

Jeffrey L Elman

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

18,001
citations

57758

44
h-index

74163

75
g-index

93
all docs

93
docs citations

93
times ranked

9370
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding Structure in Time. <i>Cognitive Science</i> , 1990, 14, 179-211.	1.7	6,281
2	The TRACE model of speech perception. <i>Cognitive Psychology</i> , 1986, 18, 1-86.	2.2	2,572
3	Learning and development in neural networks: the importance of starting small. <i>Cognition</i> , 1993, 48, 71-99.	2.2	1,663
4	Distributed representations, simple recurrent networks, and grammatical structure. <i>Machine Learning</i> , 1991, 7, 195-225.	5.4	949
5	Frequency of basic English grammatical structures: A corpus analysis. <i>Journal of Memory and Language</i> , 2007, 57, 348-379.	2.1	318
6	Knowing a lot for one's age: Vocabulary skill and not age is associated with anticipatory incremental sentence interpretation in children and adults. <i>Journal of Experimental Child Psychology</i> , 2012, 112, 417-436.	1.4	292
7	On the Meaning of Words and Dinosaur Bones: Lexical Knowledge Without a Lexicon. <i>Cognitive Science</i> , 2009, 33, 547-582.	1.7	288
8	Cognitive penetration of the mechanisms of perception: Compensation for coarticulation of lexically restored phonemes. <i>Journal of Memory and Language</i> , 1988, 27, 143-165.	2.1	284
9	Distributed Representations, Simple Recurrent Networks, And Grammatical Structure. <i>Machine Learning</i> , 1991, 7, 195-225.	5.4	268
10	Learning and morphological change. <i>Cognition</i> , 1995, 56, 61-98.	2.2	264
11	Coherence and Coreference Revisited. <i>Journal of Semantics</i> , 2007, 25, 1-44.	1.5	250
12	Learning and Evolution in Neural Networks. <i>Adaptive Behavior</i> , 1994, 3, 5-28.	1.9	233
13	An alternative view of the mental lexicon. <i>Trends in Cognitive Sciences</i> , 2004, 8, 301-306.	7.8	233
14	Default generalisation in connectionist networks. <i>Language and Cognitive Processes</i> , 1995, 10, 601-630.	2.2	219
15	Learning the hidden structure of speech. <i>Journal of the Acoustical Society of America</i> , 1988, 83, 1615-1626.	1.1	194
16	Connectionist models of cognitive development: where next?. <i>Trends in Cognitive Sciences</i> , 2005, 9, 111-117.	7.8	188
17	Effects of frequency-shifted feedback on the pitch of vocal productions. <i>Journal of the Acoustical Society of America</i> , 1981, 70, 45-50.	1.1	180
18	A Recurrent Neural Network that Learns to Count. <i>Connection Science</i> , 1999, 11, 5-40.	3.0	178

