Lena JÃ¤ger

List of Publications by Year
in descending order

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	An Activation-Based Model of Sentence Processing as Skilled Memory Retrieval. Cognitive Science, 2005, 29, 375-419.	1.7	609
2	Argument-Head Distance and Processing Complexity: Explaining both Locality and Antilocality Effects. Language, 2006, 82, 767-794.	0.6	160
3	Similarity-based interference in sentence comprehension: Literature review and Bayesian meta-analysis. Journal of Memory and Language, 2017, 94, 316-339.	2.1	137
4	Statistical methods for linguistic research: Foundational Ideas—Part II. Language and Linguistics Compass, 2016, 10, 591-613.	2.3	122
5	The statistical significance filter leads to overoptimistic expectations of replicability. Journal of Memory and Language, 2018, 103, 151-175.	2.1	106
6	Parallel processing and sentence comprehension difficulty. Language and Cognitive Processes, 2011, 26, 301-349.	2.2	104
7	Bayesian linear mixed models using Stan: A tutorial for psychologists, linguists, and cognitive scientists. The Quantitative Methods for Psychology, 2016, 12, 175-200.	0.9	102
8	Bayesian data analysis in the phonetic sciences: A tutorial introduction. Journal of Phonetics, 2018, 71, 147-161.	1.2	101
9	Short-term forgetting in sentence comprehension: Crosslinguistic evidence from verb-final structures. Language and Cognitive Processes, 2010, 25, 533-567.	2.2	95
10	The subject-relative advantage in Chinese: Evidence for expectation-based processing. Journal of Memory and Language, 2015, 79-80, 97-120.	2.1	68
11	Exploratory and Confirmatory Analyses in Sentence Processing: A Case Study of Number Interference in German. Cognitive Science, 2018, 42, 1075-1100.	1.7	65
12	Interference patterns in subject-verb agreement and reflexives revisited: A large-sample study. Journal of Memory and Language, 2020, 111, 104063.	2.1	65
13	Scanpaths reveal syntactic underspecification and reanalysis strategies. Language and Cognitive Processes, 2013, 28, 1545-1578.	2.2	63
14	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
15	Retrieval Interference in Syntactic Processing: The Case of Reflexive Binding in English. Frontiers in Psychology, 2016, 7, 329.	2.1	55
16	Models of retrieval in sentence comprehension: A computational evaluation using Bayesian hierarchical modeling. Journal of Memory and Language, 2018, 99, 1-34.	2.1	53
17	Cross‐Linguistic Differences in Processing Double‐Embedded Relative Clauses: Working‐Memory Constraints or Language Statistics?. Cognitive Science, 2016, 40, 554-578.	1.7	51
18	The Importance of Reading Naturally: Evidence From Combined Recordings of Eye Movements and Electric Brain Potentials. Cognitive Science, 2017, 41, 1232-1263.	1.7	51

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19	The Effect of Prominence and Cue Association on Retrieval Processes: A Computational Account. Cognitive Science, 2019, 43, e12800.	1.7	51
20	Distinctiveness and encoding effects in online sentence comprehension. Frontiers in Psychology, 2014, 5, 1237.	2.1	50
21	Computational Models of Retrieval Processes in Sentence Processing. Trends in Cognitive Sciences, 2019, 23, 968-982.	7.8	50
22	Statistical Methods for Linguistic Research: Foundational Ideas â€" Part I. Language and Linguistics Compass, 2016, 10, 349-369.	2.3	45
23	Retrieval interference in reflexive processing: experimental evidence from Mandarin, and computational modeling. Frontiers in Psychology, 2015, 6, 617.	2.1	43
24	A Computational Evaluation of Sentence Processing Deficits in Aphasia. Cognitive Science, 2016, 40, 5-50.	1.7	43
25	A Multipleâ€Channel Model of Taskâ€Dependent Ambiguity Resolution in Sentence Comprehension. Cognitive Science, 2016, 40, 266-298.	1.7	42
26	What eye movements can tell us about sentence comprehension. Wiley Interdisciplinary Reviews: Cognitive Science, 2013, 4, 125-134.	2.8	39
27	When High-Capacity Readers Slow Down and Low-Capacity Readers Speed Up: Working Memory and Locality Effects. Frontiers in Psychology, 2016, 7, 280.	2.1	39
28	Does case marking affect agreement attraction in comprehension?. Journal of Memory and Language, 2020, 112, 104087.	2.1	39
29	Determinants of Scanpath Regularity in Reading. Cognitive Science, 2015, 39, 1675-1703.	1.7	37
30	A Computational Investigation of Sources of Variability in Sentence Comprehension Difficulty in Aphasia. Topics in Cognitive Science, 2018, 10, 161-174.	1.9	35
31	Working memory differences in long-distance dependency resolution. Frontiers in Psychology, 2015, 6, 312.	2.1	32
32	Dependency Resolution Difficulty Increases with Distance in Persian Separable Complex Predicates: Evidence for Expectation and Memory-Based Accounts. Frontiers in Psychology, 2016, 7, 403.	2.1	30
33	Understanding underspecification: A comparison of two computational implementations. Quarterly Journal of Experimental Psychology, 2016, 69, 996-1012.	1.1	29
34	Using meta-analysis for evidence synthesis: The case of incomplete neutralization in German. Journal of Phonetics, 2018, 70, 39-55.	1.2	29
35	Effects of Early Cues on the Processing of Chinese Relative Clauses: Evidence for Experienceâ€Based Theories. Cognitive Science, 2018, 42, 1101-1133.	1.7	28
36	Prosodic Focus Marking in Silent Reading: Effects of Discourse Context and Rhythm. Frontiers in Psychology, 2016, 7, 319.	2.1	25

