List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	How Learning to Read Changes the Cortical Networks for Vision and Language. Science, 2010, 330, 1359-1364.	6.0	1,030
2	Illiterate to literate: behavioural and cerebral changes induced by reading acquisition. Nature Reviews Neuroscience, 2015, 16, 234-244.	4.9	502
3	Functional dissociations following bilateral lesions of auditory cortex. Brain, 1994, 117, 1283-1301.	3.7	298
4	Spatial associations for musical stimuli: A piano in the head?. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 1189-1207.	0.7	166
5	Songs as an aid for language acquisition. Cognition, 2008, 106, 975-983.	1.1	163
6	The locus of the orthographic consistency effect in auditory word recognition. Language and Cognitive Processes, 2004, 19, 57-95.	2.3	127
7	Perception and awareness in phonological processing: the case of the phoneme. Cognition, 1994, 50, 287-297.	1.1	109
8	Phonetic segmentation in prereaders: Effect of corrective information. Journal of Experimental Child Psychology, 1986, 42, 49-72.	0.7	101
9	Boundaries of Separability between Melody and Rhythm in Music Discrimination: A Neuropsychological Perspective. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1993, 46, 301-325.	2.3	100
10	Timing the impact of literacy on visual processing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5233-42.	3.3	82
11	Finding Parts within Figures: A Developmental Study. Perception, 1987, 16, 399-407.	0.5	79
12	Literacy breaks mirror invariance for visual stimuli: A behavioral study with adult illiterates Journal of Experimental Psychology: General, 2014, 143, 887-894.	1.5	72
13	Enantiomorphy through the looking glass: Literacy effects on mirror-image discrimination Journal of Experimental Psychology: General, 2011, 140, 210-238.	1.5	69
14	Categorical perception of speech sounds in illiterate adults. Cognition, 2005, 98, B35-B44.	1.1	62
15	The locus of the orthographic consistency effect in auditory word recognition: Further evidence from French. Language and Cognitive Processes, 2007, 22, 700-726.	2.3	62
16	Does learning to read shape verbal working memory?. Psychonomic Bulletin and Review, 2016, 23, 703-722.	1.4	60
17	Visual Separability: A Study on Unschooled Adults. Perception, 1994, 23, 471-486.	0.5	55
18	The development of the orthographic consistency effect in speech recognition: From sublexical to lexical involvement. Cognition, 2007, 105, 547-576.	1.1	53

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19	The Effects of Literacy on the Recognition of Dichotic Words. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1987, 39, 451-465.	2.3	52
20	Awareness of words as phonological entities: The role of literacy. Applied Psycholinguistics, 1987, 8, 223-232.	0.8	49
21	Processing interactions between phonology and melody: Vowels sing but consonants speak. Cognition, 2009, 112, 1-20.	1.1	48
22	Is there a critical period for the acquisition of segmental analysis?. Cognitive Neuropsychology, 1988, 5, 347-352.	0.4	47
23	Literacy acquisition reduces the influence of automatic holistic processing of faces and houses. Neuroscience Letters, 2013, 554, 105-109.	1.0	44
24	The deficit of letter processing in developmental dyslexia: combining evidence from dyslexics, typical readers and illiterate adults. Developmental Science, 2014, 17, 125-141.	1.3	36
25	Attention-dependent changes of activation and connectivity in dichotic listening. NeuroImage, 2002, 17, 643-56.	2.1	34
26	Mental representations of the syllable internal structure are influenced by orthography. Language and Cognitive Processes, 2001, 16, 393-418.	2.3	33
27	Impact of literacy on the functional connectivity of vision and language related networks. NeuroImage, 2020, 213, 116722.	2.1	32
28	The fur of the crocodile and the mooing sheep: A study of a patient with a category-specific impairment for biological things. Cognitive Neuropsychology, 2002, 19, 301-342.	0.4	31
29	Statistical information and coarticulation as cues to word boundaries: A matter of signal quality. Perception & Psychophysics, 2007, 69, 856-864.	2.3	31
30	The metamorphosis of the statistical segmentation output: Lexicalization during artificial language learning. Cognition, 2009, 112, 349-366.	1.1	31
31	Lexical restructuring in the absence of literacy. Cognition, 2007, 105, 334-361.	1.1	30
32	Schooling in western culture promotes context-free processing. Journal of Experimental Child Psychology, 2008, 100, 79-88.	0.7	30
33	Into the Looking Glass: Literacy Acquisition and Mirror Invariance in Preschool and Firstâ€Grade Children. Child Development, 2016, 87, 2008-2025.	1.7	30
34	The developmental turnpoint of orthographic consistency effects in speech recognition. Journal of Experimental Child Psychology, 2008, 100, 135-145.	0.7	29
35	Emotional valence of spoken words influences the spatial orienting of attention. Acta Psychologica, 2010, 134, 264-278.	0.7	29
36	From hand to eye: The role of literacy, familiarity, graspability, and vision-for-action on enantiomorphy. Acta Psychologica, 2013, 142, 51-61.	0.7	28

