

István Czigler

List of Publications by Year in descending order

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117
papers

4,298
citations

101543

36
h-index

118850

62
g-index

127
all docs

127
docs citations

127
times ranked

2348
citing authors

#	ARTICLE	IF	CITATIONS
1	Változások az Előhang a kognitív pszichológiához tanulmányhoz fűzött megjegyzésekhez. Magyar Pszichológiai Szemle, 2022, 76, 667-672.	0,2	0
2	Előhang a kognitív pszichológiához. Magyar Pszichológiai Szemle, 2022, 76, 601-625.	0.2	0
3	Putnoky Jenő (1928–1982). Magyar Pszichológiai Szemle, 2022, 77, 159-162.	0.2	0
4	The modulatory effect of adaptive task-switching training on resting-state neural network dynamics in younger and older adults. Scientific Reports, 2022, 12, .	3.3	1
5	Pre-attentive auditory change detection for rapid auditory transient combinations: Insight from age-related processing changes. Biological Psychology, 2021, 159, 108024.	2.2	1
6	Automatic detection of peripheral stimuli in shooters and handball players: an event-related potential study. Experimental Brain Research, 2021, 239, 1531-1538.	1.5	5
7	Older Adults Automatically Detect Age of Older Adults™ Photographs: A Visual Mismatch Negativity Study. Frontiers in Human Neuroscience, 2021, 15, 707702.	2.0	4
8	Does Creativity Influence Visual Perception? - An Event-Related Potential Study With Younger and Older Adults. Frontiers in Psychology, 2021, 12, 742116.	2.1	4
9	Visual Mismatch Negativity: A Mini-Review of Non-pathological Studies With Special Populations and Stimuli. Frontiers in Human Neuroscience, 2021, 15, 781234.	2.0	8
10	Timing of repetition suppression of event-related potentials to unattended objects. European Journal of Neuroscience, 2020, 52, 4432-4441.	2.6	17
11	Automatic change detection and spatial attention: a visual mismatch negativity study. European Journal of Neuroscience, 2020, 52, 4423-4431.	2.6	9
12	Age Effects on Distraction in a Visual Task Requiring Fast Reactions: An Event-Related Potential Study. Frontiers in Aging Neuroscience, 2020, 12, 596047.	3.4	2
13	Can irrelevant but salient visual cues compensate for the age-related decline in cognitive conflict resolution? An ERP study. PLoS ONE, 2020, 15, e0233496.	2.5	11
14	The effect of hand motion and object orientation on the automatic detection of orientation: A visual mismatch negativity study. PLoS ONE, 2020, 15, e0229223.	2.5	0
15	Automatic detection of violations of statistical regularities in the periphery is affected by the focus of spatial attention: A visual mismatch negativity study. European Journal of Neuroscience, 2019, 49, 1348-1356.	2.6	9
16	Visual mismatch negativity to disappearing parts of objects and textures. PLoS ONE, 2019, 14, e0209130.	2.5	4
17	Differential impact of acute hypoxia on event related potentials: impaired task-irrelevant, but preserved task-relevant processing and response inhibition. Physiology and Behavior, 2019, 206, 28-36.	2.1	10
18	Visual mismatch negativity and stimulus-specific adaptation: the role of stimulus complexity. Experimental Brain Research, 2019, 237, 1179-1194.	1.5	12

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19	Cognitive resilience after prolonged task performance: an ERP investigation. <i>Experimental Brain Research</i> , 2019, 237, 377-388.	1.5	10
20	Automatic detection of the duration of visual static and dynamic stimuli. <i>Brain Research</i> , 2018, 1686, 34-41.	2.2	0
21	Automatic Change Detection in Older and Younger Women: A Visual Mismatch Negativity Study. <i>Gerontology</i> , 2018, 64, 318-325.	2.8	5
22	Task-Switching Training and Transfer. <i>Journal of Psychophysiology</i> , 2018, 32, 106-130.	0.7	16
23	Automatic detection of orientation variance. <i>Neuroscience Letters</i> , 2017, 658, 43-47.	2.1	7
24	Automatic change detection in vision: Adaptation, memory mismatch, or both? II: Oddball and adaptation effects on event-related potentials. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 2396-2411.	1.3	6
25	Visual mismatch negativity (vMMN) for low- and high-level deviances: A control study. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 2153-2170.	1.3	23
26	When Elderly Outperform Young Adultsâ€”Integration in Vision Revealed by the Visual Mismatch Negativity. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 15.	3.4	3
27	Visual mismatch negativity to vanishing parts of objects in younger and older adults. <i>PLoS ONE</i> , 2017, 12, e0188929.	2.5	11
28	Dissociated Components of Executive Control in Acute Hypobaric Hypoxia. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 1081-1087.	0.4	5
29	Marton Magda munkÃ©i a kÃ©rleti pszicholÃ³giÃ¡ban. <i>Magyar Pszichologiai Szemle</i> , 2017, 72, 427-439.	0.2	1
30	Commentary: Cultural differences in on-line sensitivity to emotional voices: comparing East and West. <i>Frontiers in Human Neuroscience</i> , 2016, 9, 696.	2.0	0
31	Mismatch negativity and neural adaptation: Two sides of the same coin. Response: Commentary: Visual mismatch negativity: a predictive coding view. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 13.	2.0	17
32	Extreme Environment Effects on Cognitive Functions: A Longitudinal Study in High Altitude in Antarctica. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 331.	2.0	16
33	Age-related processing strategies and go/no-go effects in task-switching: an ERP study. <i>Frontiers in Human Neuroscience</i> , 2015, 09, 177.	2.0	17
34	Asymmetric effect of automatic deviant detection: The effect of familiarity in visual mismatch negativity. <i>Brain Research</i> , 2015, 1626, 108-117.	2.2	14
35	LÃ¡szlÃ³ JÃ¡nos [1948â€“2015]. <i>Magyar Pszichologiai Szemle</i> , 2015, 70, 459-461.	0.2	0
36	Visual mismatch negativity: a predictive coding view. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 666.	2.0	232

