

# Milene L Bonte

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,667  
citations

218677

26  
h-index

254184

43  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal changes in cortical responses to letter-speech sound stimuli in 8–11 year-old children. <i>Npj Science of Learning</i> , 2022, 7, 2.	2.8	3
2	Altered brain network topology during speech tracking in developmental dyslexia. <i>NeuroImage</i> , 2022, 254, 119142.	4.2	2
3	Editorial: Capturing developmental brain dynamics. <i>Npj Science of Learning</i> , 2022, 7, .	2.8	0
4	Genome-wide association study reveals new insights into the heritability and genetic correlates of developmental dyslexia. <i>Molecular Psychiatry</i> , 2021, 26, 3004-3017.	7.9	56
5	Loudness and Intelligibility of Irrelevant Background Speech Differentially Hinder Children's Short Story Reading. <i>Mind, Brain, and Education</i> , 2021, 15, 77-87.	1.9	5
6	Cortical responses to letters and ambiguous speech vary with reading skills in dyslexic and typically reading children. <i>NeuroImage: Clinical</i> , 2021, 30, 102588.	2.7	8
7	No evidence for modulation of sound rise-time perception by 4-Hz brain oscillations. <i>Brain Stimulation</i> , 2021, 14, 364-365.	1.6	0
8	How to capture developmental brain dynamics: gaps and solutions. <i>Npj Science of Learning</i> , 2021, 6, 10.	2.8	8
9	Neurophysiological tracking of speech-structure learning in typical and dyslexic readers. <i>Neuropsychologia</i> , 2021, 158, 107889.	1.6	13
10	Neural correlates of error-monitoring and mindset: Back to the drawing board?. <i>PLoS ONE</i> , 2021, 16, e0254322.	2.5	1
11	How Learning to Read Changes the Listening Brain. <i>Frontiers in Psychology</i> , 2021, 12, 726882.	2.1	9
12	Brain activity patterns of phonemic representations are atypical in beginning readers with family risk for dyslexia. <i>Developmental Science</i> , 2020, 23, e12857.	2.4	36
13	ERP mismatch response to phonological and temporal regularities in speech. <i>Scientific Reports</i> , 2020, 10, 9917.	3.3	11
14	Reading-Induced Shifts in Speech Perception in Dyslexic and Typically Reading Children. <i>Frontiers in Psychology</i> , 2019, 10, 221.	2.1	5
15	Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. <i>Translational Psychiatry</i> , 2019, 9, 77.	4.8	82
16	Atypical White Matter Connectivity in Dyslexic Readers of a Fairly Transparent Orthography. <i>Frontiers in Psychology</i> , 2018, 9, 1147.	2.1	10
17	A Selective Deficit in Phonetic Recalibration by Text in Developmental Dyslexia. <i>Frontiers in Psychology</i> , 2018, 9, 710.	2.1	10
18	Altered patterns of directed connectivity within the reading network of dyslexic children and their relation to reading dysfluency. <i>Developmental Cognitive Neuroscience</i> , 2017, 23, 1-13.	4.0	31

