664-674.	0.9	53
17	Effects of intermodal attention on the auditory steady-state response and the event-related potential. <i>Psychophysiology</i> , 2009, 46, 321-327.	2.4	50
18	Sensorial suppression of self-generated sounds and its dependence on attention. <i>International Journal of Psychophysiology</i> , 2013, 90, 300-310.	1.0	50

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19	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.	1.9	45
20	Differential processing of duration changes within short and long sounds in humans. <i>Neuroscience Letters</i> , 2004, 356, 83-86.	2.1	42
21	Microsaccadic Responses Indicate Fast Categorization of Sounds: A Novel Approach to Study Auditory Cognition. <i>Journal of Neuroscience</i> , 2014, 34, 11152-11158.	3.6	42
22	The cognitive control of distraction by novelty in children aged 7-8 and adults. <i>Psychophysiology</i> , 2009, 46, 607-616.	2.4	40
23	Processing of novel identifiability and duration in children and adults. <i>Biological Psychology</i> , 2011, 86, 39-49.	2.2	40
24	Attentional gain is modulated by probabilistic feature expectations in a spatial cueing task: ERP evidence. <i>Scientific Reports</i> , 2018, 8, 54.	3.3	37
25	Distraction and reorientation in children: a behavioral and ERP study. <i>NeuroReport</i> , 2004, 15, 1355-1358.	1.2	33
26	Auditory streaming affects the processing of successive deviant and standard sounds. <i>Psychophysiology</i> , 2005, 42, 668-676.	2.4	32
27	Early correlates of visual awareness in the human brain: Time and place from event-related brain potentials. <i>Journal of Vision</i> , 2008, 8, 21.	0.3	32
28	Interrelation of attention and prediction in visual processing: Effects of task-relevance and stimulus probability. <i>Biological Psychology</i> , 2017, 125, 76-90.	2.2	32
29	Speeded responses to audiovisual signal changes result from bimodal integration. <i>Psychophysiology</i> , 1998, 35, 755-759.	2.4	32
30	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.	2.5	31
31	Temporal regularity facilitates higher-order sensory predictions in fast auditory sequences. <i>European Journal of Neuroscience</i> , 2014, 39, 308-318.	2.6	30
32	Response repetition vs. response change modulates behavioral and electrophysiological effects of distraction. <i>Cognitive Brain Research</i> , 2005, 22, 451-456.	3.0	29
33	Top-down attention affects sequential regularity representation in the human visual system. <i>International Journal of Psychophysiology</i> , 2010, 77, 126-134.	1.0	29
34	The Human Brain Maintains Contradictory and Redundant Auditory Sensory Predictions. <i>PLoS ONE</i> , 2013, 8, e53634.	2.5	29
35	Human visual system automatically represents large-scale sequential regularities. <i>Brain Research</i> , 2010, 1317, 165-179.	2.2	28
36	Mapping Symbols to Sounds: Electrophysiological Correlates of the Impaired Reading Process in Dyslexia. <i>Frontiers in Psychology</i> , 2012, 3, 60.	2.1	27

