Elzbieta Szelag

List of Publications by Year
in descending order

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57 papers	1,196 citations	430843 18 h-index	395678 33 g-index
58 all docs	58 docs citations	58 times ranked	913 citing authors

#	Article	IF	Citations
1	Temporal processing deficits in high-functioning children with autism. British Journal of Psychology, 2004, 95, 269-282.	2.3	117
2	Cortical involvement in temporal reproduction: evidence for differential roles of the hemispheres. Neuropsychologia, 2002, 40, 357-366.	1.6	97
3	Temporal processing disorders in patients with Broca's aphasia. Neuroscience Letters, 1997, 235, 33-36.	2.1	76
4	Auditory temporal-order judgement is impaired in patients with cortical lesions in posterior regions of the left hemisphere. Neuroscience Letters, 1999, 264, 168-171.	2.1	68
5	Individual differences in the perception of temporal order: The effect of age and cognition. Cognitive Neuropsychology, 2009, 26, 135-147.	1.1	63
6	Duration processing in children as determined by time reproduction: implications for a few seconds temporal window. Acta Psychologica, 2002, 110, 1-19.	1.5	58
7	Time Perception Distortion in Neuropsychiatric and Neurological Disorders. CNS and Neurological Disorders - Drug Targets, 2013, 12, 567-582.	1.4	51
8	Temporal order judgement for auditory and visual stimuli. Acta Neurobiologiae Experimentalis, 2002, 62, 263-70.	0.7	50
9	Auditory perception of temporal order in humans: The effect of age, gender, listener practice and stimulus presentation mode. Neuroscience Letters, 2006, 403, 190-194.	2.1	46
10	Temporal order perception of auditory stimuli is selectively modified by tonal and non-tonal language environments. Cognition, 2013, 129, 579-585.	2.2	44
11	Training in rapid auditory processing ameliorates auditory comprehension in aphasic patients: A randomized controlled pilot study. Journal of the Neurological Sciences, 2014, 338, 77-86.	0.6	37
12	Hemispheric specialisation for self-paced motor sequences. Cognitive Brain Research, 2001, 10, 341-344.	3.0	36
13	Individual differences in temporal information processing in humans. Acta Neurobiologiae Experimentalis, 2004, 64, 349-66.	0.7	29
14	Changes in fMRI BOLD response to increasing and decreasing task difficulty during auditory perception of temporal order. Neurobiology of Learning and Memory, 2010, 94, 382-391.	1.9	27
15	Temporal processing as a base for language universals: Cross-linguistic comparisons on sequencing abilities with some implications for language therapy. Restorative Neurology and Neuroscience, 2011, 29, 35-45.	0.7	23
16	The effect of congenital deafness on duration judgment. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 946-953.	5.2	22
17	Sex Differences in Perception of Temporal Order. Perceptual and Motor Skills, 2003, 96, 105-112.	1.3	21
18	Hemispheric differences in the perception of gratings. Bulletin of the Psychonomic Society, 1987, 25, 95-98.	0.2	20

#	Article	IF	Citations
19	Temporal information processing as a basis for auditory comprehension: clinical evidence from aphasic patients. International Journal of Language and Communication Disorders, 2015, 50, 604-615.	1.5	20
20	Cognitive function in elderly can be ameliorated by training in temporal information processing. Restorative Neurology and Neuroscience, 2012, 30, 419-434.	0.7	19
21	Divergent effects of age on performance in spatial associative learning and real idiothetic memory in humans. Behavioural Brain Research, 2011, 218, 87-93.	2.2	18
22	Electrophysiological Indicators of the Age-Related Deterioration in the Sensitivity to Auditory Duration Deviance. Frontiers in Aging Neuroscience, 2016, 8, 2.	3.4	17
23	Temporal Information Processing and its Relation to Executive Functions in Elderly Individuals. Frontiers in Psychology, 2016, 7, 1599.	2.1	16
24	The effect of congenital deafness on cerebral asymmetry in the perception of emotional and non-emotional faces. Acta Psychologica, 1992, 79, 45-57.	1.5	15
25	Hemispheric differences in the perception of words and faces in deaf and hearing children. Scandinavian Journal of Psychology, 1992, 33, 1-11.	1.5	14
26	Maintenance vs. Manipulation in Auditory Verbal Working Memory in the Elderly: New Insights Based on Temporal Dynamics of Information Processing in the Millisecond Time Range. Frontiers in Aging Neuroscience, 2020, 12, 194.	3.4	14
27	Towards electrophysiological correlates of auditory perception of temporal order. Neuroscience Letters, 2008, 437, 139-143.	2.1	13
28	The Application of Timing in Therapy of Children and Adults with Language Disorders. Frontiers in Psychology, 2015, 6, 1714.	2.1	12
29	The Treatment Based on Temporal Information Processing Reduces Speech Comprehension Deficits in Aphasic Subjects. Frontiers in Aging Neuroscience, 2017, 9, 98.	3.4	12
30	Deficits of non-verbal auditory perception in postlingually deaf humans using cochlear implants. Neuroscience Letters, 2004, 355, 49-52.	2.1	11
31	Spatial and Spectral Auditory Temporal-Order Judgment (TOJ) Tasks in Elderly People Are Performed Using Different Perceptual Strategies. Frontiers in Psychology, 2018, 9, 2557.	2.1	11
32	Temporal Integration of the Brain as Studied with the Metronome Paradigm. , 1997, , 121-131.		11
33	Cross-modal comparisons of stimulus specificity and commonality in phonological processing. Brain and Language, 2016, 155-156, 12-23.	1.6	10
34	Training in Temporal Information Processing Ameliorates Phonetic Identification. Frontiers in Human Neuroscience, 2018, 12, 213.	2.0	10
35	Temporal integration in a subjective accentuation task as a function of child cognitive development. Neuroscience Letters, 1998, 257, 69-72.	2.1	9
36	Temporal constraints of perceiving, generating, and integrating information: Clinical indications. Restorative Neurology and Neuroscience, 1999, 14, 167-182.	0.7	9