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37	Unattentive speech processing is influenced by orthographic knowledge: Evidence from mismatch negativity. Brain and Language, 2014, 137, 103-111.	0.8	23
38	The culturally co-opted brain: how literacy affects the human mind. Language, Cognition and Neuroscience, 2018, 33, 275-277.	0.7	23
39	The orthographic consistency effect in the recognition of French spoken words: An early developmental shift from sublexical to lexical orthographic activation. Applied Psycholinguistics, 2009, 30, 441-462.	0.8	21
40	A cultural side effect: learning to read interferes with identity processing of familiar objects. Frontiers in Psychology, 2014, 5, 1224.	1.1	20
41	ls There a Relationship Between Speech Identification in Noise and Categorical Perception in Children With Dyslexia?. Journal of Speech, Language, and Hearing Research, 2016, 59, 835-852.	0.7	19
42	Informational masking of speech in dyslexic children. Journal of the Acoustical Society of America, 2015, 137, EL496-EL502.	0.5	18
43	How Early Does the Brain Distinguish between Regular Words, Irregular Words, and Pseudowords during the Reading Process? Evidence from Neurochronometric TMS. Journal of Cognitive Neuroscience, 2015, 27, 1259-1274.	1.1	18
44	The mental representation of living and nonliving things: Differential weighting and interactivity of sensorial and non-sensorial features. Memory, 2005, 13, 124-147.	0.9	17
45	Is Phonological Encoding in Naming Influenced by Literacy?. Journal of Psycholinguistic Research, 2007, 36, 341-360.	0.7	17
46	Early integration of vowel and pitch processing: A mismatch negativity study. Clinical Neurophysiology, 2010, 121, 533-541.	0.7	17
47	Peripheral and central contribution to the difficulty of speech in noise perception in dyslexic children. Developmental Science, 2018, 21, e12558.	1.3	17
48	The role of stress processing abilities in the development of bilingual reading. Journal of Research in Reading, 2006, 29, 349-362.	1.0	16
49	Auditory Word Serial Recall Benefits from Orthographic Dissimilarity. Language and Speech, 2010, 53, 321-341.	0.6	16
50	Biology and Culture in the Literate Mind. Brain and Cognition, 2000, 42, 47-49.	0.8	15
51	Orthographic Representations in Spoken Word Priming: No Early Automatic Activation. Language and Speech, 2007, 50, 505-531.	0.6	15
52	Long-lasting attentional influence of negative and taboo words in an auditory variant of the emotional Stroop task Emotion, 2011, 11, 29-37.	1.5	14
53	Levels of Processing in the Phonological Segmentation of Speech. Language and Cognitive Processes, 1997, 12, 871-876.	2.3	12
54	Naming in noise: the contribution of orthographic knowledge to speech repetition. Frontiers in Psychology, 2011, 2, 361.	1.1	12

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55	How formal education and literacy impact on the content and structure of semantic categories. Trends in Neuroscience and Education, 2014, 3, 106-121.	1.5	12
56	Paths to phonemic awareness in Japanese: Evidence from a training study. Applied Psycholinguistics, 2005, 26, 285-309.	0.8	11
57	The benefit of musical and linguistic expertise on language acquisition in sung material. Musicae Scientiae, 2013, 17, 217-228.	2.2	11
58	A aprendizagem da leitura e suas implicações sobre a memória e a cognição. Ilha Do Desterro, 2016, 69, 061.	0.0	11
59	The "Rowdy Classroom Problem―in Children with Dyslexia: A Review. Literacy Studies, 2018, , 183-211.	0.2	11
60	The development of separability in visual perception. Cognition, 1989, 33, 243-284.	1.1	10
61	Role and activation time course of phonological and orthographic information during phoneme judgments. Neuropsychologia, 2012, 50, 2897-2906.	0.7	10
62	Comorbidity and cognitive overlap between developmental dyslexia and congenital amusia in children. Neuropsychologia, 2021, 155, 107811.	0.7	10
63	Illusory conjunctions and the cerebral hemispheres. Perception & Psychophysics, 1993, 54, 604-616.	2.3	9
64	Integrated Preattentive Processing of Vowel and Pitch. Annals of the New York Academy of Sciences, 2009, 1169, 481-484.	1.8	9
65	Music and dyslexia. International Journal of Arts and Technology, 2010, 3, 177.	0.1	9
66	When a bang makes you run away: Spatial avoidance of threatening environmental sounds. Neuroscience Letters, 2013, 535, 78-83.	1.0	9
67	How does reading performance modulate the impact of orthographic knowledge on speech processing? A comparison of normal readers and dyslexic adults. Annals of Dyslexia, 2014, 64, 57-76.	1.2	9
68	The worries of wearing literate glasses. Annee Psychologique, 2019, Vol. 118, 321-347.	0.2	9
69	Evidence for Early Extraction of Emergent Properties in Visual Perception: A Replication. Perceptual and Motor Skills, 1986, 63, 171-174.	0.6	8
70	Disentangling fast and slow attentional influences of negative and taboo spoken words in the emotional Stroop paradigm. Cognition and Emotion, 2016, 30, 1137-1148.	1.2	8
71	Completely illiterate adults can learn to decode in 3Âmonths. Reading and Writing, 2018, 31, 649-677.	1.0	8
72	Explicit Speech-Segmentation Ability and Susceptibility to Phonological Similarity in Short-Term Retention: No Correlation. Perceptual and Motor Skills, 1986, 63, 81-82E.	0.6	7

