

Nicole Creanza

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,245
citations

471509

17
h-index

395702

33
g-index

51
all docs

51
docs citations

51
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultural evolutionary theory: How culture evolves and why it matters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7782-7789.	7.1	251
2	A comparison of worldwide phonemic and genetic variation in human populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1265-1272.	7.1	122
3	Evolution in leaps: The punctuated accumulation and loss of cultural innovations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6762-9.	7.1	111
4	Cultural Evolutionary Perspectives on Creativity and Human Innovation. <i>Trends in Ecology and Evolution</i> , 2015, 30, 736-754.	8.7	68
5	Game-Changing Innovations: How Culture Can Change the Parameters of Its Own Evolution and Induce Abrupt Cultural Shifts. <i>PLoS Computational Biology</i> , 2016, 12, e1005302.	3.2	67
6	The niche construction of cultural complexity: interactions between innovations, population size and the environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160428.	4.0	61
7	Greater than the sum of its parts? Modelling population contact and interaction of cultural repertoires. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170171.	3.4	59
8	Reconstructing human population history from dental phenotypes. <i>Scientific Reports</i> , 2017, 7, 12495.	3.3	46
9	Models of Cultural Niche Construction with Selection and Assortative Mating. <i>PLoS ONE</i> , 2012, 7, e42744.	2.5	44
10	Complexity in models of cultural niche construction with selection and homophily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10830-10837.	7.1	39
11	Cultural niche construction of repertoire size and learning strategies in songbirds. <i>Evolutionary Ecology</i> , 2016, 30, 285-305.	1.2	31
12	The role of cultural transmission in human demographic change: An age-structured model. <i>Theoretical Population Biology</i> , 2013, 88, 68-77.	1.1	29
13	Genome-scale Co-evolutionary Inference Identifies Functions and Clients of Bacterial Hsp90. <i>PLoS Genetics</i> , 2013, 9, e1003631.	3.5	27
14	Correlated evolution between repertoire size and song plasticity predicts that sexual selection on song promotes open-ended learning. <i>eLife</i> , 2019, 8, .	6.0	27
15	Geographically well-distributed citizen science data reveals range-wide variation in the chipping sparrow's simple song. <i>Animal Behaviour</i> , 2020, 161, 63-76.	1.9	23
16	Worldwide genetic and cultural change in human evolution. <i>Current Opinion in Genetics and Development</i> , 2016, 41, 85-92.	3.3	22
17	Polygyny is linked to accelerated birdsong evolution but not to larger song repertoires. <i>Nature Communications</i> , 2019, 10, 884.	12.8	22
18	Species-level repertoire size predicts a correlation between individual song elaboration and reproductive success. <i>Ecology and Evolution</i> , 2019, 9, 8362-8377.	1.9	20

#	ARTICLE	IF	CITATIONS
19	Integrative studies of cultural evolution: crossing disciplinary boundaries to produce new insights. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170048.	4.0	18
20	A worldwide view of matriliney: using cross-cultural analyses to shed light on human kinship systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180077.	4.0	17
21	The life history of learning: Demographic structure changes cultural outcomes. <i>PLoS Computational Biology</i> , 2019, 15, e1006821.	3.2	17
22	Cultural evolution and prehistoric demography. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190713.	4.0	16
23	Chipper: Open-source software for semi-automated segmentation and analysis of birdsong and other natural sounds. <i>Methods in Ecology and Evolution</i> , 2020, 11, 524-531.	5.2	12
24	Intraseasonal Dynamics and Dominant Sequences in H3N2 Influenza. <i>PLoS ONE</i> , 2010, 5, e8544.	2.5	11
25	Song learning and plasticity in songbirds. <i>Current Opinion in Neurobiology</i> , 2021, 67, 228-239.	4.2	11
26	Structure and evolution of <sc>ENTH</sc> and <sc>VHS</sc>/<sc>ENTH</sc>-like domains in tepsin. <i>Traffic</i> , 2017, 18, 590-603.	2.7	9
27	The Role of Nestling Acoustic Experience in Song Discrimination in a Sparrow. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	7
28	Bridging cultural gaps: interdisciplinary studies in human cultural evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170413.	4.0	6
29	The evolutionary advantage of cultural memory on heterogeneous contact networks. <i>Theoretical Population Biology</i> , 2019, 129, 118-125.	1.1	6
30	Linking the genomic signatures of human beat synchronization and learned song in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200329.	4.0	5
31	Using features of a Creole language to reconstruct population history and cultural evolution: tracing the English origins of Sranan. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170055.	4.0	4
32	Exploring Cultural Niche Construction from the Paleolithic to Modern Hunter-Gatherers. , 2013, , 211-228.		4
33	Are both necessity and opportunity the mothers of innovations?. <i>Behavioral and Brain Sciences</i> , 2019, 42, e199.	0.7	3
34	Constrained Agency while Negotiating Spanish Colonialism: A Bioarchaeological, Isotopic, and Ancient DNA Study of the Vinchos Cave Mummies, Ayacucho, Peru. <i>Bioarchaeology International</i> , 2019, 3, 186-216.	0.5	3
35	Modeling how population size drives the evolution of birdsong, a functional cultural trait. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1139-1152.	2.3	2
36	Some topics in theoretical population genetics: Editorial commentaries on a selection of Marc Feldman's TPB papers. <i>Theoretical Population Biology</i> , 2019, 129, 4-8.	1.1	1

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37	Predicting societal-level cultural change. <i>Nature Human Behaviour</i> , 2018, 2, 538-539.	12.0	0
38	Food-seeking behavior has complex evolutionary pressures in songbirds: Linking parental foraging to offspring sexual selection. <i>Behavioral and Brain Sciences</i> , 2019, 42, e52.	0.7	0
39	Detecting diel patterns in the songs of Chipping Sparrows using citizen science data. <i>Journal of Field Ornithology</i> , 2020, 91, 263-274.	0.5	0
40	Functional and evolutionary parallels between birdsong and human musicality. <i>Behavioral and Brain Sciences</i> , 2021, 44, e112.	0.7	0
41	The Role of the Learner in the Cultural Evolution of Vocalizations. <i>Frontiers in Psychology</i> , 2021, 12, 667455.	2.1	0
42	The English Words in Sranan. , 2019, , 52-63.		0