

Jacques Mehler

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

14,124
citations

44042

48
h-index

71651

76
g-index

84
all docs

84
docs citations

84
times ranked

5461
citing authors

#	ARTICLE	IF	CITATIONS
1	A precursor of language acquisition in young infants. <i>Cognition</i> , 1988, 29, 143-178.	1.1	1,279
2	Correlates of linguistic rhythm in the speech signal. <i>Cognition</i> , 1999, 73, 265-292.	1.1	878
3	Sounds and silence: An optical topography study of language recognition at birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11702-11705.	3.3	644
4	Is numerical comparison digital? Analogical and symbolic effects in two-digit number comparison.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 626-641.	0.7	595
5	Language discrimination by newborns: Toward an understanding of the role of rhythm.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1998, 24, 756-766.	0.7	550
6	The syllable's differing role in the segmentation of French and English. <i>Journal of Memory and Language</i> , 1986, 25, 385-400.	1.1	524
7	Anatomical variability in the cortical representation of first and second language. <i>NeuroReport</i> , 1997, 8, 3809-3815.	0.6	524
8	Cognitive gains in 7-month-old bilingual infants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6556-6560.	3.3	491
9	Language Discrimination by Human Newborns and by Cotton-Top Tamarin Monkeys. <i>Science</i> , 2000, 288, 349-351.	6.0	434
10	The syllable's role in speech segmentation. <i>Journal of Verbal Learning and Verbal Behavior</i> , 1981, 20, 298-305.	3.8	427
11	Cross-linguistic regularities in the frequency of number words. <i>Cognition</i> , 1992, 43, 1-29.	1.1	400
12	The neonate brain detects speech structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14222-14227.	3.3	380
13	Signal-Driven Computations in Speech Processing. <i>Science</i> , 2002, 298, 604-607.	6.0	373
14	Brain processing of native and foreign languages. <i>NeuroReport</i> , 1996, 7, 2439-2444.	0.6	359
15	A Destressing "Deafness" in French?. <i>Journal of Memory and Language</i> , 1997, 36, 406-421.	1.1	332
16	Near-infrared spectroscopy: A report from the McDonnell infant methodology consortium. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 22-46.	1.9	307
17	The monolingual nature of speech segmentation by bilinguals. <i>Cognitive Psychology</i> , 1992, 24, 381-410.	0.9	266
18	Infant Recognition of Mother's Voice. <i>Perception</i> , 1978, 7, 491-497.	0.5	255

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19	Flexible Learning of Multiple Speech Structures in Bilingual Infants. <i>Science</i> , 2009, 325, 611-612.	6.0	248
20	How do 4-day-old infants categorize multisyllabic utterances?. <i>Developmental Psychology</i> , 1993, 29, 711-721.	1.2	227
21	Linguistic Constraints on Statistical Computations. <i>Psychological Science</i> , 2005, 16, 451-459.	1.8	224
22	Some effects of grammatical transformations on the recall of english sentences. <i>Journal of Verbal Learning and Verbal Behavior</i> , 1963, 2, 346-351.	3.8	219
23	Language identification with suprasegmental cues: A study based on speech resynthesis. <i>Journal of the Acoustical Society of America</i> , 1999, 105, 512-521.	0.5	208
24	Speech Perception and Language Acquisition in the First Year of Life. <i>Annual Review of Psychology</i> , 2010, 61, 191-218.	9.9	167
25	Phoneme identification and the lexicon. <i>Cognitive Psychology</i> , 1987, 19, 141-177.	0.9	166
26	Do infants perceive word boundaries? An empirical study of the bootstrapping of lexical acquisition. <i>Journal of the Acoustical Society of America</i> , 1994, 95, 1570-1580.	0.5	161
27	Discrimination in neonates of very short CVs. <i>Journal of the Acoustical Society of America</i> , 1987, 82, 31-37.	0.5	159
28	An investigation of young infants' perceptual representations of speech sounds.. <i>Journal of Experimental Psychology: General</i> , 1988, 117, 21-33.	1.5	153
29	Limits on bilingualism. <i>Nature</i> , 1989, 340, 229-230.	13.7	148
30	An interaction between prosody and statistics in the segmentation of fluent speech. <i>Cognitive Psychology</i> , 2007, 54, 1-32.	0.9	145
31	The Human First Hypothesis: Identification of Conspecifics and Individuation of Objects in the Young Infant. <i>Cognitive Psychology</i> , 2002, 44, 388-426.	0.9	143
32	Syllables as units in infant speech perception. , 1981, 4, 247-260.		141
33	The periodicity bias. <i>Journal of Phonetics</i> , 1993, 21, 103-108.	0.6	140
34	A language-specific comprehension strategy. <i>Nature</i> , 1983, 304, 159-160.	13.7	135
35	Language acquisition in premature and full-term infants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3823-3828.	3.3	135
36	Finding Words and Rules in a Speech Stream. <i>Psychological Science</i> , 2008, 19, 137-144.	1.8	133