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19	Reading-induced shifts of perceptual speech representations in auditory cortex. <i>Scientific Reports</i> , 2017, 7, 5143.	3.3	34
20	Contributions of Letter-Speech Sound Learning and Visual Print Tuning to Reading Improvement: Evidence from Brain Potential and Dyslexia Training Studies. <i>Brain Sciences</i> , 2017, 7, 10.	2.3	25
21	Phonetic recalibration of speech by text. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 938-945.	1.3	22
22	Developmental refinement of cortical systems for speech and voice processing. <i>NeuroImage</i> , 2016, 128, 373-384.	4.2	15
23	Crossmodal deficit in dyslexic children: practice affects the neural timing of letter-speech sound integration. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 369.	2.0	26
24	A Randomized Controlled Trial on The Beneficial Effects of Training Letter-Speech Sound Integration on Reading Fluency in Children with Dyslexia. <i>PLoS ONE</i> , 2015, 10, e0143914.	2.5	36
25	EEG decoding of spoken words in bilingual listeners: from words to language invariant semantic-conceptual representations. <i>Frontiers in Psychology</i> , 2015, 6, 71.	2.1	116
26	Decoding Articulatory Features from fMRI Responses in Dorsal Speech Regions. <i>Journal of Neuroscience</i> , 2015, 35, 15015-15025.	3.6	83
27	Functional MRI of the Auditory Cortex. <i>Biological Magnetic Resonance</i> , 2015, , 473-507.	0.4	0
28	Reduced Neural Integration of Letters and Speech Sounds in Dyslexic Children Scales with Individual Differences in Reading Fluency. <i>PLoS ONE</i> , 2014, 9, e110337.	2.5	65
29	Brain-potential analysis of visual word recognition in dyslexics and typically reading children. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 474.	2.0	41
30	Task-Dependent Decoding of Speaker and Vowel Identity from Auditory Cortical Response Patterns. <i>Journal of Neuroscience</i> , 2014, 34, 4548-4557.	3.6	92
31	Brain-Based Translation: fMRI Decoding of Spoken Words in Bilinguals Reveals Language-Independent Semantic Representations in Anterior Temporal Lobe. <i>Journal of Neuroscience</i> , 2014, 34, 332-338.	3.6	85
32	Development from childhood to adulthood increases morphological and functional inter-individual variability in the right superior temporal cortex. <i>NeuroImage</i> , 2013, 83, 739-750.	4.2	40
33	Parametric Merging of MEG and fMRI Reveals Spatiotemporal Differences in Cortical Processing of Spoken Words and Environmental Sounds in Background Noise. <i>Cerebral Cortex</i> , 2012, 22, 132-143.	2.9	14
34	Pattern analysis of EEG responses to speech and voice: Influence of feature grouping. <i>NeuroImage</i> , 2012, 59, 3641-3651.	4.2	31
35	Fighting food temptations: The modulating effects of short-term cognitive reappraisal, suppression and up-regulation on mesocorticolimbic activity related to appetitive motivation. <i>NeuroImage</i> , 2012, 60, 213-220.	4.2	130
36	Dynamic and Task-Dependent Encoding of Speech and Voice by Phase Reorganization of Cortical Oscillations. <i>Journal of Neuroscience</i> , 2009, 29, 1699-1706.	3.6	43

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37	The Long Road to Automation: Neurocognitive Development of Letter-Speech Sound Processing. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 567-580.	2.3	138
38	Hunger is the best spice: An fMRI study of the effects of attention, hunger and calorie content on food reward processing in the amygdala and orbitofrontal cortex. <i>Behavioural Brain Research</i> , 2009, 198, 149-158.	2.2	313
39	Hearing Illusory Sounds in Noise: The Timing of Sensory-Perceptual Transformations in Auditory Cortex. <i>Neuron</i> , 2009, 64, 550-561.	8.1	72
40	Cross-modal enhancement of the MMN to speech-sounds indicates early and automatic integration of letters and speech-sounds. <i>Neuroscience Letters</i> , 2008, 430, 23-28.	2.1	101
41	"Who" Is Saying "What"? Brain-Based Decoding of Human Voice and Speech. <i>Science</i> , 2008, 322, 970-973.	12.6	501
42	Deviant neurophysiological responses to phonological regularities in speech in dyslexic children. <i>Neuropsychologia</i> , 2007, 45, 1427-1437.	1.6	76
43	Time Course of Top-down and Bottom-up Influences on Syllable Processing in the Auditory Cortex. <i>Cerebral Cortex</i> , 2006, 16, 115-123.	2.9	66
44	Auditory cortical tuning to statistical regularities in phonology. <i>Clinical Neurophysiology</i> , 2005, 116, 2765-2774.	1.5	87
45	Developmental dyslexia: ERP correlates of anomalous phonological processing during spoken word recognition. <i>Cognitive Brain Research</i> , 2004, 21, 360-376.	3.0	82
46	Developmental changes in ERP correlates of spoken word recognition during early school years: a phonological priming study. <i>Clinical Neurophysiology</i> , 2004, 115, 409-423.	1.5	42