#	ARTICLE	IF	CITATIONS
37	Event-related theta synchronization predicts deficit in facial affect recognition in schizophrenia.. Journal of Abnormal Psychology, 2014, 123, 178-189.	1.9	19
38	Experimental framework for spatial cognition research in immersive virtual space. , 2014, , .		12
39	Comparison between wireless and wired EEG recordings in a virtual reality lab: Case report. , 2014, , .		9
40	Asymmetry of automatic change detection shown by the visual mismatch negativity: An additional feature is identified faster than missing features. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 278-285.	2.0	7
41	Visual Mismatch Negativity and Categorization. Brain Topography, 2014, 27, 590-598.	1.8	59
42	Visual mismatch negativity is sensitive to illusory brightness changes. Brain Research, 2014, 1561, 48-59.	2.2	11
43	Visual mismatch negativity (vMMN): a prediction error signal in the visual modality. Frontiers in Human Neuroscience, 2014, 8, 1074.	2.0	42
44	Fearful face recognition in schizophrenia: An electrophysiological study. Schizophrenia Research, 2013, 149, 135-140.	2.0	21
45	Stimulus complexity effects on the event-related potentials to task-irrelevant stimuli. Biological Psychology, 2013, 94, 82-89.	2.2	14
46	Visual mismatch negativity is sensitive to symmetry as a perceptual category. European Journal of Neuroscience, 2013, 37, 662-667.	2.6	38
47	Emotion-Related Visual Mismatch Responses in Schizophrenia: Impairments and Correlations with Emotion Recognition. PLoS ONE, 2013, 8, e75444.	2.5	50
48	Prediction Beyond the Borders: ERP Indices of Boundary Extension-Related Error. PLoS ONE, 2013, 8, e74245.	2.5	6
49	Is it a face of a woman or a man? Visual mismatch negativity is sensitive to gender category. Frontiers in Human Neuroscience, 2013, 7, 532.	2.0	44
50	Oblique effect in visual mismatch negativity. Frontiers in Human Neuroscience, 2013, 7, 591.	2.0	21
51	Mismatch Negativity Does Not Show Evidence of Memory Reactivation in the Visual Modality. Journal of Psychophysiology, 2013, 27, 1-6.	0.7	11
52	Evidence from auditory and visual event-related potential (ERP) studies of deviance detection (MMN) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Journal of Psychophysiology, 2012, 83, 132-143.	1.0	202
53	Impact of lower- vs. upper-hemifield presentation on automatic colour-deviance detection: A visual mismatch negativity study. Brain Research, 2012, 1472, 89-98.	2.2	26
54	Processing of unattended facial emotions: A visual mismatch negativity study. NeuroImage, 2012, 59, 3042-3049.	4.2	149

