

Morten H Christiansen

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

11,763
citations

36303

51
h-index

30922

102
g-index

155
all docs

155
docs citations

155
times ranked

4903
citing authors

#	ARTICLE	IF	CITATIONS
1	Language as shaped by the brain. Behavioral and Brain Sciences, 2008, 31, 489-509.	0.7	702
2	Language Is a Complex Adaptive System: Position Paper. Language Learning, 2009, 59, 1-26.	2.7	678
3	Reassessing working memory: Comment on Just and Carpenter (1992) and Waters and Caplan (1996).. Psychological Review, 2002, 109, 35-54.	3.8	621
4	Domain generality versus modality specificity: the paradox of statistical learning. Trends in Cognitive Sciences, 2015, 19, 117-125.	7.8	384
5	Arbitrariness, Iconicity, and Systematicity in Language. Trends in Cognitive Sciences, 2015, 19, 603-615.	7.8	384
6	The Now-or-Never bottleneck: A fundamental constraint on language. Behavioral and Brain Sciences, 2016, 39, e62.	0.7	379
7	Modality-Constrained Statistical Learning of Tactile, Visual, and Auditory Sequences.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 24-39.	0.9	370
8	Experience and sentence processing: Statistical learning and relative clause comprehension. Cognitive Psychology, 2009, 58, 250-271.	2.2	360
9	Language evolution: consensus and controversies. Trends in Cognitive Sciences, 2003, 7, 300-307.	7.8	321
10	Learning to Segment Speech Using Multiple Cues: A Connectionist Model. Language and Cognitive Processes, 1998, 13, 221-268.	2.2	296
11	Sequential learning in non-human primates. Trends in Cognitive Sciences, 2001, 5, 539-546.	7.8	286
12	Sound-meaning association biases evidenced across thousands of languages. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10818-10823.	7.1	285
13	Processing of relative clauses is made easier by frequency of occurrence. Journal of Memory and Language, 2007, 57, 1-23.	2.1	272
14	Networks in Cognitive Science. Trends in Cognitive Sciences, 2013, 17, 348-360.	7.8	267
15	Individual Differences in Language Acquisition and Processing. Trends in Cognitive Sciences, 2018, 22, 154-169.	7.8	267
16	Toward a Connectionist Model of Recursion in Human Linguistic Performance. Cognitive Science, 1999, 23, 157-205.	1.7	237
17	Stress changes the representational landscape: evidence from word segmentation. Cognition, 2005, 96, 233-262.	2.2	228
18	Phonological typicality influences on-line sentence comprehension. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12203-12208.	7.1	223

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19	The differential role of phonological and distributional cues in grammatical categorisation. <i>Cognition</i> , 2005, 96, 143-182.	2.2	211
20	Statistical Learning Within and Between Modalities. <i>Psychological Science</i> , 2006, 17, 905-912.	3.3	211
21	Statistical Learning and Language: An Individual Differences Study. <i>Language Learning</i> , 2012, 62, 302-331.	2.7	209
22	Restrictions on biological adaptation in language evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1015-1020.	7.1	184
23	The phonological-distributional coherence hypothesis: Cross-linguistic evidence in language acquisition. <i>Cognitive Psychology</i> , 2007, 55, 259-305.	2.2	163
24	How arbitrary is language?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130299.	4.0	158
25	How hierarchical is language use?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4522-4531.	2.6	150
26	Sequential Expectations: The Role of Prediction-Based Learning in Language. <i>Topics in Cognitive Science</i> , 2010, 2, 138-153.	1.9	141
27	Statistical learning research: A critical review and possible new directions. <i>Psychological Bulletin</i> , 2019, 145, 1128-1153.	6.1	141
28	Towards a theory of individual differences in statistical learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160059.	4.0	137
29	Creating Language. , 2016, , .		119
30	A Usage-Based Approach to Recursion in Sentence Processing. <i>Language Learning</i> , 2009, 59, 126-161.	2.7	117
31	On-line individual differences in statistical learning predict language processing. <i>Frontiers in Psychology</i> , 2010, 1, 31.	2.1	117
32	Uncovering the Richness of the Stimulus: Structure Dependence and Indirect Statistical Evidence. <i>Cognitive Science</i> , 2005, 29, 1007-1028.	1.7	112
33	Language Acquisition Meets Language Evolution. <i>Cognitive Science</i> , 2010, 34, 1131-1157.	1.7	101
34	Implicit Statistical Learning: A Tale of Two Literatures. <i>Topics in Cognitive Science</i> , 2019, 11, 468-481.	1.9	100
35	Timing is everything: Changes in presentation rate have opposite effects on auditory and visual implicit statistical learning. <i>Quarterly Journal of Experimental Psychology</i> , 2011, 64, 1021-1040.	1.1	96
36	The Role of Multiword Building Blocks in Explaining L1-L2 Differences. <i>Topics in Cognitive Science</i> , 2017, 9, 621-636.	1.9	96

