ClÃ©ment FranÃ§ois

List of Publications by Year
in descending order

31 papers	1,312 citations	471509 17 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1138 citing authors

#	Article	IF	Citations
1	Music Training for the Development of Speech Segmentation. Cerebral Cortex, 2013, 23, 2038-2043.	2.9	221
2	Twelve Months of Active Musical Training in 8- to 10-Year-Old Children Enhances the Preattentive Processing of Syllabic Duration and Voice Onset Time. Cerebral Cortex, 2014, 24, 956-967.	2.9	189
3	Musical Expertise Boosts Implicit Learning of Both Musical and Linguistic Structures. Cerebral Cortex, 2011, 21, 2357-2365.	2.9	121
4	Structural neuroplasticity in expert pianists depends on the age of musical training onset. NeuroImage, 2016, 126, 106-119.	4.2	109
5	Enhanced Passive and Active Processing of Syllables in Musician Children. Journal of Cognitive Neuroscience, 2011, 23, 3874-3887.	2.3	95
6	Musical Expertise and Statistical Learning of Musical and Linguistic Structures. Frontiers in Psychology, 2011, 2, 167.	2.1	64
7	Musical training as an alternative and effective method for neuro-education and neuro-rehabilitation. Frontiers in Psychology, 2015, 6, 475.	2.1	47
8	White-matter pathways and semantic processing: intrasurgical and lesion-symptom mapping evidence. NeuroImage: Clinical, 2019, 22, 101704.	2.7	42
9	Deficit in the preattentive processing of syllabic duration and VOT in children with dyslexia. Neuropsychologia, 2012, 50, 2044-2055.	1.6	41
10	Neural sensitivity to statistical regularities as a fundamental biological process that underlies auditory learning: The role of musical practice. Hearing Research, 2014, 308, 122-128.	2.0	36
11	Neurophysiological evidence for the interplay of speech segmentation and word-referent mapping during novel word learning. Neuropsychologia, 2017, 98, 56-67.	1.6	36
12	Faster Sound Stream Segmentation in Musicians than in Nonmusicians. PLoS ONE, 2014, 9, e101340.	2.5	32
13	Learning of musical and linguistic structures: comparing event-related potentials and behavior. NeuroReport, 2010, 21, 928-932.	1.2	29
14	Enhanced Neonatal Brain Responses To Sung Streams Predict Vocabulary Outcomes By Age 18 Months. Scientific Reports, 2017, 7, 12451.	3.3	26
15	Language learning and brain reorganization in a 3.5-year-old child with left perinatal stroke revealed using structural and functional connectivity. Cortex, 2016, 77, 95-118.	2.4	25
16	White-matter structural connectivity predicts short-term melody and rhythm learning in non-musicians. NeuroImage, 2018, 181, 252-262.	4.2	24
17	Music Training Positively Influences the Preattentive Perception of Voice Onset Time in Children with Dyslexia: A Longitudinal Study. Brain Sciences, 2019, 9, 91.	2.3	22
18	Right Structural and Functional Reorganization in Four-Year-Old Children with Perinatal Arterial Ischemic Stroke Predict Language Production. ENeuro, 2019, 6, ENEURO.0447-18.2019.	1.9	19

#	ARTICLE	IF	CITATIONS
19	Metrical Presentation Boosts Implicit Learning of Artificial Grammar. PLoS ONE, 2014, 9, e112233.	2.5	18
20	Behavioral and electrophysiological investigation of speech perception deficits in silence, noise and envelope conditions in developmental dyslexia. Neuropsychologia, 2019, 130, 3-12.	1.6	17
21	Cognitive and methodological considerations on the effects of musical expertise on speech segmentation. Annals of the New York Academy of Sciences, 2012, 1252, 108-115.	3.8	15
22	Arcuate fasciculus architecture is associated with individual differences in pre-attentive detection of unpredicted music changes. NeuroImage, 2021, 229, 117759.	4.2	14
23	Tracking the microstructural properties of the main white matter pathways underlying speech processing in simultaneous interpreters. NeuroImage, 2019, 191, 518-528.	4.2	12
24	Signatures of brain plasticity supporting language recovery after perinatal arterial ischemic stroke. Brain and Language, 2021, 212, 104880.	1.6	12
25	Theta Coherence Asymmetry in the Dorsal Stream of Musicians Facilitates Word Learning. Scientific Reports, 2018, 8, 4565.	3.3	9
26	Attenuated brain responses to speech sounds in moderate preterm infants at term age. Developmental Science, 2021, 24, e12990.	2.4	9
27	Hippocampal and auditory contributions to speech segmentation. Cortex, 2022, 150, 1-11.	2.4	8
28	Auditory Target and Novelty Processing in Patients with Unilateral Hippocampal Sclerosis: A Current-Source Density Study. Scientific Reports, 2017, 7, 1612.	3.3	7
29	ChapterÂ5. The role of prosody in early speech segmentation and word-referent mapping. Trends in Language Acquisition Research, 0, , 79-100.	0.3	5
30	Oscillatory activity and EEG phase synchrony of concurrent word segmentation and meaning-mapping in 9-year-old children. Developmental Cognitive Neuroscience, 2021, 51, 101010.	4.0	4
31	The interplay between domain-general and domain-specific mechanisms during the time-course of verbal associative learning: An event-related potential study. NeuroImage, 2021, 242, 118443.	4.2	4