

# Sean Roberts

## List of Publications by Year in descending order

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83  
papers

3,006  
citations

218592

26  
h-index

182361

51  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptive and expressive language ability differentially support symbolic understanding over time: Picture comprehension in late talking and typically developing children. <i>Journal of Experimental Child Psychology</i> , 2022, 214, 105305.	0.7	9
2	Selecting educational apps for preschool children: How useful are website app rating systems?. <i>British Journal of Educational Technology</i> , 2022, 53, 1262-1282.	3.9	7
3	Language in educational apps for pre-schoolers. A comparison of grammatical constructions and psycholinguistic features in apps, books and child directed speech. <i>Journal of Child Language</i> , 2022, , 1-27.	0.8	0
4	Learning vocabulary and grammar from cross-situational statistics. <i>Cognition</i> , 2021, 206, 104475.	1.1	16
5	Developing evaluation tools for assessing the educational potential of apps for preschool children in the UK. <i>Journal of Children and Media</i> , 2021, 15, 410-430.	1.0	16
6	Prestige and content biases together shape the cultural transmission of narratives. <i>Evolutionary Human Sciences</i> , 2021, 3, .	0.9	10
7	The role of chronotype and reward processing in understanding social hierarchies in adolescence. <i>Brain and Behavior</i> , 2021, 11, e02090.	1.0	7
8	Iconicity and Diachronic Language Change. <i>Cognitive Science</i> , 2021, 45, e12968.	0.8	6
9	Language in Economics and Accounting Research: The Role of Linguistic History. <i>International Journal of Accounting</i> , 2021, 56, .	0.9	9
10	Exploring Variation Between Artificial Grammar Learning Experiments: Outlining a Meta-Analysis Approach. <i>Topics in Cognitive Science</i> , 2020, 12, 875-893.	1.1	4
11	The relationships between oral language and reading instruction: Evidence from a computational model of reading. <i>Cognitive Psychology</i> , 2020, 123, 101336.	0.9	9
12	Cultural influences on word meanings revealed through large-scale semantic alignment. <i>Nature Human Behaviour</i> , 2020, 4, 1029-1038.	6.2	50
13	Multimodality and the origin of a novel communication system in face-to-face interaction. <i>Royal Society Open Science</i> , 2020, 7, 182056.	1.1	20
14	Comparing cross-situational word learning, retention, and generalisation in children with autism and typical development. <i>Cognition</i> , 2020, 200, 104265.	1.1	23
15	CHIELD: the causal hypotheses in evolutionary linguistics database. <i>Journal of Language Evolution</i> , 2020, 5, 101-120.	2.2	15
16	Exploring the history of pronouns in South America with computer-assisted methods. <i>Journal of Language Evolution</i> , 2020, 5, 54-74.	2.2	2
17	Do sound symbolism effects for written words relate to individual phonemes or to phoneme features?. <i>Language and Cognition</i> , 2019, 11, 235-255.	0.2	15
18	Editors'™ Introduction: Aligning Implicit Learning and Statistical Learning: Two Approaches, One Phenomenon. <i>Topics in Cognitive Science</i> , 2019, 11, 459-467.	1.1	6

