

Kenny Smith

List of Publications by Year in descending order

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93
papers

3,862
citations

159525

30
h-index

133188

59
g-index

127
all docs

127
docs citations

127
times ranked

1803
citing authors

#	ARTICLE	IF	CITATIONS
1	Cumulative cultural evolution in the laboratory: An experimental approach to the origins of structure in human language. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10681-10686.	3.3	620
2	Compression and communication in the cultural evolution of linguistic structure. <i>Cognition</i> , 2015, 141, 87-102.	1.1	306
3	Iterated Learning: A Framework for the Emergence of Language. <i>Artificial Life</i> , 2003, 9, 371-386.	1.0	240
4	Iterated learning and the evolution of language. <i>Current Opinion in Neurobiology</i> , 2014, 28, 108-114.	2.0	176
5	Eliminating unpredictable variation through iterated learning. <i>Cognition</i> , 2010, 116, 444-449.	1.1	150
6	Cultural evolution: implications for understanding the human language faculty and its evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3591-3603.	1.8	130
7	Auditory Artificial Grammar Learning in Macaque and Marmoset Monkeys. <i>Journal of Neuroscience</i> , 2013, 33, 18825-18835.	1.7	121
8	Cross-situational Learning: An Experimental Study of Word Learning Mechanisms. <i>Cognitive Science</i> , 2011, 35, 480-498.	0.8	111
9	Auditory sequence processing reveals evolutionarily conserved regions of frontal cortex in macaques and humans. <i>Nature Communications</i> , 2015, 6, 8901.	5.8	99
10	Language as an evolutionary system. <i>Physics of Life Reviews</i> , 2005, 2, 177-226.	1.5	94
11	Investigating the Mechanisms of Cultural Acquisition. <i>Social Psychology</i> , 2012, 43, 185-195.	0.3	93
12	COMPLEX SYSTEMS IN LANGUAGE EVOLUTION: THE CULTURAL EMERGENCE OF COMPOSITIONAL STRUCTURE. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2003, 06, 537-558.	0.9	92
13	Culture shapes the evolution of cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4530-4535.	3.3	89
14	The evolution of vocabulary. <i>Journal of Theoretical Biology</i> , 2004, 228, 127-142.	0.8	88
15	From UG to Universals. <i>Studies in Language</i> , 2004, 28, 587-607.	0.2	87
16	Cultural evolution of systematically structured behaviour in a non-human primate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141541.	1.2	82
17	Zipf's Law of Abbreviation and the Principle of Least Effort: Language users optimise a miniature lexicon for efficient communication. <i>Cognition</i> , 2017, 165, 45-52.	1.1	76
18	Learning Times for Large Lexicons Through Cross-situational Learning. <i>Cognitive Science</i> , 2010, 34, 620-642.	0.8	61

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19	Cultural Evolution and Perpetuation of Arbitrary Communicative Conventions in Experimental Microsocieties. <i>PLoS ONE</i> , 2012, 7, e43807.	1.1	55
20	Languages adapt to their contextual niche. <i>Language and Cognition</i> , 2015, 7, 415-449.	0.2	51
21	Acquiring variation in an artificial language: Children and adults are sensitive to socially conditioned linguistic variation. <i>Cognitive Psychology</i> , 2017, 94, 85-114.	0.9	47
22	Mixed-complexity artificial grammar learning in humans and macaque monkeys: evaluating learning strategies. <i>European Journal of Neuroscience</i> , 2015, 41, 568-578.	1.2	45
23	Evolving artificial sign languages in the lab: From improvised gesture to systematic sign. <i>Cognition</i> , 2019, 192, 103964.	1.1	44
24	Structural priming in artificial languages and the regularisation of unpredictable variation. <i>Journal of Memory and Language</i> , 2016, 91, 158-180.	1.1	42
25	Language learning, language use and the evolution of linguistic variation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160051.	1.8	41
26	The Spontaneous Formation of Stereotypes via Cumulative Cultural Evolution. <i>Psychological Science</i> , 2014, 25, 1777-1786.	1.8	39
27	Word Meanings Evolve to Selectively Preserve Distinctions on Salient Dimensions. <i>Cognitive Science</i> , 2015, 39, 212-226.	0.8	38
28	Competition between phonological and semantic cues in noun class learning. <i>Journal of Memory and Language</i> , 2017, 92, 343-358.	1.1	35
29	The Cultural Evolution of Structured Languages in an Open-Ended, Continuous World. <i>Cognitive Science</i> , 2017, 41, 892-923.	0.8	33
30	The cultural evolution of communication in a population of neural networks. <i>Connection Science</i> , 2002, 14, 65-84.	1.8	30
31	Contextual predictability shapes signal autonomy. <i>Cognition</i> , 2018, 176, 15-30.	1.1	30
32	The cognitive roots of regularization in language. <i>Cognition</i> , 2019, 184, 53-68.	1.1	29
33	Introduction. Cultural transmission and the evolution of human behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3469-3476.	1.8	27
34	Minimal Requirements for the Emergence of Learned Signaling. <i>Cognitive Science</i> , 2017, 41, 623-658.	0.8	27
35	Adult Learning and Language Simplification. <i>Cognitive Science</i> , 2018, 42, 2818-2854.	0.8	26
36	Cross-Situational Learning: A Mathematical Approach. <i>Lecture Notes in Computer Science</i> , 2006, , 31-44.	1.0	25