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37	Words in puddles of sound: modelling psycholinguistic effects in speech segmentation. <i>Journal of Child Language</i> , 2010, 37, 545-564.	1.2	88
38	The arbitrariness of the sign: Learning advantages from the structure of the vocabulary.. <i>Journal of Experimental Psychology: General</i> , 2011, 140, 325-347.	2.1	86
39	Word chunk frequencies affect the processing of pronominal object-relative clauses. <i>Quarterly Journal of Experimental Psychology</i> , 2007, 60, 161-170.	1.1	84
40	Similar neural correlates for language and sequential learning: Evidence from event-related brain potentials. <i>Language and Cognitive Processes</i> , 2012, 27, 231-256.	2.2	84
41	Impaired artificial grammar learning in agrammatism. <i>Cognition</i> , 2010, 116, 382-393.	2.2	82
42	Cultural Evolution of Language. , 2013, , 303-332.		77
43	Seeing and hearing in space and time: Effects of modality and presentation rate on implicit statistical learning. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 561-580.	1.3	74
44	Acquiring formulaic language. <i>Mental Lexicon</i> , 2014, 9, 419-436.	0.5	73
45	More Than Words: The Role of Multiword Sequences in Language Learning and Use. <i>Topics in Cognitive Science</i> , 2017, 9, 542-551.	1.9	71
46	Building social cognitive models of language change. <i>Trends in Cognitive Sciences</i> , 2009, 13, 464-469.	7.8	66
47	The language faculty that wasn't: a usage-based account of natural language recursion. <i>Frontiers in Psychology</i> , 2015, 6, 1182.	2.1	64
48	Language learning as language use: A cross-linguistic model of child language development.. <i>Psychological Review</i> , 2019, 126, 1-51.	3.8	64
49	Digging up the building blocks of language: Age-of-acquisition effects for multiword phrases. <i>Journal of Memory and Language</i> , 2017, 92, 265-280.	2.1	62
50	From sound to syntax: phonological constraints on children's lexical categorization of new words. <i>Journal of Child Language</i> , 2009, 36, 967-997.	1.2	61
51	Impaired statistical learning of non-adjacent dependencies in adolescents with specific language impairment. <i>Frontiers in Psychology</i> , 2014, 5, 175.	2.1	60
52	Computational Investigations of Multiword Chunks in Language Learning. <i>Topics in Cognitive Science</i> , 2017, 9, 637-652.	1.9	58
53	The secret is in the sound: from unsegmented speech to lexical categories. <i>Developmental Science</i> , 2009, 12, 388-395.	2.4	57
54	The long road of statistical learning research: past, present and future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160047.	4.0	55

