

# Lena Jäger

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,995  
citations

147801

31  
h-index

175258

52  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Data assimilation in dynamical cognitive science. Trends in Cognitive Sciences, 2022, 26, 99-102.	7.8	4
2	Individual Differences in Cue Weighting in Sentence Comprehension: An Evaluation Using Approximate Bayesian Computation. Open Mind, 2022, 6, 1-24.	1.7	6
3	Inferring Native and Non-Native Human Reading Comprehension and Subjective Text Difficulty from Scanpaths in Reading. , 2022, , .		6
4	Share the code, not just the data: A case study of the reproducibility of articles published in the Journal of Memory and Language under the open data policy. Journal of Memory and Language, 2022, 125, 104332.	2.1	8
5	The posterior probability of a null hypothesis given a statistically significant result. The Quantitative Methods for Psychology, 2022, 18, 130-99.	0.9	0
6	The benefits of preregistration for hypothesis-driven bilingualism research. Bilingualism, 2021, 24, 807-812.	1.3	5
7	A Computational Evaluation of Two Models of Retrieval Processes in Sentence Processing in Aphasia. Cognitive Science, 2021, 45, e12956.	1.7	14
8	The interaction of grammatically distinct agreement dependencies in predictive processing. Language, Cognition and Neuroscience, 2021, 36, 1159-1179.	1.2	3
9	Does Local Coherence Lead to Targeted Regressions and Illusions of Grammaticality?. Open Mind, 2021, 5, 1-17.	1.7	1
10	Modeling Misretrieval and Feature Substitution in Agreement Attraction: A Computational Evaluation. Cognitive Science, 2021, 45, e13019.	1.7	7
11	How to embrace variation and accept uncertainty in linguistic and psycholinguistic data analysis. Linguistics, 2021, 59, 1311-1342.	1.0	18
12	DeepEyedentificationLive: Oculomotoric Biometric Identification and Presentation-Attack Detection Using Deep Neural Networks. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 506-518.	4.4	16
13	An Extension of the Core Model: Modelling the Interaction of Eye-Movement Control and Parsing. , 2021, , 116-139.		0
14	Dependencies in Sentence Comprehension. , 2021, , 21-48.		0
15	Reanalysis and Underspecification in Sentence Comprehension: Modelling Eye Movements. , 2021, , 140-160.		0
16	The Core ACT-R-Based Model of Retrieval Processes. , 2021, , 49-70.		0
17	Modelling Sentence Comprehension Deficits in Aphasia. , 2021, , 178-199.		0
18	An Extension of the Core Model: Modelling Prominence and Multi-associative Cues. , 2021, , 71-115.		0

#	ARTICLE	IF	CITATIONS
19	Competing Accounts of Interference in Sentence Processing. , 2021, , 161-177.		0
20	Interference patterns in subject-verb agreement and reflexives revisited: A large-sample study. Journal of Memory and Language, 2020, 111, 104063.	2.1	65
21	Quadruplex Negatio Invertit? The On-Line Processing of Depth Charge Sentences. Journal of Semantics, 2020, 37, 509-555.	1.5	10
22	Discriminative Viewer Identification using Generative Models of Eye Gaze. Procedia Computer Science, 2020, 176, 1348-1357.	2.0	1
23	On the Relationship between Eye Tracking Resolution and Performance of Oculomotoric Biometric Identification. Procedia Computer Science, 2020, 176, 2088-2097.	2.0	6
24	A Principled Approach to Feature Selection in Models of Sentence Processing. Cognitive Science, 2020, 44, e12918.	1.7	22
25	Are words pre-activated probabilistically during sentence comprehension? Evidence from new data and a Bayesian random-effects meta-analysis using publicly available data. Neuropsychologia, 2020, 142, 107427.	1.6	61
26	Does case marking affect agreement attraction in comprehension?. Journal of Memory and Language, 2020, 112, 104087.	2.1	39
27	Deep Eyedentification: Biometric Identification Using Micro-movements of the Eye. Lecture Notes in Computer Science, 2020, , 299-314.	1.3	15
28	Biometric Identification and Presentation-Attack Detection using Micro- and Macro-Movements of the Eyes. , 2020, , .		9
29	The effect of decay and lexical uncertainty on processing long-distance dependencies in reading. PeerJ, 2020, 8, e10438.	2.0	4
30	Computational Models of Retrieval Processes in Sentence Processing. Trends in Cognitive Sciences, 2019, 23, 968-982.	7.8	50
31	Antecedent access mechanisms in pronoun processing: evidence from the N400. Language, Cognition and Neuroscience, 2019, 34, 641-661.	1.2	3
32	A Discriminative Model for Identifying Readers and Assessing Text Comprehension from Eye Movements. Lecture Notes in Computer Science, 2019, , 209-225.	1.3	10
33	The Effect of Prominence and Cue Association on Retrieval Processes: A Computational Account. Cognitive Science, 2019, 43, e12800.	1.7	51
34	Overt language production of German past participles: investigating (ir-)regularity. Language, Cognition and Neuroscience, 2019, 34, 289-308.	1.2	1
35	Exploratory and Confirmatory Analyses in Sentence Processing: A Case Study of Number Interference in German. Cognitive Science, 2018, 42, 1075-1100.	1.7	65
36	A Computational Investigation of Sources of Variability in Sentence Comprehension Difficulty in Aphasia. Topics in Cognitive Science, 2018, 10, 161-174.	1.9	35