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19	A Single Paradigm for Implicit and Statistical Learning. <i>Topics in Cognitive Science</i> , 2019, 11, 536-554.	1.1	12
20	Errata for Roberts & Verhoef (2016). <i>Journal of Language Evolution</i> , 2019, 4, 140-141.	2.2	1
21	Investigating the relationship between fast mapping, retention, and generalisation of words in children with autism spectrum disorder and typical development. <i>Cognition</i> , 2019, 187, 126-138.	1.1	18
22	Cognitive influences in language evolution: Psycholinguistic predictors of loan word borrowing. <i>Cognition</i> , 2019, 186, 147-158.	1.1	15
23	Quantity and Diversity of Preliteracy Language Exposure Both Affect Literacy Development: Evidence from a Computational Model of Reading. <i>Scientific Studies of Reading</i> , 2019, 23, 235-253.	1.3	16
24	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.	0.7	9
25	The Interactive Origin of Iconicity. <i>Cognitive Science</i> , 2018, 42, 334-349.	0.8	18
26	Investigating the association between children's screen media exposure and vocabulary size in the UK. <i>Journal of Children and Media</i> , 2018, 12, 51-65.	1.0	60
27	The Changing Role of Sound-Symbolism for Small Versus Large Vocabularies. <i>Cognitive Science</i> , 2018, 42, 578-590.	0.8	8
28	Differential coding of perception in the world's languages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11369-11376.	3.3	150
29	Robust, Causal, and Incremental Approaches to Investigating Linguistic Adaptation. <i>Frontiers in Psychology</i> , 2018, 9, 166.	1.1	24
30	What are the social, economic and ecological conditions for the evolution of complex communication systems?. <i>Physics of Life Reviews</i> , 2018, 26-27, 152-154.	1.5	1
31	Hemispheric processing of memory is affected by sleep. <i>Brain and Language</i> , 2017, 167, 36-43.	0.8	6
32	A case for systematic sound symbolism in pragmatics: Universals in wh-words. <i>Journal of Pragmatics</i> , 2017, 116, 1-20.	0.8	8
33	Canalization of Language Structure From Environmental Constraints: A Computational Model of Word Learning From Multiple Cues. <i>Topics in Cognitive Science</i> , 2017, 9, 21-34.	1.1	16
34	Combining Language Corpora With Experimental and Computational Approaches for Language Acquisition Research. <i>Language Learning</i> , 2017, 67, 14-39.	1.4	29
35	Conversation, cognition and cultural evolution. <i>Interaction Studies</i> , 2017, 18, 402-442.	0.4	10
36	Developmental psycholinguistics teaches us that we need multi-method, not single-method, approaches to the study of linguistic representation. <i>Behavioral and Brain Sciences</i> , 2017, 40, e308.	0.4	0

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37	Lateralised sleep spindles relate to false memory generation. <i>Neuropsychologia</i> , 2017, 107, 60-67.	0.7	14
38	Why are some languages confused for others? Investigating data from the Great Language Game. <i>PLoS ONE</i> , 2017, 12, e0165934.	1.1	7
39	Sleep-Driven Computations in Speech Processing. <i>PLoS ONE</i> , 2017, 12, e0169538.	1.1	11
40	Implementing the "Simple" Model of Reading Deficits: A Connectionist Investigation of Interactivity. , 2016, , .		0
41	Complex Word Recognition Behaviour Emerges from the Richness of the Word Learning Environment. , 2016, , .		1
42	Language evolution and climate: the case of desiccation and tone. <i>Journal of Language Evolution</i> , 2016, 1, 33-46.	2.2	59
43	Flexible Use of Mutual Exclusivity in Word Learning. <i>Language Learning and Development</i> , 2016, 12, 79-91.	0.7	9
44	Simultaneous segmentation and generalisation of non-adjacent dependencies from continuous speech. <i>Cognition</i> , 2016, 147, 70-74.	1.1	63
45	Double-blind reviewing at EvoLang 11 reveals gender bias. <i>Journal of Language Evolution</i> , 2016, 1, 163-167.	0.4	50
46	Gavagai Is as Gavagai Does: Learning Nouns and Verbs From Cross-Situational Statistics. <i>Cognitive Science</i> , 2015, 39, 1099-1112.	0.8	29
47	Future Tense and Economic Decisions: Controlling for Cultural Evolution. <i>PLoS ONE</i> , 2015, 10, e0132145.	1.1	79
48	The effects of processing and sequence organization on the timing of turn taking: a corpus study. <i>Frontiers in Psychology</i> , 2015, 6, 509.	1.1	59
49	Commentary: Large-scale psychological differences within China explained by rice vs. wheat agriculture. <i>Frontiers in Psychology</i> , 2015, 6, 950.	1.1	4
50	Correlational Studies in Typological and Historical Linguistics. <i>Annual Review of Linguistics</i> , 2015, 1, 221-241.	1.2	65
51	Climate, vocal folds, and tonal languages: Connecting the physiological and geographic dots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1322-1327.	3.3	127
52	Sleep promotes analogical transfer in problem solving. <i>Cognition</i> , 2015, 143, 25-30.	1.1	41
53	The effects of linguistic experience on the flexible use of mutual exclusivity in word learning. <i>Bilingualism</i> , 2015, 18, 626-638.	1.0	68
54	Arbitrariness, Iconicity, and Systematicity in Language. <i>Trends in Cognitive Sciences</i> , 2015, 19, 603-615.	4.0	384