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55	Language as skill: Intertwining comprehension and production. <i>Journal of Memory and Language</i> , 2016, 89, 244-254.	2.1	53
56	Learning grammatical categories from distributional cues: Flexible frames for language acquisition. <i>Cognition</i> , 2010, 116, 341-360.	2.2	46
57	Reading Span Task Performance, Linguistic Experience, and the Processing of Unexpected Syntactic Events. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 413-433.	1.1	45
58	Looking in the Wrong Direction Correlates With More Accurate Word Learning. <i>Cognitive Science</i> , 2011, 35, 367-380.	1.7	40
59	fMRI Syntactic and Lexical Repetition Effects Reveal the Initial Stages of Learning a New Language. <i>Journal of Neuroscience</i> , 2016, 36, 6872-6880.	3.6	39
60	Hierarchical and sequential processing of language. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 1213-1218.	1.2	39
61	Generalization and Connectionist Language Learning. <i>Mind and Language</i> , 1994, 9, 273-287.	2.3	38
62	Processing multiple non-adjacent dependencies: evidence from sequence learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2065-2076.	4.0	38
63	Chapter 2. A connectionist account of the acquisition and processing of relative clauses. <i>Trends in Language Acquisition Research</i> , 2011, , 39-60.	0.3	38
64	Simpler grammar, larger vocabulary: How population size affects language. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172586.	2.6	35
65	Language acquisition as skill learning. <i>Current Opinion in Behavioral Sciences</i> , 2018, 21, 205-208.	3.9	32
66	Statistically Induced Chunking Recall: A Memory-Based Approach to Statistical Learning. <i>Cognitive Science</i> , 2020, 44, e12848.	1.7	32
67	Individual Differences in Sentence Processing. , 0, , 353-364.		30
68	FACTORS INFLUENCING SENSITIVITY TO LEXICAL TONE IN AN ARTIFICIAL LANGUAGE. <i>Studies in Second Language Acquisition</i> , 2015, 37, 335-357.	2.6	30
69	Toward a unified account of comprehension and production in language development. <i>Behavioral and Brain Sciences</i> , 2013, 36, 366-367.	0.7	29
70	Concurrent Statistical Learning of Adjacent and Nonadjacent Dependencies. <i>Language Learning</i> , 2016, 66, 8-30.	2.7	28
71	Sequence Memory Constraints Give Rise to Language-Like Structure through Iterated Learning. <i>PLoS ONE</i> , 2017, 12, e0168532.	2.5	28
72	Sequential learning and the interaction between biological and linguistic adaptation in language evolution. <i>Interaction Studies</i> , 2009, 10, 5-30.	0.6	27

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73	Discovering Verbs Through Multiple-Cue Integration. , 2006, , 88-108.		26
74	Statistical learning of probabilistic nonadjacent dependencies by multiple-cue integration. Journal of Memory and Language, 2012, 67, 507-520.	2.1	25
75	Lexical Categories at the Edge of the Word. Cognitive Science, 2008, 32, 184-221.	1.7	24
76	Phonological typicality influences sentence processing in predictive contexts: Reply to Staub, Grant, Clifton, and Rayner (2009).. Journal of Experimental Psychology: Learning Memory and Cognition, 2011, 37, 1318-1325.	0.9	24
77	The Role of Sequential Learning in Language Evolution: Computational and Experimental Studies. , 2002, , 165-187.		24
78	Is there such a thing as a "good statistical learner"? Trends in Cognitive Sciences, 2022, 26, 25-37.	7.8	24
79	The Biological Origin of Linguistic Diversity. PLoS ONE, 2012, 7, e48029.	2.5	23
80	Biological Adaptations for Functional Features of Language in the Face of Cultural Evolution. Human Biology, 2011, 83, 247-259.	0.2	22
81	Multimodal integration in statistical learning: evidence from the McGurk illusion. Frontiers in Psychology, 2014, 5, 407.	2.1	22
82	Affective Arousal Links Sound to Meaning. Psychological Science, 2020, 31, 978-986.	3.3	20
83	Evolution in a Changing Environment. PLoS ONE, 2013, 8, e52742.	2.5	19
84	Comparing statistical learning across perceptual modalities in infancy: An investigation of underlying learning mechanism(s). Developmental Science, 2019, 22, e12847.	2.4	19
85	Toward a Comparative Approach to Language Acquisition. Current Directions in Psychological Science, 2022, 31, 131-138.	5.3	19
86	Common Genetic Variants in FOXP2 Are Not Associated with Individual Differences in Language Development. PLoS ONE, 2016, 11, e0152576.	2.5	18
87	Developmental Changes in Cross-Situational Word Learning: The Inverse Effect of Initial Accuracy. Cognitive Science, 2017, 41, 141-161.	1.7	16
88	The biological and cultural foundations of language. Communicative and Integrative Biology, 2009, 2, 221-222.	1.4	15
89	A Serial Reaction Time (SRT) task with symmetrical joystick responding for nonhuman primates. Behavior Research Methods, 2012, 44, 733-741.	4.0	15
90	Towards an integrated science of language. Nature Human Behaviour, 2017, 1, .	12.0	15