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55	Automatic prediction error responses to hands with unexpected laterality: An electrophysiological study. <i>NeuroImage</i> , 2012, 63, 253-261.	4.2	54
56	Facial affect recognition: Electrophysiological findings in schizophrenia. <i>European Psychiatry</i> , 2011, 26, 424-424.	0.2	0
57	Visual Mismatch Negativity Reveals Automatic Detection of Sequential Regularity Violation. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 46.	2.0	84
58	Visual mismatch negativity and its importance in visual cognitive sciences. <i>NeuroReport</i> , 2011, 22, 669-673.	1.2	135
59	One plus one is less than two: Visual features elicit non-additive mismatch-related brain activity. <i>Brain Research</i> , 2011, 1398, 64-71.	2.2	50
60	Effects of Novelty on Event-Related Potentials: Aging and Stimulus Replacement. <i>Gerontology</i> , 2011, 57, 364-374.	2.8	5
61	Visual mismatch negativity to irrelevant changes is sensitive to task-relevant changes. <i>Neuropsychologia</i> , 2010, 48, 1277-1282.	1.6	37
62	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.	2.3	44
63	Human Visual System Automatically Encodes Sequential Regularities of Discrete Events. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1124-1139.	2.3	50
64	Unnoticed regularity violation elicits change-related brain activity. <i>Biological Psychology</i> , 2009, 80, 339-347.	2.2	44
65	Age-related differences in distraction and reorientation in an auditory task. <i>Neurobiology of Aging</i> , 2009, 30, 1157-1172.	3.1	103
66	MMN or no MMN: No magnitude of deviance effect on the MMN amplitude. <i>Psychophysiology</i> , 2008, 45, 60-69.	2.4	74
67	The temporal window of integration in elderly and young adults. <i>Neurobiology of Aging</i> , 2007, 28, 964-975.	3.1	38
68	Electroencephalography effects to semantic and non-semantic mismatch in properties of visually presented single-characters: The N2b and the N400. <i>Neuroscience Letters</i> , 2007, 412, 18-23.	2.1	38
69	Event-related potential study to aversive auditory stimuli. <i>Neuroscience Letters</i> , 2007, 420, 251-256.	2.1	38
70	Visual Mismatch Negativity. <i>Journal of Psychophysiology</i> , 2007, 21, 224-230.	0.7	157
71	Backward masking and visual mismatch negativity: Electrophysiological evidence for memory-based detection of deviant stimuli. <i>Psychophysiology</i> , 2007, 44, 610-619.	2.4	38
72	ERPs and deviance detection: Visual mismatch negativity to repeated visual stimuli. <i>Neuroscience Letters</i> , 2006, 401, 178-182.	2.1	82

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73	Age and novelty: Event-related potentials to visual stimuli within an auditory oddball visual detection task. <i>International Journal of Psychophysiology</i> , 2006, 62, 290-299.	1.0	28
74	Age and novelty: Event-related brain potentials and autonomic activity. <i>Psychophysiology</i> , 2006, 43, 261-271.	2.4	26
75	Visual temporal window of integration as revealed by the visual mismatch negativity event-related potential to stimulus omissions. <i>Brain Research</i> , 2006, 1104, 129-140.	2.2	44
76	ÁšjdonsÁig-detekciÁ idÁ'skorban: PszichofiziolÁgiai vizsgÁlatok. <i>Magyar Pszichologiai Szemle</i> , 2006, 61, 581-595.	0.2	0
77	Preattentive Binding of Auditory and Visual Stimulus Features. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 320-339.	2.3	122
78	Age-related effects of novel visual stimuli in a letter-matching task: an event-related potential study. <i>Biological Psychology</i> , 2005, 69, 229-242.	2.2	43
79	Visual change detection: event-related potentials are dependent on stimulus location in humans. <i>Neuroscience Letters</i> , 2004, 364, 149-153.	2.1	126
80	Memory-based detection of task-irrelevant visual changes. <i>Psychophysiology</i> , 2002, 39, 869-873.	2.4	221
81	Event-related potentials and audiovisual stimuli: multimodal interactions. <i>NeuroReport</i> , 2001, 12, 223-226.	1.2	11
82	Organizing sound sequences in the human brain: the interplay of auditory streaming and temporal integration. <i>Brain Research</i> , 2001, 897, 222-227.	2.2	102
83	Simultaneously active pre-attentive representations of local and global rules for sound sequences in the human brain. <i>Cognitive Brain Research</i> , 2001, 12, 131-144.	3.0	115
84	FrontÁlis diszfunkciÁra utalÁ esemÁnyhez kÁttÁtt agyi potenciÁl vÁltozÁsok magassÁgi hipoxiÁban. <i>Magyar Pszichologiai Szemle</i> , 2001, 55, 501-516.	0.2	1
85	Ranschburg-effektus: megÁjult ÁordeklÁ's. <i>Magyar Pszichologiai Szemle</i> , 2000, 55, 297-304.	0.2	2
86	Brain responses reveal the learning of foreign language phonemes. <i>Psychophysiology</i> , 1999, 36, 638-642.	2.4	261
87	Pre-attentive detection of vowel contrasts utilizes both phonetic and auditory memory representations. <i>Cognitive Brain Research</i> , 1999, 7, 357-369.	3.0	177
88	Brain responses reveal the learning of foreign language phonemes. <i>Psychophysiology</i> , 1999, 36, 638-642.	2.4	31
89	Effects of cue information on response production and inhibition measured by event-related potentials. <i>Acta Physiologica Hungarica</i> , 1999, 86, 37-44.	0.9	13
90	Attention to features of separate objects: an ERP study of target-shooters and control participants. <i>International Journal of Psychophysiology</i> , 1998, 31, 77-87.	1.0	11