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37	Temporal perception: A key to understanding language. Behavioral and Brain Sciences, 2000, 23, 52-52.	0.7	8
38	Working Memory in Aphasia: The Role of Temporal Information Processing. Frontiers in Human Neuroscience, 2020, 14, 589802.	2.0	8
39	Altered event-related potentials and theta oscillations index auditory working memory deficits in healthy aging. Neurobiology of Aging, 2021, 108, 1-15.	3.1	8
40	Auditory perception of temporal order: A comparison between tonal language speakers with and without non-tonal language experience. Acta Neurobiologiae Experimentalis, 2014, 74, 98-103.	0.7	8
41	The Effect of Auditory Experience on Hemispheric Asymmetry in a Post-Lingually Deaf Child: A Case Study. Cortex, 1996, 32, 647-661.	2.4	5
42	Training-Induced Changes in Rapid Auditory Processing in Children With Specific Language Impairment: Electrophysiological Indicators. Frontiers in Human Neuroscience, 2018, 12, 310.	2.0	5
43	Hearing Loss and Auditory Processing Disorders: Clinical and Experimental Perspectives. On Thinking, 2011, , 153-168.	0.5	5
44	Age as a moderator of the relationship between planning and temporal information processing. Scientific Reports, 2022, 12, 1548.	3.3	5
45	Time Perception in Aging: Age-related Cognitive and Temporal Decline is Reduced by Intensive Temporal Training. Procedia, Social and Behavioral Sciences, 2014, 126, 109-110.	0.5	4
46	Reproduction of auditory and visual standards in monochannel cochlear implant users. Acta Neurobiologiae Experimentalis, 2004, 64, 395-402.	0.7	4
47	Sub- and Supra-Second Timing in Auditory Perception: Evidence for Cross-Domain Relationships. Frontiers in Neuroscience, 2021, 15, 812533.	2.8	3
48	Hemispheric asymmetries in stutterers: Disorder severity and neuroticism?. Acta Psychologica, 1997, 95, 299-315.	1.5	2
49	SEX DIFFERENCES IN PERCEPTION OF TEMPORAL ORDER. Perceptual and Motor Skills, 2003, 96, 105.	1.3	2
50	Commentary: Effects of Video Game Training on Measures of Selective Attention and Working Memory in Older Adults: Results from a Randomized Controlled Trial. Frontiers in Aging Neuroscience, 2018, 9, 442.	3.4	1
51	Age-related differences in Voice-Onset-Time in Polish language users: An ERP study. Acta Psychologica, 2019, 193, 18-29.	1.5	1
52	The Application of Timing in Therapy of Children and Adults with Language Disorders. Frontiers in Psychology, 0, 6, .	2.1	1
53	Hemispheric asymmetry in the perception of emotional and non-emotional faces in children. International Journal of Psychophysiology, 1989, 7, 405-406.	1.0	0
54	The effect of auditory experiences in early ontogenesis on hemispheric asymmetry in deaf child. International Journal of Psychophysiology, 1991, 11, 79.	1.0	0

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55	Temporal limits of an integration mechanism. International Journal of Psychophysiology, 1997, 25, 29.	1.0	0
56	Temporal Information Processing and Language Skills in Children with Specific Language Impairment. Smart Innovation, Systems and Technologies, 2016, , 45-52.	0.6	0
57	Nonlinear Timing and Language Processing in Norm and Pathology. Smart Innovation, Systems and Technologies, 2016, , 35-44.	0.6	0