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55	How Word Meaning Influences Word Reading. <i>Current Directions in Psychological Science</i> , 2015, 24, 322-328.	2.8	45
56	Universal Principles in the Repair of Communication Problems. <i>PLoS ONE</i> , 2015, 10, e0136100.	1.1	206
57	How arbitrary is language?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130299.	1.8	158
58	Literacy effects on language and vision: Emergent effects from an amodal shared resource (ASR) computational model. <i>Cognitive Psychology</i> , 2014, 75, 28-54.	0.9	14
59	Age of acquisition predicts rate of lexical evolution. <i>Cognition</i> , 2014, 133, 530-534.	1.1	23
60	DETECTING DIFFERENCES BETWEEN THE LANGUAGES OF NEANDERTALS AND MODERN HUMANS. , 2014, , .		0
61	SOCIAL INTERACTION INFLUENCES THE EVOLUTION OF COGNITIVE BIASES FOR LANGUAGE. , 2014, , .		2
62	Sleep on it, but only if it is difficult: Effects of sleep on problem solving. <i>Memory and Cognition</i> , 2013, 41, 159-166.	0.9	85
63	Disambiguating durational cues for speech segmentation. <i>Journal of the Acoustical Society of America</i> , 2013, 134, EL45-EL51.	0.5	10
64	Linguistic Diversity and Traffic Accidents: Lessons from Statistical Studies of Cultural Traits. <i>PLoS ONE</i> , 2013, 8, e70902.	1.1	107
65	The role of sound symbolism in language learning.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 1152-1164.	0.7	71
66	Social Structure and Language Structure: the New Nomothetic Approach. <i>Psychology of Language and Communication</i> , 2012, 16, 89-112.	0.2	33
67	Integrating constraints for learning wordâ€“referent mappings. <i>Cognition</i> , 2012, 123, 133-143.	1.1	29
68	The arbitrariness of the sign: Learning advantages from the structure of the vocabulary.. <i>Journal of Experimental Psychology: General</i> , 2011, 140, 325-347.	1.5	86
69	WHAT ARE THE FUNCTIONAL UNITS IN READING? EVIDENCE FOR STATISTICAL VARIATION INFLUENCING WORD PROCESSING. , 2011, , .		1
70	Learning grammatical categories from distributional cues: Flexible frames for language acquisition. <i>Cognition</i> , 2010, 116, 341-360.	1.1	46
71	Modeling reading development: Cumulative, incremental learning in a computational model of word naming. <i>Journal of Memory and Language</i> , 2010, 63, 506-525.	1.1	66
72	Words in puddles of sound: modelling psycholinguistic effects in speech segmentation. <i>Journal of Child Language</i> , 2010, 37, 545-564.	0.8	88

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73	Discovering large grain sizes in a transparent orthography: Insights from a connectionist model of Italian word naming. <i>European Journal of Cognitive Psychology</i> , 2010, 22, 813-835.	1.3	28
74	BALANCING ARBITRARINESS AND SYSTEMATICITY IN LANGUAGE EVOLUTION. , 2010, , .		1
75	Probabilistic Cues to Grammatical Category in English Orthography and Their Influence During Reading. <i>Scientific Studies of Reading</i> , 2009, 13, 73-93.	1.3	20
76	A CONNECTIONIST MODEL OF READING FOR ITALIAN. , 2009, , .		0
77	MODELLING SENSORY INTEGRATION AND EMBODIED COGNITION IN A MODEL OF WORD RECOGNITION. , 2009, , .		3
78	The effect of repetition and similarity on sequence learning. <i>Memory and Cognition</i> , 2008, 36, 1509-1514.	0.9	9
79	Hemispheric dissociation and dyslexia in a computational model of reading. <i>Brain and Language</i> , 2008, 107, 185-193.	0.8	13
80	GRAIN SIZE EFFECTS IN READING: INSIGHTS FROM CONNECTIONIST MODELS OF IMPAIRED READING. , 2008, , .		0
81	The phonological-distributional coherence hypothesis: Cross-linguistic evidence in language acquisition. <i>Cognitive Psychology</i> , 2007, 55, 259-305.	0.9	163
82	ICONIC VERSUS ARBITRARY MAPPINGS AND THE CULTURAL TRANSMISSION OF LANGUAGE. , 2006, , .		0
83	Double-blind reviewing and gender biases at EvoLang conferences: An update. <i>Journal of Language Evolution</i> , 0, , .	2.2	2