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91	On The Evolutionary Origin of Symbolic Communication. <i>Scientific Reports</i> , 2016, 6, 34615.	3.3	14
92	Visual artificial grammar learning by rhesus macaques (<i>Macaca mulatta</i>): exploring the role of grammar complexity and sequence length. <i>Animal Cognition</i> , 2018, 21, 267-284.	1.8	14
93	Measures of phonological typicality. <i>Mental Lexicon</i> , 2010, 5, 281-299.	0.5	13
94	Segmentation of Highly Vocalic Speech Via Statistical Learning: Initial Results From Danish, Norwegian, and English. <i>Language Learning</i> , 2019, 69, 143-176.	2.7	13
95	Individual differences in artificial and natural language statistical learning. <i>Cognition</i> , 2022, 225, 105123.	2.2	13
96	Measuring children's auditory statistical learning via serial recall. <i>Journal of Experimental Child Psychology</i> , 2020, 200, 104964.	1.4	12
97	Integrating statistical learning into cognitive science. <i>Journal of Memory and Language</i> , 2020, 115, 104167.	2.1	12
98	Does sound structure affect word learning? An eye-tracking study of Danish learning toddlers. <i>Journal of Experimental Child Psychology</i> , 2018, 167, 180-203.	1.4	11
99	Primed From the Start: Syntactic Priming During the First Days of Language Learning. <i>Language Learning</i> , 2019, 69, 198-221.	2.7	11
100	Meaningfulness Beats Frequency in Multiword Chunk Processing. <i>Cognitive Science</i> , 2020, 44, e12885.	1.7	11
101	Danish as a Window Onto Language Processing and Learning. <i>Language Learning</i> , 2021, 71, 799-833.	2.7	11
102	Division of Labor in Vocabulary Structure: Insights From Corpus Analyses. <i>Topics in Cognitive Science</i> , 2016, 8, 610-624.	1.9	10
103	Language Evolution: Constraints and Opportunities From Modern Genetics. <i>Topics in Cognitive Science</i> , 2016, 8, 361-370.	1.9	10
104	The myth of language universals and the myth of universal grammar. <i>Behavioral and Brain Sciences</i> , 2009, 32, 452-453.	0.7	9
105	Chunk-Based Memory Constraints on the Cultural Evolution of Language. <i>Topics in Cognitive Science</i> , 2020, 12, 713-726.	1.9	9
106	Using Utterance Recall to Assess Second Language Proficiency. <i>Language Learning</i> , 2020, 70, 104-132.	2.7	9
107	Mark my words: High frequency marker words impact early stages of language learning.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2019, 45, 1883-1898.	0.9	9
108	From Language Learning to Language Evolution. , 2003, , 272-294.		9

