

Stefan L Frank

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5758591/publications.pdf>

Version: 2024-02-01

35
papers

1,491
citations

471509

17
h-index

414414

32
g-index

52
all docs

52
docs citations

52
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Is structural priming between different languages a learning effect? Modelling priming as error-driven implicit learning. <i>Language, Cognition and Neuroscience</i> , 2023, 38, 537-557.	1.2	6
2	Unsupervised Text Segmentation Predicts Eye Fixations During Reading. <i>Frontiers in Artificial Intelligence</i> , 2022, 5, 731615.	3.4	3
3	Toward Computational Models of Multilingual Sentence Processing. <i>Language Learning</i> , 2021, 71, 193-218.	2.7	3
4	Modeling the auxiliary phrase asymmetry in code-switched Spanishâ€“English. <i>Bilingualism</i> , 2021, 24, 271-280.	1.3	4
5	Simulating Code-switching Using a Neural Network Model of Bilingual Sentence Production. <i>Computational Brain & Behavior</i> , 2021, 4, 87-100.	1.7	6
6	The male bias of a generically-intended masculine pronoun: Evidence from eye-tracking and sentence evaluation. <i>PLoS ONE</i> , 2021, 16, e0249309.	2.5	6
7	The missing-VP effect in readers of English as a second language. <i>Memory and Cognition</i> , 2021, 49, 1204-1219.	1.6	1
8	Learning semantic sentence representations from visually grounded language without lexical knowledge. <i>Natural Language Engineering</i> , 2019, 25, 451-466.	2.5	6
9	Evaluating information-theoretic measures of word prediction in naturalistic sentence reading. <i>Neuropsychologia</i> , 2019, 134, 107198.	1.6	31
10	Judgements about double-embedded relative clauses differ between languages. <i>Psychological Research</i> , 2019, 83, 1581-1593.	1.7	10
11	Simulating. , 2019, , .		2
12	Hierarchical and sequential processing of language. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 1213-1218.	1.2	39
13	Lexical representation explains cortical entrainment during speech comprehension. <i>PLoS ONE</i> , 2018, 13, e0197304.	2.5	31
14	Probabilistic language models in cognitive neuroscience: Promises and pitfalls. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 579-588.	6.1	38
15	Word predictability and semantic similarity show distinct patterns of brain activity during language comprehension. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 1192-1203.	1.2	74
16	Using stochastic language models (SLM) to map lexical, syntactic, and phonological information processing in the brain. <i>PLoS ONE</i> , 2017, 12, e0177794.	2.5	54
17	Reservoir computing and the Sooner-is-Better bottleneck. <i>Behavioral and Brain Sciences</i> , 2016, 39, e73.	0.7	0
18	Crossâ€“Linguistic Differences in Processing Doubleâ€“Embedded Relative Clauses: Workingâ€“Memory Constraints or Language Statistics?. <i>Cognitive Science</i> , 2016, 40, 554-578.	1.7	51

#	ARTICLE	IF	CITATIONS
19	Prediction During Natural Language Comprehension. <i>Cerebral Cortex</i> , 2016, 26, 2506-2516.	2.9	186
20	The ERP response to the amount of information conveyed by words in sentences. <i>Brain and Language</i> , 2015, 140, 1-11.	1.6	228
21	Reconciling Embodied and Distributional Accounts of Meaning in Language. <i>Topics in Cognitive Science</i> , 2014, 6, 359-370.	1.9	76
22	Reading time data for evaluating broad-coverage models of English sentence processing. <i>Behavior Research Methods</i> , 2013, 45, 1182-1190.	4.0	41
23	Uncertainty Reduction as a Measure of Cognitive Load in Sentence Comprehension. <i>Topics in Cognitive Science</i> , 2013, 5, 475-494.	1.9	97
24	How hierarchical is language use?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4522-4531.	2.6	150
25	Sentence Comprehension as Mental Simulation: An Information-Theoretic Perspective. <i>Information (Switzerland)</i> , 2011, 2, 672-696.	2.9	15
26	Insensitivity of the Human Sentence-Processing System to Hierarchical Structure. <i>Psychological Science</i> , 2011, 22, 829-834.	3.3	154
27	Sentence-processing in echo state networks: a qualitative analysis by finite state machine extraction. <i>Connection Science</i> , 2010, 22, 135-155.	3.0	3
28	Connectionist semantic systematicity. <i>Cognition</i> , 2009, 110, 358-379.	2.2	59
29	World Knowledge in Computational Models of Discourse Comprehension. <i>Discourse Processes</i> , 2008, 45, 429-463.	1.8	11
30	Automated Abstraction of Dynamic Neural Systems for Natural Language Processing. <i>Neural Networks (IJCNN), International Joint Conference on</i> , 2007, , .	0.0	0
31	Coherence-driven resolution of referential ambiguity: A computational model. <i>Memory and Cognition</i> , 2007, 35, 1307-1322.	1.6	8
32	Learn more by training less: systematicity in sentence processing by recurrent networks. <i>Connection Science</i> , 2006, 18, 287-302.	3.0	24
33	Strong Systematicity in Sentence Processing by an Echo State Network. <i>Lecture Notes in Computer Science</i> , 2006, , 505-514.	1.3	11
34	Predicting Without Modeling: A Critique of Trabasso and Bartolone (2003).. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2005, 31, 374-377.	0.9	1
35	Modeling knowledge-based inferences in story comprehension. <i>Cognitive Science</i> , 2003, 27, 875-910.	1.7	39