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37	Models of retrieval in sentence comprehension: A computational evaluation using Bayesian hierarchical modeling. <i>Journal of Memory and Language</i> , 2018, 99, 1-34.	2.1	53
38	Effects of Early Cues on the Processing of Chinese Relative Clauses: Evidence for Experience-Based Theories. <i>Cognitive Science</i> , 2018, 42, 1101-1133.	1.7	28
39	Processing of ellipsis with garden-path antecedents in French and German: Evidence from eye tracking. <i>PLoS ONE</i> , 2018, 13, e0198620.	2.5	7
40	The statistical significance filter leads to overoptimistic expectations of replicability. <i>Journal of Memory and Language</i> , 2018, 103, 151-175.	2.1	106
41	Bayesian data analysis in the phonetic sciences: A tutorial introduction. <i>Journal of Phonetics</i> , 2018, 71, 147-161.	1.2	101
42	Using meta-analysis for evidence synthesis: The case of incomplete neutralization in German. <i>Journal of Phonetics</i> , 2018, 70, 39-55.	1.2	29
43	The Importance of Reading Naturally: Evidence From Combined Recordings of Eye Movements and Electric Brain Potentials. <i>Cognitive Science</i> , 2017, 41, 1232-1263.	1.7	51
44	Similarity-based interference in sentence comprehension: Literature review and Bayesian meta-analysis. <i>Journal of Memory and Language</i> , 2017, 94, 316-339.	2.1	137
45	Retrieval and Encoding Interference: Cross-Linguistic Evidence from Anaphor Processing. <i>Frontiers in Psychology</i> , 2017, 8, 965.	2.1	12
46	When High-Capacity Readers Slow Down and Low-Capacity Readers Speed Up: Working Memory and Locality Effects. <i>Frontiers in Psychology</i> , 2016, 7, 280.	2.1	39
47	Prosodic Focus Marking in Silent Reading: Effects of Discourse Context and Rhythm. <i>Frontiers in Psychology</i> , 2016, 7, 319.	2.1	25
48	Retrieval Interference in Syntactic Processing: The Case of Reflexive Binding in English. <i>Frontiers in Psychology</i> , 2016, 7, 329.	2.1	55
49	Dependency Resolution Difficulty Increases with Distance in Persian Separable Complex Predicates: Evidence for Expectation and Memory-Based Accounts. <i>Frontiers in Psychology</i> , 2016, 7, 403.	2.1	30
50	A Multiple-Channel Model of Task-Dependent Ambiguity Resolution in Sentence Comprehension. <i>Cognitive Science</i> , 2016, 40, 266-298.	1.7	42
51	Understanding underspecification: A comparison of two computational implementations. <i>Quarterly Journal of Experimental Psychology</i> , 2016, 69, 996-1012.	1.1	29
52	Statistical Methods for Linguistic Research: Foundational Ideas – Part I. <i>Language and Linguistics Compass</i> , 2016, 10, 349-369.	2.3	45
53	Statistical methods for linguistic research: Foundational Ideas – Part II. <i>Language and Linguistics Compass</i> , 2016, 10, 591-613.	2.3	122
54	Cross-Linguistic Differences in Processing Double-Embedded Relative Clauses: Working-Memory Constraints or Language Statistics?. <i>Cognitive Science</i> , 2016, 40, 554-578.	1.7	51

#	ARTICLE	IF	CITATIONS
55	A Computational Evaluation of Sentence Processing Deficits in Aphasia. <i>Cognitive Science</i> , 2016, 40, 5-50.	1.7	43
56	On the nature of the subject-€object asymmetry in wh-question comprehension in aphasia: evidence from eye tracking. <i>Aphasiology</i> , 2016, 30, 435-462.	2.2	12
57	Bayesian linear mixed models using Stan: A tutorial for psychologists, linguists, and cognitive scientists. <i>The Quantitative Methods for Psychology</i> , 2016, 12, 175-200.	0.9	102
58	Teasing apart retrieval and encoding interference in the processing of anaphors. <i>Frontiers in Psychology</i> , 2015, 6, 506.	2.1	19
59	Retrieval interference in reflexive processing: experimental evidence from Mandarin, and computational modeling. <i>Frontiers in Psychology</i> , 2015, 6, 617.	2.1	43
60	Determinants of Scanpath Regularity in Reading. <i>Cognitive Science</i> , 2015, 39, 1675-1703.	1.7	37
61	The subject-relative advantage in Chinese: Evidence for expectation-based processing. <i>Journal of Memory and Language</i> , 2015, 79-80, 97-120.	2.1	68
62	Working memory differences in long-distance dependency resolution. <i>Frontiers in Psychology</i> , 2015, 6, 312.	2.1	32
63	Distinctiveness and encoding effects in online sentence comprehension. <i>Frontiers in Psychology</i> , 2014, 5, 1237.	2.1	50
64	What eye movements can tell us about sentence comprehension. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2013, 4, 125-134.	2.8	39
65	Scanpaths reveal syntactic underspecification and reanalysis strategies. <i>Language and Cognitive Processes</i> , 2013, 28, 1545-1578.	2.2	63
66	Sentence comprehension disorders in aphasia: The concept of chance performance revisited. <i>Aphasiology</i> , 2013, 27, 112-125.	2.2	13
67	Parallel processing and sentence comprehension difficulty. <i>Language and Cognitive Processes</i> , 2011, 26, 301-349.	2.2	104
68	Short-term forgetting in sentence comprehension: Crosslinguistic evidence from verb-final structures. <i>Language and Cognitive Processes</i> , 2010, 25, 533-567.	2.2	95
69	Argument-Head Distance and Processing Complexity: Explaining both Locality and Antilocality Effects. <i>Language</i> , 2006, 82, 767-794.	0.6	160
70	An Activation-Based Model of Sentence Processing as Skilled Memory Retrieval. <i>Cognitive Science</i> , 2005, 29, 375-419.	1.7	609
71	Sample Size Determination for Bayesian Hierarchical Models Commonly Used in Psycholinguistics. <i>Computational Brain &amp; Behavior</i> , 0, , 1.	1.7	4