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19	Learning Rediscovered. <i>Science</i> , 1996, 274, 1849-1850.	12.6	167
20	A basis for generating expectancies for verbs from nouns. <i>Memory and Cognition</i> , 2005, 33, 1174-1184.	1.6	160
21	Sense and structure: Meaning as a determinant of verb subcategorization preferences. <i>Journal of Memory and Language</i> , 2003, 48, 281-303.	2.1	136
22	Generalized event knowledge activation during online sentence comprehension. <i>Journal of Memory and Language</i> , 2012, 66, 545-567.	2.1	135
23	Learning to use words: Event-related potentials index single-shot contextual word learning. <i>Cognition</i> , 2010, 116, 289-296.	2.2	118
24	Once is Enough: N400 Indexes Semantic Integration of Novel Word Meanings from a Single Exposure in Context. <i>Language Learning and Development</i> , 2012, 8, 278-302.	1.4	116
25	Growth-related neural reorganization and the autism phenotype: a test of the hypothesis that altered brain growth leads to altered connectivity. <i>Developmental Science</i> , 2008, 11, 135-155.	2.4	115
26	Perceptual switching in bilinguals. <i>Journal of the Acoustical Society of America</i> , 1977, 62, 971-974.	1.1	113
27	Effects of event knowledge in processing verbal arguments. <i>Journal of Memory and Language</i> , 2010, 63, 489-505.	2.1	111
28	Selective effect of Apo e4 on CA3 and dentate in normal aging and Alzheimer's disease using high resolution MRI at 4T. <i>NeuroImage</i> , 2008, 42, 42-48.	4.2	107
29	Development: it's about time. <i>Developmental Science</i> , 2003, 6, 430-433.	2.4	105
30	A novel integrated MEG and EEG analysis method for dipolar sources. <i>NeuroImage</i> , 2007, 37, 731-748.	4.2	100
31	Lexical leverage: category knowledge boosts real-time novel word recognition in 2-year-olds. <i>Developmental Science</i> , 2016, 19, 918-932.	2.4	97
32	Event-based plausibility immediately influences on-line language comprehension.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2011, 37, 913-934.	0.9	93
33	Language input and semantic categories: a relation between cognition and early word learning. <i>Journal of Child Language</i> , 2006, 33, 759-790.	1.2	90
34	Why is that? Structural prediction and ambiguity resolution in a very large corpus of English sentences. <i>Cognition</i> , 2006, 98, 245-272.	2.2	82
35	Admitting that admitting verb sense into corpus analyses makes sense. <i>Language and Cognitive Processes</i> , 2004, 19, 181-224.	2.2	73
36	Contrast effects on stop consonant identification.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1978, 4, 599-609.	0.9	73

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37	Contrast effects on stop consonant identification.. Journal of Experimental Psychology: Human Perception and Performance, 1978, 4, 599-609.	0.9	72
38	Connectionism and Developmental Psychology. Journal of Child Psychology and Psychiatry and Allied Disciplines, 1997, 38, 53-80.	5.2	71
39	Networks are not "hidden rules"™. Trends in Cognitive Sciences, 1999, 3, 288-289.	7.8	67
40	Lexical knowledge without a lexicon?. Mental Lexicon, 2011, 6, 1-33.	0.5	55
41	Spatiotemporal dynamics of bilingual word processing. NeuroImage, 2010, 49, 3286-3294.	4.2	52
42	Spatiotemporal Neural Dynamics of Word Understanding in 12- to 18-Month-Old-Infants. Cerebral Cortex, 2011, 21, 1832-1839.	2.9	51
43	Speech Perception as a Cognitive Process: The Interactive Activation Model. Speech and Language: Advances in Basic Research and Practice, 1984, , 337-374.	0.1	48
44	Language Proficiency Modulates the Recruitment of Non-Classical Language Areas in Bilinguals. PLoS ONE, 2011, 6, e18240.	2.5	47
45	Semantic Structure in Vocabulary Knowledge Interacts With Lexical and Sentence Processing in Infancy. Child Development, 2016, 87, 1893-1908.	3.0	47
46	Evidence of neurodegeneration in brains of older adults who do not yet fulfill MCI criteria. Neurobiology of Aging, 2010, 31, 368-377.	3.1	46
47	The Wind Chilled the Spectators, but the Wine Just Chilled: Sense, Structure, and Sentence Comprehension. Cognitive Science, 2009, 33, 610-628.	1.7	36
48	A model of event knowledge.. Psychological Review, 2019, 126, 252-291.	3.8	36
49	Novel word learning: An eye-tracking study. Are 18-month-old late talkers really different from their typical peers?. Journal of Communication Disorders, 2015, 58, 143-157.	1.5	35
50	Independence of Early Speech Processing from Word Meaning. Cerebral Cortex, 2013, 23, 2370-2379.	2.9	34
51	Lexical activation during sentence comprehension in adolescents with history of Specific Language Impairment. Journal of Communication Disorders, 2013, 46, 413-427.	1.5	34
52	Large-scale Modeling of Wordform Learning and Representation. Cognitive Science, 2008, 32, 741-754.	1.7	33
53	Perceptual origins of the phoneme boundary effect and selective adaptation to speech: A signal detection theory analysis. Journal of the Acoustical Society of America, 1979, 65, 190-207.	1.1	32
54	Getting it right: Word learning across the hemispheres. Neuropsychologia, 2013, 51, 825-837.	1.6	29