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109	Language has evolved to depend on multiple-cue integration. , 2013, , 42-61.		9
110	Case, Word Order, and Language Learnability: Insights from Connectionist Modeling. , 2019, , 596-601.		9
111	Language evolution as cultural evolution: how language is shaped by the brain. Wiley Interdisciplinary Reviews: Cognitive Science, 2010, 1, 623-628.	2.8	8
112	Under What Conditions Can Recursion Be Learned? Effects of Starting Small in Artificial Grammar Learning of Centerâ€Embedded Structure. Cognitive Science, 2018, 42, 2855-2889.	1.7	8
113	Brains, genes, and language evolution: A new synthesis. Behavioral and Brain Sciences, 2008, 31, 537-558.	0.7	7
114	THE BALDWIN EFFECT WORKS FOR FUNCTIONAL, BUT NOT ARBITRARY, FEATURES OF LANGUAGE. , 2006, , .		6
115	Prospects for usageâ€based computational models of grammatical development: argument structure and semantic roles. Wiley Interdisciplinary Reviews: Cognitive Science, 2014, 5, 489-499.	2.8	5
116	LINGUISTIC ADAPTATION AT WORK? THE CHANGE OF WORD ORDER AND CASE SYSTEM FROM LATIN TO THE ROMANCE LANGUAGES. , 2010, , .		5
117	THE PARADOX OF LINGUISTIC COMPLEXITY AND COMMUNITY SIZE. , 2014, , .		4
118	Exploring Variation Between Artificial Grammar Learning Experiments: Outlining a Metaâ€Analysis Approach. Topics in Cognitive Science, 2020, 12, 875-893.	1.9	4
119	Models of Language and Multiword Expressions. Frontiers in Artificial Intelligence, 2022, 5, 781962.	3.4	4
120	Quantifying Interdisciplinarity in Cognitive Science and Beyond. Topics in Cognitive Science, 2022, , .	1.9	4
121	Squeezing through the Now-or-Never bottleneck: Reconnecting language processing, acquisition, change, and structure. Behavioral and Brain Sciences, 2016, 39, e91.	0.7	3
122	When Too Many Vowels Impede Language Processing: An Eye-Tracking Study of Danish-Learning Children. Language and Speech, 2020, 63, 898-918.	1.1	3
123	THE IMPLICATIONS OF BILINGUALISM AND MULTILINGUALISM FOR POTENTIAL EVOLVED LANGUAGE MECHANISMS. , 2006, , .		2
124	ROBUSTNESS AS A DESIGN FEATURE OF SPEECH COMMUNICATION. , 2012, , .		2
125	Statistically based chunking of nonadjacent dependencies.. Journal of Experimental Psychology: General, 2022, 151, 2623-2640.	2.1	2
126	THE EMERGENCE OF STRUCTURE FROM SEQUENCE MEMORY CONSTRAINTS IN CULTURAL TRANSMISSION. , 2010, , .		1

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127	Statistical-sequential learning in development. , 2011, , 13-54.		1
128	Linguistic diversity and individual variation: Comment on "Rethinking foundations of language from a multidisciplinary perspective" by T. Gong et al.. Physics of Life Reviews, 2018, 26-27, 164-166.	2.8	1
129	On the Necessity of an Interdisciplinary Approach to Language Universals. , 2009, , 266-277.		1
130	RECONCILING THE DIVERSITY OF LANGUAGES WITH THE BIOLOGICAL UNIFORMITY OF THEIR SPEAKERS. , 2012, , .		1
131	BALANCING ARBITRARINESS AND SYSTEMATICITY IN LANGUAGE EVOLUTION. , 2010, , .		1
132	SOUND SYMBOLISM AND THE ORIGINS OF LANGUAGE. , 2014, , .		1
133	Exploring the "anchor word" effect in infants: Segmentation and categorisation of speech with and without high frequency words. PLoS ONE, 2020, 15, e0243436.	2.5	1
134	We need a comparative approach to language acquisition: A commentary on Kidd and Garcia (2022). First Language, 0, , 014272372210938.	1.2	1
135	Raising the bar for connectionist modeling of cognitive developmental disorders. Behavioral and Brain Sciences, 2002, 25, 752-753.	0.7	0
136	It's about time: Adding processing to neuroemergentism. Journal of Neurolinguistics, 2019, 49, 224-227.	1.1	0
137	Input Complexity Affects Long-Term Retention of Statistically Learned Regularities in an Artificial Language Learning Task. Frontiers in Human Neuroscience, 2019, 13, 358.	2.0	0
138	ICONIC VERSUS ARBITRARY MAPPINGS AND THE CULTURAL TRANSMISSION OF LANGUAGE. , 2006, , .		0
139	A MISSING LINK IN THE CULTURAL EVOLUTION OF LANGUAGE: CONNECTING SEQUENTIAL LEARNING AND LANGUAGE EMPIRICALLY. , 2010, , .		0
140	BRAINS, GENES AND LANGUAGE EVOLUTION. , 2010, , .		0
141	From Fragmentation to Integration. , 2016, , 227-247.		0
142	Language Acquisition through Multiple-Cue Integration. , 2016, , 137-168.		0
143	Recursion as a Usage-Based Skill. , 2016, , 197-225.		0
144	Experience-Based Language Processing. , 2016, , 169-195.		0

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145	The Now-or-Never Processing Bottleneck. , 2016, , 93-133.		0
146	Language Created across Multiple Timescales. , 2016, , 3-17.		0
147	Memory limitations are hidden in grammar. Glottometrics, 0, 52, 39-64.	0.0	0