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37	Perceptual and memory constraints on language acquisition. <i>Trends in Cognitive Sciences</i> , 2009, 13, 348-353.	4.0	128
38	Dichotic perception and laterality in neonates. <i>Brain and Language</i> , 1989, 37, 591-605.	0.8	121
39	Perceptual adjustment to time-compressed speech: A cross-linguistic study. <i>Memory and Cognition</i> , 1998, 26, 844-851.	0.9	98
40	The Role of Saliency in the Extraction of Algebraic Rules.. <i>Journal of Experimental Psychology: General</i> , 2005, 134, 406-419.	1.5	95
41	The surprising power of statistical learning: When fragment knowledge leads to false memories of unheard words. <i>Journal of Memory and Language</i> , 2009, 60, 351-367.	1.1	95
42	Consonants and vowels: different roles in early language acquisition. <i>Developmental Science</i> , 2011, 14, 1445-1458.	1.3	90
43	Language universals at birth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5837-5841.	3.3	82
44	Newborns' brain activity signals the origin of word memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17908-17913.	3.3	79
45	Click monitoring revisited: An on-line study of sentence comprehension. <i>Memory and Cognition</i> , 1996, 24, 94-102.	0.9	72
46	Morae and Syllables: Rhythmical Basis of Speech Representations in Neonates. <i>Language and Speech</i> , 1995, 38, 311-329.	0.6	65
47	Adaptation to time-compressed speech: Phonological determinants. <i>Perception & Psychophysics</i> , 2000, 62, 834-842.	2.3	63
48	The role of speech rhythm in language discrimination: further tests with a non-human primate. <i>Developmental Science</i> , 2005, 8, 26-35.	1.3	54
49	Syllabic segmentation and literacy. <i>Language and Cognitive Processes</i> , 1989, 4, 57-67.	2.3	53
50	The "Soul" of Language does not use Statistics: Reflections on Vowels and Consonants. <i>Cortex</i> , 2006, 42, 846-854.	1.1	51
51	Do Humans Really Learn $\langle i \rangle A \langle /i \rangle \langle \sup \rangle \langle i \rangle n \langle /i \rangle \langle /sup \rangle \langle i \rangle B \langle /i \rangle \langle \sup \rangle \langle i \rangle n \langle /i \rangle \langle /sup \rangle$ Artificial Grammars From Exemplars?. <i>Cognitive Science</i> , 2008, 32, 1021-1036.	0.8	47
52	On Consonants, Vowels, Chickens, and Eggs. <i>Psychological Science</i> , 2007, 18, 924-925.	1.8	45
53	Newborns are sensitive to multiple cues for word segmentation in continuous speech. <i>Developmental Science</i> , 2019, 22, e12802.	1.3	45
54	Correlates of linguistic rhythm in the speech signal. <i>Cognition</i> , 2000, 75, AD3-AD30.	1.1	42

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55	On the edge of language acquisition: inherent constraints on encoding multisyllabic sequences in the neonate brain. <i>Developmental Science</i> , 2016, 19, 488-503.	1.3	42
56	Monitoring the lexicon with normal and compressed speech: Frequency effects and the prelexical code. <i>Journal of Memory and Language</i> , 1990, 29, 316-335.	1.1	40
57	Primitive computations in speech processing. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 2187-2209.	0.6	40
58	Understanding Compressed Sentences: The Role of Rhythm and Meaning. <i>Annals of the New York Academy of Sciences</i> , 1993, 682, 272-282.	1.8	38
59	Memory in the Neonate Brain. <i>PLoS ONE</i> , 2011, 6, e27497.	1.1	38
60	Rhythm in language acquisition. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 81, 158-166.	2.9	34
61	Language-specific listening. <i>Trends in Cognitive Sciences</i> , 1997, 1, 129-132.	4.0	30
62	Perceptual constraints in phonotactic learning.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 235-250.	0.7	30
63	Do weak syllables count for newborns?. <i>Journal of the Acoustical Society of America</i> , 1997, 102, 3735-3741.	0.5	28
64	The word segmentation process as revealed by click detection. <i>Language and Cognitive Processes</i> , 2011, 26, 212-223.	2.3	28
65	Bias for Vocalic Over Consonantal Information in 6-month-olds. <i>Infancy</i> , 2018, 23, 136-151.	0.9	26
66	Right on in sign language. <i>Nature</i> , 1998, 392, 233-234.	13.7	23
67	Studying Neonates'™ Language and Memory Capacities with Functional Near-Infrared Spectroscopy. <i>Frontiers in Psychology</i> , 2011, 2, 64.	1.1	22
68	Word frequency cues word order in adults: cross-linguistic evidence. <i>Frontiers in Psychology</i> , 2013, 4, 689.	1.1	21
69	Can you see what I am talking about? Human speech triggers referential expectation in four-month-old infants. <i>Scientific Reports</i> , 2015, 5, 13594.	1.6	20
70	Infants'™ Selectively Pay Attention to the Information They Receive from a Native Speaker of Their Language. <i>Frontiers in Psychology</i> , 2016, 7, 1150.	1.1	20
71	Signed and Spoken Language: A Unique Underlying System?. <i>Language and Speech</i> , 1999, 42, 333-346.	0.6	16
72	How to hit scylla without avoiding charybdis: Comment on Perruchet, Tyler, Galland, and Peereman (2004).. <i>Journal of Experimental Psychology: General</i> , 2006, 135, 314-321.	1.5	8

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73	What Infants Know and What They have to Learn about Language. <i>European Review</i> , 2008, 16, 429-444.	0.4	7
74	An Advantage for Perceptual Edges in Young Infants's Memory for Speech. <i>Language Learning</i> , 2016, 66, 13-28.	1.4	6
75	La connaissance avant l'apprentissage. , 1983, , 129-156.		6
76	Why is language unique to humans?. , 0, , 206-236.		5
77	Neural Signal to Violations of Abstract Rules Using Speech-Like Stimuli. <i>ENeuro</i> , 2019, 6, ENEURO.0128-19.2019.	0.9	5
78	Why is Language Unique to Humans?. <i>Novartis Foundation Symposium</i> , 0, , 251-284.	1.2	4
79	English and French Speech Processing: Some Psycholinguistic Investigations. , 1987, , 405-418.		3
80	Linguistic constraints on statistical learning in early language acquisition. , 2011, , 171-202.		0
81	Language acquisition and the neuroscience of development. , 2015, , 195-210.		0