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73	Cardiac reactivity and preserved performance under stress: Two sides of the same coin?. International Journal of Psychophysiology, 2014, 93, 30-37.	0.5	7
74	Blind readers break mirror invariance as sighted do. Cortex, 2018, 101, 154-162.	1.1	7
75	Braille readers break mirror invariance for both visual Braille and Latin letters. Cognition, 2019, 189, 55-59.	1.1	7
76	The influence of age, schooling, literacy, and socioeconomic status on serial-order memory. Journal of Cultural Cognitive Science, 2020, 4, 343-365.	0.5	7
77	Du lecteur compétent au lecteur débutantÂ: implications des recherches en psycholinguistique cognitive et en neuropsychologie pour l'enseignement de la lecture. Revue Des Sciences De L'©ducation, 2003, 29, 51-74.	0.2	6
78	Evaluating feature-category relations using semantic fluency tasks. Brain and Cognition, 2005, 58, 202-212.	0.8	6
79	Lace your mind: the impact of an extra-curricular activity on enantiomorphy. Journal of Cultural Cognitive Science, 2017, 1, 57-64.	0.5	6
80	The impact of alphabetic literacy on the perception of speech sounds. Cognition, 2021, 213, 104687.	1.1	6
81	We all are Rembrandt experts – or, How task dissociations in school learning effects support the discontinuity hypothesis. Behavioral and Brain Sciences, 1999, 22, 381-382.	0.4	5
82	Informational masking of complex tones in dyslexic children. Neuroscience Letters, 2015, 584, 71-76.	1.0	5
83	Seeing thought: a cultural cognitive tool. Journal of Cultural Cognitive Science, 2021, 5, 181-228.	0.5	5
84	Guest Editorial: Perceptual Organisation and Object Recognition—POOR is the Acronym, Rich the Notion. Perception, 1994, 23, 371-382.	0.5	4
85	Expertise and cognitive flexibility: a Musician's Tale. Journal of Cultural Cognitive Science, 2017, 1, 119-127.	0.5	4
86	Lack of habituation to shocking words: The attentional bias to their spatial origin is context free. Cognition and Emotion, 2012, 26, 1345-1358.	1.2	3
87	Syllable Effects in a Fragment-Detection Task in Italian Listeners. Frontiers in Psychology, 2012, 3, 140.	1.1	3
88	Multiple Functional Units in the Preattentive Segmentation of Speech in Japanese: Evidence from Word Illusions. Language and Speech, 2014, 57, 513-543.	0.6	3
89	The inference of affective meanings: an experimental study. Language and Cognition, 2015, 7, 351-370.	0.2	3
90	Isolating Informational Masking in Both Pure and Complex Tone Sequences. Ear and Hearing, 2015, 36, 330-337.	1.0	3

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91	Discriminating spoken words in French: the role of the syllable and the CV phonological skeleton. Language and Cognitive Processes, 2003, 18, 241-267.	2.3	2
92	O milagre da leitura: de sinais escritos a imagens imortais. DELTA Documentacao De Estudos Em Linguistica Teorica E Aplicada, 2016, 32, 919-951.	0.0	2
93	Reading by extracting invariant line junctions in typical and atypical young readers. Journal of Experimental Child Psychology, 2019, 183, 75-99.	0.7	2
94	How Learning to Read Influences Language and Cognition. , 2015, , .		2
95	One sound heard as two: The perception of affricates in Quebec French by Belgian French speakers. Clinical Linguistics and Phonetics, 2005, 3, 110-117.	0.3	1
96	Seeing thought in the future: literate forecasting and forecasting literacy. Journal of Cultural Cognitive Science, 2021, 5, 229-265.	0.5	1
97	Editorial: The impact of learning to read on visual processing. Frontiers in Psychology, 2015, 6, 985.	1.1	0
98	A literacia e seus desafios. Cadernos De LinguÃ s tica, 2021, 2, 01-35.	0.0	0