

Maxime Derex

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3119647/publications.pdf>

Version: 2024-02-01

20
papers

1,000
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evidence for the influence of group size on cultural complexity. <i>Nature</i> , 2013, 503, 389-391.	27.8	245
2	Partial connectivity increases cultural accumulation within groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2982-2987.	7.1	177
3	Understanding cumulative cultural evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6724-E6725.	7.1	124
4	Divide and conquer: intermediate levels of population fragmentation maximize cultural accumulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170062.	4.0	78
5	The foundations of the human cultural niche. <i>Nature Communications</i> , 2015, 6, 8398.	12.8	63
6	Causal understanding is not necessary for the improvement of culturally evolving technology. <i>Nature Human Behaviour</i> , 2019, 3, 446-452.	12.0	60
7	Cumulative Cultural Evolution within Evolving Population Structures. <i>Trends in Cognitive Sciences</i> , 2020, 24, 654-667.	7.8	57
8	Support for a role of colour vision in mate choice in the nocturnal European treefrog (<i>Hyla arborea</i>). <i>Behaviour</i> , 2010, 147, 1753-1768.	0.8	41
9	How does competition affect the transmission of information?. <i>Evolution and Human Behavior</i> , 2014, 35, 89-95.	2.2	41
10	SOCIAL LEARNERS REQUIRE PROCESS INFORMATION TO OUTPERFORM INDIVIDUAL LEARNERS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 688-697.	2.3	35
11	Human cumulative culture and the exploitation of natural phenomena. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200311.	4.0	18
12	Beyond social learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200050.	4.0	16
13	Social learning and the replication process: an experimental investigation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150719.	2.6	15
14	Understanding hunter-gatherer cultural evolution needs network thinking. <i>Trends in Ecology and Evolution</i> , 2022, 37, 632-636.	8.7	8
15	Social information can potentiate understanding despite inhibiting cognitive effort. <i>Scientific Reports</i> , 2018, 8, 9980.	3.3	6
16	Competition for novelty reduces information sampling in a research game - a registered report. <i>Royal Society Open Science</i> , 2019, 6, 180934.	2.4	6
17	Derex et al. reply. <i>Nature</i> , 2014, 511, E2-E2.	27.8	4
18	Convergence of knowledge in a stochastic cultural evolution model with population structure, social learning and credibility biases. <i>Mathematical Models and Methods in Applied Sciences</i> , 2020, 30, 2691-2723.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Support for a role of colour vision in mate choice in the nocturnal European treefrog (<i>Hyla arborea</i>). <i>Behaviour</i> , 2011, 148, 403-404.	0.8	2
20	Technical reasoning alone does not take humans this far. <i>Behavioral and Brain Sciences</i> , 2020, 43, e162.	0.7	1