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55	A Connectionist Simulation of the Empirical Acquisition of Grammatical Relations. Lecture Notes in Computer Science, 2000, , 175-193.	1.3	23
56	Lateral asymmetries for the identification of concrete and abstract Kanji. Neuropsychologia, 1981, 19, 407-412.	1.6	22
57	Real-time interpretation of novel events across childhood. Journal of Memory and Language, 2014, 73, 1-14.	2.1	21
58	Hemispheric asymmetry in event knowledge activation during incremental language comprehension: A visual half-field ERP study. Neuropsychologia, 2016, 84, 252-271.	1.6	18
59	What Does It Mean to Claim that Something Is 'Innate'? Response to Clark, Harris, Lightfoot and Samuels. Mind and Language, 1998, 13, 588-597.	2.3	17
60	Age-related Changes in Tissue Signal Properties Within Cortical Areas Important for Word Understanding in 12- to 19-Month-Old Infants. Cerebral Cortex, 2014, 24, 1948-1955.	2.9	16
61	Asymmetries for the categorization of kanji nouns, adjectives, and verbs presented to the left and right visual fields. Brain and Language, 1981, 13, 290-300.	1.6	15
62	Interference between phonemes during monitoring: Evidence for an interactive activation model of speech perception.. Journal of Experimental Psychology: Human Perception and Performance, 1985, 11, 475-489.	0.9	15
63	Prediction-Based Learning and Processing of Event Knowledge. Topics in Cognitive Science, 2021, 13, 206-223.	1.9	14
64	The shape bias: an important piece in a bigger puzzle. Developmental Science, 2008, 11, 219-222.	2.4	11
65	Interference between phonemes during monitoring: Evidence for an interactive activation model of speech perception.. Journal of Experimental Psychology: Human Perception and Performance, 1985, 11, 475-489.	0.9	11
66	Distributed Representations, Simple Recurrent Networks, and Grammatical Structure. , 1991, , 91-121.		8
67	Finnish Nominal Inflection. Studies in Language Companion Series, 1994, , 445.	0.4	8
68	Connectionism and the Study of Change. , 0, , 420-440.		7
69	Sequence Encoders Enable Large-Scale Lexical Modeling: Reply to Bowers and Davis (2009). Cognitive Science, 2009, 33, 1187-1191.	1.7	4
70	Toddlers' Ability to Leverage Statistical Information to Support Word Learning. Frontiers in Psychology, 2021, 12, 600694.	2.1	2
71	Oral vs. Manual Tapping with Delayed Auditory Feedback as Measures of Cerebral Dominance. Journal of Speech, Language, and Hearing Research, 1983, 26, 106-110.	1.6	2
72	Intonation-contingent adaptation to speech. Perception & Psychophysics, 1980, 27, 258-262.	2.3	1

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73	Constraints on the construction of cognition. Behavioral and Brain Sciences, 1997, 20, 569-570.	0.7	1
74	Understanding the modelling endeavour. Journal of Child Language, 1999, 26, 217-260.	1.2	1
75	Sinistral insight and dextral dominance. Trends in Neurosciences, 1980, 3, XXIV-XXV.	8.6	0
76	Elizabeth Bates: a scientific obituary. Developmental Science, 2004, 7, iii-iv.	2.4	0
77	A New Psychophysics. PsycCritiques, 1984, 29, 12-13.	0.0	0
78	Approaches to Speech. PsycCritiques, 1982, 27, 316-317.	0.0	0