

Jeffrey L Elman

List of Publications by Year in descending order

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78
papers

18,001
citations

57758

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74163

75
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93
all docs

93
docs citations

93
times ranked

9370
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction-Based Learning and Processing of Event Knowledge. <i>Topics in Cognitive Science</i> , 2021, 13, 206-223.	1.9	14
2	Toddlers's Ability to Leverage Statistical Information to Support Word Learning. <i>Frontiers in Psychology</i> , 2021, 12, 600694.	2.1	2
3	A model of event knowledge.. <i>Psychological Review</i> , 2019, 126, 252-291.	3.8	36
4	Semantic Structure in Vocabulary Knowledge Interacts With Lexical and Sentence Processing in Infancy. <i>Child Development</i> , 2016, 87, 1893-1908.	3.0	47
5	Hemispheric asymmetry in event knowledge activation during incremental language comprehension: A visual half-field ERP study. <i>Neuropsychologia</i> , 2016, 84, 252-271.	1.6	18
6	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
7	Novel word learning: An eye-tracking study. Are 18-month-old late talkers really different from their typical peers?. <i>Journal of Communication Disorders</i> , 2015, 58, 143-157.	1.5	35
8	Age-related Changes in Tissue Signal Properties Within Cortical Areas Important for Word Understanding in 12- to 19-Month-Old Infants. <i>Cerebral Cortex</i> , 2014, 24, 1948-1955.	2.9	16
9	Real-time interpretation of novel events across childhood. <i>Journal of Memory and Language</i> , 2014, 73, 1-14.	2.1	21
10	Independence of Early Speech Processing from Word Meaning. <i>Cerebral Cortex</i> , 2013, 23, 2370-2379.	2.9	34
11	Lexical activation during sentence comprehension in adolescents with history of Specific Language Impairment. <i>Journal of Communication Disorders</i> , 2013, 46, 413-427.	1.5	34
12	Getting it right: Word learning across the hemispheres. <i>Neuropsychologia</i> , 2013, 51, 825-837.	1.6	29
13	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
14	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
15	Generalized event knowledge activation during online sentence comprehension. <i>Journal of Memory and Language</i> , 2012, 66, 545-567.	2.1	135
16	Language Proficiency Modulates the Recruitment of Non-Classical Language Areas in Bilinguals. <i>PLoS ONE</i> , 2011, 6, e18240.	2.5	47
17	Spatiotemporal Neural Dynamics of Word Understanding in 12- to 18-Month-Old-Infants. <i>Cerebral Cortex</i> , 2011, 21, 1832-1839.	2.9	51
18	Lexical knowledge without a lexicon?. <i>Mental Lexicon</i> , 2011, 6, 1-33.	0.5	55

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19	Event-based plausibility immediately influences on-line language comprehension.. Journal of Experimental Psychology: Learning Memory and Cognition, 2011, 37, 913-934.	0.9	93
20	Learning to use words: Event-related potentials index single-shot contextual word learning. Cognition, 2010, 116, 289-296.	2.2	118
21	Effects of event knowledge in processing verbal arguments. Journal of Memory and Language, 2010, 63, 489-505.	2.1	111
22	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
23	Spatiotemporal dynamics of bilingual word processing. NeuroImage, 2010, 49, 3286-3294.	4.2	52
24	On the Meaning of Words and Dinosaur Bones: Lexical Knowledge Without a Lexicon. Cognitive Science, 2009, 33, 547-582.	1.7	288
25	The Wind Chilled the Spectators, but the Wine Just Chilled: Sense, Structure, and Sentence Comprehension. Cognitive Science, 2009, 33, 610-628.	1.7	36
26	Sequence Encoders Enable Large-Scale Lexical Modeling: Reply to Bowers and Davis (2009). Cognitive Science, 2009, 33, 1187-1191.	1.7	4
27	Large-Scale Modeling of Wordform Learning and Representation. Cognitive Science, 2008, 32, 741-754.	1.7	33
28	Growth-related neural reorganization and the autism phenotype: a test of the hypothesis that altered brain growth leads to altered connectivity. Developmental Science, 2008, 11, 135-155.	2.4	115
29	The shape bias: an important piece in a bigger puzzle. Developmental Science, 2008, 11, 219-222.	2.4	11
30	Selective effect of Apo e4 on CA3 and dentate in normal aging and Alzheimer's disease using high resolution MRI at 4T. NeuroImage, 2008, 42, 42-48.	4.2	107
31	Coherence and Coreference Revisited. Journal of Semantics, 2007, 25, 1-44.	1.5	250
32	A novel integrated MEG and EEG analysis method for dipolar sources. NeuroImage, 2007, 37, 731-748.	4.2	100
33	Frequency of basic English grammatical structures: A corpus analysis. Journal of Memory and Language, 2007, 57, 348-379.	2.1	318
34	Why is that? Structural prediction and ambiguity resolution in a very large corpus of English sentences. Cognition, 2006, 98, 245-272.	2.2	82
35	Language input and semantic categories: a relation between cognition and early word learning. Journal of Child Language, 2006, 33, 759-790.	1.2	90
36	A basis for generating expectancies for verbs from nouns. Memory and Cognition, 2005, 33, 1174-1184.	1.6	160