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91	Object-related Attention: An Event-related Potential Study. <i>Brain and Cognition</i> , 1998, 38, 113-124.	1.8	5
92	Temporal constraints of auditory event synthesis. <i>NeuroReport</i> , 1998, 9, 495-499.	1.2	71
93	Mismatch negativity. <i>NeuroReport</i> , 1998, 9, 3809-3813.	1.2	94
94	Age and Information Processing. <i>European Psychologist</i> , 1997, 2, 247-257.	3.1	6
95	Event-related potential correlates of color selection and lexical decision: hierarchical processing or late selection?. <i>International Journal of Psychophysiology</i> , 1996, 22, 67-84.	1.0	13
96	Age, color processing and meaningfulness: an event-related potential study. <i>International Journal of Psychophysiology</i> , 1996, 22, 25-34.	1.0	16
97	Aging, stimulus identification and the effect of probability: an event-related potential study. <i>Biological Psychology</i> , 1996, 43, 27-40.	2.2	33
98	Effects of colour and lexical relevance on irrelevant stimuli. <i>NeuroReport</i> , 1996, 7, 672-676.	1.2	3
99	Preattentive auditory change detection relies on unitary sensory memory representations. <i>NeuroReport</i> , 1996, 7, 2413-2418.	1.2	37
100	Interactions between Transient and Long-Term Auditory Memory as Reflected by the Mismatch Negativity. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 403-415.	2.3	89
101	Attentional processes in discriminating visual features and the conjunction of features: ERP results. <i>Electroencephalography and Clinical Neurophysiology Supplement</i> , 1995, 44, 243-9.	0.0	0
102	Effects of stimulus alternation, repetition and response requirements on event-related potentials to patterned visual stimuli. <i>Biological Psychology</i> , 1994, 37, 115-132.	2.2	10
103	Age and inter-stimulus interval effects on event-related potentials to frequent and infrequent auditory stimuli. <i>Biological Psychology</i> , 1992, 33, 195-206.	2.2	117
104	Event-Related Potentials and the Identification of Deviant Visual Stimuli. <i>Psychophysiology</i> , 1992, 29, 471-485.	2.4	48
105	Event-related potentials to irrelevant deviant motion of visual shapes. <i>International Journal of Psychophysiology</i> , 1991, 11, 155-159.	1.0	6
106	Event-related potentials in a lexical stroop task. <i>International Journal of Psychophysiology</i> , 1991, 11, 281-293.	1.0	3
107	Event-related potentials and automatic and attentional processes in visual discrimination. <i>International Journal of Psychophysiology</i> , 1991, 11, 19-20.	1.0	1
108	Is the attentional trace theory modality specific?. <i>Behavioral and Brain Sciences</i> , 1990, 13, 238-239.	0.7	2

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109	Event-Related Potentials in a Visual Discrimination Task: Negative Waves Related to Detection and Attention. <i>Psychophysiology</i> , 1990, 27, 669-676.	2.4	71
110	Event-related potential evidence of semantic mismatch in a "same-different" reaction time task. <i>International Journal of Psychophysiology</i> , 1989, 8, 185-187.	1.0	0
111	Event-related potentials to deviant visual stimuli: Awareness and discrimination. <i>International Journal of Psychophysiology</i> , 1989, 7, 170-171.	1.0	0
112	Matching facial features: Event-related potential study. <i>International Journal of Psychophysiology</i> , 1989, 7, 171-172.	1.0	0
113	Selection within fixation: event-related potentials in a visual matching task. <i>International Journal of Psychophysiology</i> , 1988, 6, 39-49.	1.0	35
114	Task Related Effects on Event Related Potentials to Target and Non-Target Stimuli in Visual Modality. <i>Advances in Psychology</i> , 1985, , 247-255.	0.1	0
115	Matching of facial features: Continuous processing, improper filtering, and holistic comparison. <i>Perception & Psychophysics</i> , 1985, 37, 257-265.	2.3	5
116	Changes in perceived contrast, reaction time, and pattern-specific evoked potentials due to stimulus duration. <i>Perception & Psychophysics</i> , 1980, 28, 458-464.	2.3	5
117	Effects of the inter-stimulus interval on visual evoked potentials to patterned stimuli. <i>Activitas Nervosa Superior</i> , 1979, 21, 81-9.	0.0	1