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37	Simplicity and informativeness in semantic category systems. <i>Cognition</i> , 2020, 202, 104289.	1.1	24
38	High-fidelity copying is not necessarily the key to cumulative cultural evolution: a study in monkeys and children. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190729.	1.2	23
39	Learning Bias, Cultural Evolution of Language, and the Biological Evolution of the Language Faculty. <i>Human Biology</i> , 2011, 83, 261-278.	0.4	22
40	Perspective-taking is spontaneous but not automatic. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 1605-1628.	0.6	18
41	Speaker Input Variability Does Not Explain Why Larger Populations Have Simpler Languages. <i>PLoS ONE</i> , 2015, 10, e0129463.	1.1	18
42	Is a holistic protolanguage a plausible precursor to language?. <i>Interaction Studies</i> , 2008, 9, 1-17.	0.4	17
43	Stochastic Dynamics of Lexicon Learning in an Uncertain and Nonuniform World. <i>Physical Review Letters</i> , 2013, 110, 258701.	2.9	17
44	Children's sensitivity to phonological and semantic cues during noun class learning: Evidence for a phonological bias. <i>Language</i> , 2019, 95, 268-293.	0.3	17
45	Convergent transformation and selection in cultural evolution. <i>Evolution and Human Behavior</i> , 2018, 39, 191-202.	1.4	16
46	Psychobiological responses to critically evaluated multitasking. <i>Neurobiology of Stress</i> , 2017, 7, 68-73.	1.9	14
47	Word learning under infinite uncertainty. <i>Cognition</i> , 2016, 151, 18-27.	1.1	13
48	THE PROTOLANGUAGE DEBATE: BRIDGING THE GAP?. , 2006, , .		12
49	From partners to populations: A hierarchical Bayesian account of coordination and convention.. <i>Psychological Review</i> , 2023, 130, 977-1016.	2.7	12
50	Communication increases category structure and alignment only when combined with cultural transmission. <i>Journal of Memory and Language</i> , 2019, 109, 104051.	1.1	11
51	How Culture and Biology Interact to Shape Language and the Language Faculty. <i>Topics in Cognitive Science</i> , 2020, 12, 690-712.	1.1	11
52	Quantifying the dynamics of topical fluctuations in language. <i>Language Dynamics and Change</i> , 2020, 10, 86-125.	0.4	11
53	Challenges in detecting evolutionary forces in language change using diachronic corpora. <i>Glossa</i> , 2020, 5, 45.	0.2	11
54	Language Evolution in Populations: Extending the Iterated Learning Model. <i>Lecture Notes in Computer Science</i> , 2003, , 507-516.	1.0	10