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37	Distraction by emotional sounds: Disentangling arousal benefits and orienting costs.. <i>Emotion</i> , 2015, 15, 428-437.	1.8	26
38	Can't Ignore"Distraction by Task"Irrelevant Sounds in Early and Middle Childhood. <i>Child Development</i> , 2019, 90, e819-e830.	3.0	25
39	The quest for the genuine visual mismatch negativity (vMMN): Event"related potential indications of deviance detection for low"level visual features. <i>Psychophysiology</i> , 2020, 57, e13576.	2.4	24
40	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.	2.2	22
41	The impact of novelty and emotion on attention-related neuronal and pupil responses in children. <i>Developmental Cognitive Neuroscience</i> , 2020, 42, 100766.	4.0	20
42	Omission related brain responses reflect specific and unspecific action-effect couplings. <i>NeuroImage</i> , 2020, 215, 116840.	4.2	19
43	Action Intention-based and Stimulus Regularity-based Predictions: Same or Different?. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1917-1932.	2.3	18
44	High-pass filters and baseline correction in M/EEG analysis-continued discussion. <i>Journal of Neuroscience Methods</i> , 2016, 266, 171-172.	2.5	17
45	Roughness perception in sounds: behavioral and ERP evidence. <i>Biological Psychology</i> , 2004, 67, 319-330.	2.2	16
46	Foreground"background discrimination indicated by event"related brain potentials in a new auditory multistability paradigm. <i>Psychophysiology</i> , 2013, 50, 1239-1250.	2.4	15
47	Brain activity from stimuli that are not perceived: Visual mismatch negativity during binocular rivalry suppression. <i>Psychophysiology</i> , 2017, 54, 755-763.	2.4	15
48	Object-related regularities are processed automatically: evidence from the visual mismatch negativity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 259.	2.0	14
49	Distraction by Novel and Pitch-Deviant Sounds in Children. <i>Frontiers in Psychology</i> , 2016, 7, 1949.	2.1	14
50	The auditory brain in action: Intention determines predictive processing in the auditory system"A review of current paradigms and findings. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 321-342.	2.8	14
51	Involuntary attentional capture by speech and non-speech deviations: A combined behavioral"event-related potential study. <i>Brain Research</i> , 2013, 1490, 153-160.	2.2	12
52	A tutorial on the use of temporal principal component analysis in developmental ERP research "Opportunities and challenges. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101072.	4.0	12
53	Effects of explicit knowledge and predictability on auditory distraction and target performance. <i>International Journal of Psychophysiology</i> , 2015, 98, 174-181.	1.0	11
54	Distraction of attention by novel sounds in children declines fast. <i>Scientific Reports</i> , 2021, 11, 5308.	3.3	10

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55	Disentangling effects of auditory distraction and of stimulus-response sequence. <i>Psychophysiology</i> , 2009, 46, 425-438.	2.4	9
56	What <i>exactly</i> is missing here? The sensory processing of unpredictable omissions is modulated by the specificity of expected action-effects. <i>European Journal of Neuroscience</i> , 2020, 52, 4667-4683.	2.6	9
57	Infants' and adults' looking behavior does not indicate perceptual distraction for constrained modelled actions - An eye-tracking study. , 2017, 47, 103-111.		8
58	Picture-evoked changes in pupil size predict learning success in children. <i>Journal of Experimental Child Psychology</i> , 2020, 192, 104787.	1.4	8
59	Presentation Probability of Visual-Auditory Pairs Modulates Visually Induced Auditory Predictions. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1110-1125.	2.3	7
60	Interpretation bias and contamination-based obsessive-compulsive symptoms influence emotional intensity related to disgust and fear. <i>PLoS ONE</i> , 2020, 15, e0232362.	2.5	5
61	The encoding of stochastic regularities is facilitated by action-effect predictions. <i>Scientific Reports</i> , 2021, 11, 6790.	3.3	5
62	Separate and concurrent symbolic predictions of sound features are processed differently. <i>Frontiers in Psychology</i> , 2014, 5, 1295.	2.1	4
63	Modulation of early auditory processing by visual information: Prediction or bimodal integration?. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 1538-1551.	1.3	4
64	Sound omission related brain responses in children. <i>Developmental Cognitive Neuroscience</i> , 2022, 53, 101045.	4.0	4
65	Cross-modal predictive processing depends on context rather than local contingencies. <i>Psychophysiology</i> , 2021, 58, e13811.	2.4	3
66	The effect of background speech on attentive sound processing: A pupil dilation study. <i>International Journal of Psychophysiology</i> , 2022, 174, 47-56.	1.0	3
67	Attentional Processing of Disgust and Fear and Its Relationship With Contamination-Based Obsessive-Compulsive Symptoms: Stronger Response Urgency to Disgusting Stimuli in Disgust-Prone Individuals. <i>Frontiers in Psychiatry</i> , 2021, 12, 596557.	2.6	2
68	Attentional control in middle childhood is highly dynamic - Strong initial distraction is followed by advanced attention control. <i>Developmental Science</i> , 2022, 25, e13275.	2.4	2
69	Exploration of Roughness by Means of the Mismatch Negativity Paradigm. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 170-172.	3.8	1
70	Tablet PC use directly affects children's perception and attention. <i>Scientific Reports</i> , 2021, 11, 21215.	3.3	1
71	Action effect predictions in "what", "when", and "whether" intentional actions. <i>Brain Research</i> , 2022, , 147992.	2.2	1
72	Title is missing!. , 2020, 15, e0232362.		0

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73	Title is missing!. , 2020, 15, e0232362.		0
74	Title is missing!. , 2020, 15, e0232362.		0
75	Title is missing!. , 2020, 15, e0232362.		0