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37	Connectionist models of cognitive development: where next?. Trends in Cognitive Sciences, 2005, 9, 111-117.	7.8	188
38	Admitting that admitting verb sense into corpus analyses makes sense. Language and Cognitive Processes, 2004, 19, 181-224.	2.2	73
39	Elizabeth Bates: a scientific obituary. Developmental Science, 2004, 7, iii-iv.	2.4	0
40	An alternative view of the mental lexicon. Trends in Cognitive Sciences, 2004, 8, 301-306.	7.8	233
41	Sense and structure: Meaning as a determinant of verb subcategorization preferences. Journal of Memory and Language, 2003, 48, 281-303.	2.1	136
42	Development: it's about time. Developmental Science, 2003, 6, 430-433.	2.4	105
43	A Connectionist Simulation of the Empirical Acquisition of Grammatical Relations. Lecture Notes in Computer Science, 2000, , 175-193.	1.3	23
44	Understanding the modelling endeavour. Journal of Child Language, 1999, 26, 217-260.	1.2	1
45	A Recurrent Neural Network that Learns to Count. Connection Science, 1999, 11, 5-40.	3.0	178
46	Networks are not "hidden rules". Trends in Cognitive Sciences, 1999, 3, 288-289.	7.8	67
47	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
48	Constraints on the construction of cognition. Behavioral and Brain Sciences, 1997, 20, 569-570.	0.7	1
49	Connectionism and Developmental Psychology. Journal of Child Psychology and Psychiatry and Allied Disciplines, 1997, 38, 53-80.	5.2	71
50	Learning Rediscovered. Science, 1996, 274, 1849-1850.	12.6	167
51	Default generalisation in connectionist networks. Language and Cognitive Processes, 1995, 10, 601-630.	2.2	219
52	Learning and morphological change. Cognition, 1995, 56, 61-98.	2.2	264
53	Learning and Evolution in Neural Networks. Adaptive Behavior, 1994, 3, 5-28.	1.9	233
54	Finnish Nominal Inflection. Studies in Language Companion Series, 1994, , 445.	0.4	8

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55	Learning and development in neural networks: the importance of starting small. <i>Cognition</i> , 1993, 48, 71-99.	2.2	1,663
56	Distributed representations, simple recurrent networks, and grammatical structure. <i>Machine Learning</i> , 1991, 7, 195-225.	5.4	949
57	Distributed Representations, Simple Recurrent Networks, And Grammatical Structure. <i>Machine Learning</i> , 1991, 7, 195-225.	5.4	268
58	Distributed Representations, Simple Recurrent Networks, and Grammatical Structure. , 1991, , 91-121.		8
59	Finding Structure in Time. <i>Cognitive Science</i> , 1990, 14, 179-211.	1.7	6,281
60	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
61	Learning the hidden structure of speech. <i>Journal of the Acoustical Society of America</i> , 1988, 83, 1615-1626.	1.1	194
62	The TRACE model of speech perception. <i>Cognitive Psychology</i> , 1986, 18, 1-86.	2.2	2,572
63	Interference between phonemes during monitoring: Evidence for an interactive activation model of speech perception.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1985, 11, 475-489.	0.9	15
64	Interference between phonemes during monitoring: Evidence for an interactive activation model of speech perception.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1985, 11, 475-489.	0.9	11
65	Speech Perception as a Cognitive Process: The Interactive Activation Model. <i>Speech and Language: Advances in Basic Research and Practice</i> , 1984, , 337-374.	0.1	48
66	A New Psychophysics. <i>PsycCritiques</i> , 1984, 29, 12-13.	0.0	0
67	Oral vs. Manual Tapping with Delayed Auditory Feedback as Measures of Cerebral Dominance. <i>Journal of Speech, Language, and Hearing Research</i> , 1983, 26, 106-110.	1.6	2
68	Approaches to Speech. <i>PsycCritiques</i> , 1982, 27, 316-317.	0.0	0
69	Asymmetries for the categorization of kanji nouns, adjectives, and verbs presented to the left and right visual fields. <i>Brain and Language</i> , 1981, 13, 290-300.	1.6	15
70	Lateral asymmetries for the identification of concrete and abstract Kanji. <i>Neuropsychologia</i> , 1981, 19, 407-412.	1.6	22
71	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
72	Intonation-contingent adaptation to speech. <i>Perception & Psychophysics</i> , 1980, 27, 258-262.	2.3	1

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73	Sinistral insight and dextral dominance. Trends in Neurosciences, 1980, 3, XXIV-XXV.	8.6	0
74	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
75	Contrast effects on stop consonant identification.. Journal of Experimental Psychology: Human Perception and Performance, 1978, 4, 599-609.	0.9	72
76	Contrast effects on stop consonant identification.. Journal of Experimental Psychology: Human Perception and Performance, 1978, 4, 599-609.	0.9	73
77	Perceptual switching in bilinguals. Journal of the Acoustical Society of America, 1977, 62, 971-974.	1.1	113
78	Connectionism and the Study of Change. , 0, , 420-440.		7