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55	Compositional Hierarchical Structure Evolves through Cultural Transmission: An Experimental Study. <i>Journal of Language Evolution</i> , 2019, 4, 83-107.	2.2	10
56	Social Group Effects on the Emergence of Communicative Conventions and Language Complexity. <i>Journal of Language Evolution</i> , 2019, 4, 1-18.	2.2	9
57	A computational model of the cultural co-evolution of language and mindreading. <i>Synthèse</i> , 2021, 199, 1347-1385.	0.6	9
58	The cognitive prerequisites for language: insights from iterated learning. <i>Current Opinion in Behavioral Sciences</i> , 2018, 21, 154-160.	2.0	8
59	Conceptual Similarity and Communicative Need Shape Colexification: An Experimental Study. <i>Cognitive Science</i> , 2021, 45, e13035.	0.8	7
60	How societal stereotypes might form and evolve via cumulative cultural evolution. <i>Social and Personality Psychology Compass</i> , 2017, 11, e12338.	2.0	6
61	Is Regularization Uniform across Linguistic Levels? Comparing Learning and Production of Unconditioned Probabilistic Variation in Morphology and Word Order. <i>Language Learning and Development</i> , 2021, 17, 158-188.	0.7	6
62	Subjective confidence influences word learning in a cross-situational statistical learning task. <i>Journal of Memory and Language</i> , 2021, 121, 104277.	1.1	6
63	Asymmetric accommodation during interaction leads to the regularisation of linguistic variants. <i>Journal of Memory and Language</i> , 2019, 109, 104036.	1.1	5
64	The emergence of systematic argument distinctions in artificial sign languages. <i>Journal of Language Evolution</i> , 2021, 6, 77-98.	0.4	5
65	Situated Cognition and the Role of Multi-agent Models in Explaining Language Structure. <i>Lecture Notes in Computer Science</i> , 2003, , 88-109.	1.0	5
66	Cross-Situational Learning. , 2012, , 864-866.		5
67	NATURAL SELECTION FOR COMMUNICATION FAVOURS THE CULTURAL EVOLUTION OF LINGUISTIC STRUCTURE. , 2008, , .		5
68	The Impact of Information Structure on the Emergence of Differential Object Marking: An Experimental Study. <i>Cognitive Science</i> , 2022, 46, e13119.	0.8	5
69	Interaction Promotes the Adaptation of Referential Conventions to the Communicative Context. <i>Cognitive Science</i> , 2019, 43, e12780.	0.8	4
70	The Importance of Rapid Cultural Convergence in the Evolution of Learned Symbolic Communication. <i>Lecture Notes in Computer Science</i> , 2001, , 637-640.	1.0	4
71	Effects of Priming and Audience Design on the Explicitness of Referring Expressions: Evidence From a Confederate Priming Paradigm. <i>Discourse Processes</i> , 2020, 57, 808-821.	1.1	3
72	Constituent order in silent gesture reflects the perspective of the producer. <i>Journal of Language Evolution</i> , 2021, 6, 54-76.	2.2	3

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73	REGULARIZATION IN LANGUAGE EVOLUTION: ON THE JOINT CONTRIBUTION OF DOMAIN-SPECIFIC BIASES AND DOMAIN-GENERAL FREQUENCY LEARNING. , 2014, , .		3
74	How Language Learning and Language Use Create Linguistic Structure. Current Directions in Psychological Science, 2022, 31, 177-186.	2.8	3
75	Context and Perceptual Salience Influence the Formation of Novel Stereotypes via Cumulative Cultural Evolution. Cognitive Science, 2018, 42, 186-212.	0.8	2
76	The emergence of word-internal repetition through iterated learning: Explaining the mismatch between learning biases and language design. Cognition, 2021, 210, 104585.	1.1	2
77	SOCIAL INTERACTION INFLUENCES THE EVOLUTION OF COGNITIVE BIASES FOR LANGUAGE. , 2014, , .		2
78	CO-EVOLUTION OF LANGUAGE AND SOCIAL NETWORK STRUCTURE THROUGH CULTURAL TRANSMISSION. , 2010, , .		2
79	Speakers Align With Their Partner's Overspecification During Interaction. Cognitive Science, 2021, 45, e13065.	0.8	2
80	Evolutionary perspectives on statistical learning. , 2011, , 409-432.		1
81	Language Development: Evolutionary Theories. , 2015, , 319-323.		1
82	SYSTEMS EMERGE: THE CULTURAL EVOLUTION OF INTERDEPENDENT SEQUENTIAL BEHAVIOURS IN THE LAB. , 2014, , .		1
83	Semantic cues in language learning: an artificial language study with adult and child learners. Language, Cognition and Neuroscience, 0, , 1-23.	0.7	1
84	The brain plus the cultural transmission mechanism determine the nature of language. Behavioral and Brain Sciences, 2008, 31, 533-534.	0.4	0
85	SOCIOCULTURAL DETERMINERS OF LINGUISTIC COMPLEXITY. , 2014, , .		0
86	EXPERIMENTALLY INVESTIGATING THE ROLE OF CONTEXT IN THE STRUCTURING OF THE LINGUISTIC SYSTEM OVER CULTURAL EVOLUTION. , 2014, , .		0
87	Evolution and Language: Cultural Transmission. , 2015, , 357-363.		0
88	Modeling Language Transmission. , 2021, , 5163-5168.		0
89	REGULARISATION OF UNPREDICTABLE VARIATION THROUGH ITERATED LEARNING. , 2010, , .		0
90	ITERATED LEARNING IN POPULATIONS: LEARNING AND EVOLVING EXPECTATIONS ABOUT LINGUISTIC HOMOGENEITY. , 2012, , .		0

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91	MOTIVATED VS. CONVENTIONAL SYSTEMATICITY: IMPLICATIONS FOR LANGUAGE LEARNING AND THE STRUCTURE OF THE LEXICON. , 2014, , .		0
92	MINIMAL REQUIREMENTS FOR THE EMERGENCE OF LEARNED SIGNALLING. , 2014, , .		0
93	Modeling Language Transmission. , 2016, , 1-5.		0