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37	A Principled Approach to Feature Selection in Models of Sentence Processing. Cognitive Science, 2020, 44, e12918.	1.7	22
38	Teasing apart retrieval and encoding interference in the processing of anaphors. Frontiers in Psychology, 2015, 6, 506.	2.1	19
39	How to embrace variation and accept uncertainty in linguistic and psycholinguistic data analysis. Linguistics, 2021, 59, 1311-1342.	1.0	18
40	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
41	Deep Eyedentification: Biometric Identification Using Micro-movements of the Eye. Lecture Notes in Computer Science, 2020, , 299-314.	1.3	15
42	A Computational Evaluation of Two Models of Retrieval Processes in Sentence Processing in Aphasia. Cognitive Science, 2021, 45, e12956.	1.7	14
43	Sentence comprehension disorders in aphasia: The concept of chance performance revisited. Aphasiology, 2013, 27, 112-125.	2.2	13
44	On the nature of the subject–object asymmetry in wh-question comprehension in aphasia: evidence from eye tracking. Aphasiology, 2016, 30, 435-462.	2.2	12
45	Retrieval and Encoding Interference: Cross-Linguistic Evidence from Anaphor Processing. Frontiers in Psychology, 2017, 8, 965.	2.1	12
46	A Discriminative Model for Identifying Readers and Assessing Text Comprehension from Eye Movements. Lecture Notes in Computer Science, 2019, , 209-225.	1.3	10
47	Quadruplex Negatio Invertit? The On-Line Processing of Depth Charge Sentences. Journal of Semantics, 2020, 37, 509-555.	1.5	10
48	Biometric Identification and Presentation-Attack Detection using Micro- and Macro-Movements of the Eyes. , 2020, , .		9
49	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
50	Processing of ellipsis with garden-path antecedents in French and German: Evidence from eye tracking. PLoS ONE, 2018, 13, e0198620.	2.5	7
51	Modeling Misretrieval and Feature Substitution in Agreement Attraction: A Computational Evaluation. Cognitive Science, 2021, 45, e13019.	1.7	7
52	On the Relationship between Eye Tracking Resolution and Performance of Oculomotoric Biometric Identification. Procedia Computer Science, 2020, 176, 2088-2097.	2.0	6
53	Individual Differences in Cue Weighting in Sentence Comprehension: An Evaluation Using Approximate Bayesian Computation. Open Mind, 2022, 6, 1-24.	1.7	6
54	Inferring Native and Non-Native Human Reading Comprehension and Subjective Text Difficulty from Scanpaths in Reading. , 2022, , .		6

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55	The benefits of preregistration for hypothesis-driven bilingualism research. Bilingualism, 2021, 24, 807-812.	1.3	5
56	The effect of decay and lexical uncertainty on processing long-distance dependencies in reading. PeerJ, 2020, 8, e10438.	2.0	4
57	Data assimilation in dynamical cognitive science. Trends in Cognitive Sciences, 2022, 26, 99-102.	7.8	4
58	Sample Size Determination for Bayesian Hierarchical Models Commonly Used in Psycholinguistics. Computational Brain & Behavior, 0, , 1.	1.7	4
59	Antecedent access mechanisms in pronoun processing: evidence from the N400. Language, Cognition and Neuroscience, 2019, 34, 641-661.	1.2	3
60	The interaction of grammatically distinct agreement dependencies in predictive processing. Language, Cognition and Neuroscience, 2021, 36, 1159-1179.	1.2	3
61	Overt language production of German past participles: investigating (ir-)regularity. Language, Cognition and Neuroscience, 2019, 34, 289-308.	1.2	1
62	Discriminative Viewer Identification using Generative Models of Eye Gaze. Procedia Computer Science, 2020, 176, 1348-1357.	2.0	1
63	Does Local Coherence Lead to Targeted Regressions and Illusions of Grammaticality?. Open Mind, 2021, 5, 1-17.	1.7	1
64	An Extension of the Core Model: Modelling the Interaction of Eye-Movement Control and Parsing. , 2021, , 116-139.		0
65	Dependencies in Sentence Comprehension. , 2021, , 21-48.		0
66	Reanalysis and Underspecification in Sentence Comprehension: Modelling Eye Movements. , 2021, , 140-160.		0
67	The Core ACT-R-Based Model of Retrieval Processes. , 2021, , 49-70.		0
68	Modelling Sentence Comprehension Deficits in Aphasia. , 2021, , 178-199.		0
69	An Extension of the Core Model: Modelling Prominence and Multi-associative Cues. , 2021, , 71-115.		0
70	Competing Accounts of Interference in Sentence Processing. , 2021, , 161-177.		0
71	The posterior probability of a null hypothesis given a statistically significant result. The Quantitative Methods for Psychology, 2022, 18, 130-99.	0.9	0