G Sander van Doorn

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4647241/publications.pdf Version: 2024-02-01

201674 361022 4,995 36 27 citations h-index g-index papers

36	36	36	5214
all docs	docs citations	times ranked	citing authors

35

#	Article	IF	CITATIONS
1	Selection for rapid uptake of scarce or fluctuating resource explains vulnerability of glycolysis to imbalance. PLoS Computational Biology, 2021, 17, e1008547.	3.2	2
2	Wide lag time distributions break a trade-off between reproduction and survival in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18729-18736.	7.1	72
3	The impact of failure: unsuccessful bacterial invasions steer the soil microbial community away from the invader's niche. ISME Journal, 2018, 12, 728-741.	9.8	165
4	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. American Naturalist, 2018, 191, 1-20.	2.1	169
5	Alternative male morphs solve sperm performance/longevity trade-off in opposite directions. Science Advances, 2018, 4, eaap8563.	10.3	29
6	Reconstructing the genotype-to-fitness map for the bacterial chemotaxis network and its emergent behavioural phenotypes. Journal of Theoretical Biology, 2017, 420, 200-212.	1.7	0
7	Lifespan divergence between social insect castes: challenges and opportunities for evolutionary theories of aging. Current Opinion in Insect Science, 2016, 16, 76-80.	4.4	33
8	Contrasting effects of intralocus sexual conflict on sexually antagonistic coevolution. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E978-86.	7.1	36
9	Evolutionary Transitions between Sex-Determining Mechanisms: A Review of Theory. Sexual Development, 2014, 8, 7-19.	2.0	38
10	Patterns and Mechanisms of Evolutionary Transitions between Genetic Sex-Determining Systems. Cold Spring Harbor Perspectives in Biology, 2014, 6, a017681-a017681.	5.5	28
11	Coaction versus reciprocity in continuous-time models of cooperation. Journal of Theoretical Biology, 2014, 356, 1-10.	1.7	23
12	The Evolution of Age-Dependent Plasticity. American Naturalist, 2014, 183, 108-125.	2.1	96
13	Hybridization may rarely promote speciation. Journal of Evolutionary Biology, 2013, 26, 282-285.	1.7	40
14	Magic traits, pleiotropy and effect sizes: a response to Haller et al Trends in Ecology and Evolution, 2012, 27, 5-6.	8.7	3
15	Environmentâ€dependent selection on mate choice in a natural population of birds. Ecology Letters, 2012, 15, 611-618.	6.4	59
16	THE EVOLUTION OF GENERALIZED RECIPROCITY ON SOCIAL INTERACTION NETWORKS. Evolution; International Journal of Organic Evolution, 2012, 66, 651-664.	2.3	71
17	Magic traits in speciation: $\hat{a} \in \tilde{a}$ magic $\hat{a} \in \mathbb{N}$ but not rare?. Trends in Ecology and Evolution, 2011, 26, 389-397.	8.7	521
18	Adaptive speciation theory: a conceptual review. Behavioral Ecology and Sociobiology, 2011, 65, 461-480	1.4	127

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19	On the coevolution of social responsiveness and behavioural consistency. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 440-448.	2.6	168
20	Transitions Between Male and Female Heterogamety Caused by Sex-Antagonistic Selection. Genetics, 2010, 186, 629-645.	2.9	166
21	Intralocus Sexual Conflict. Annals of the New York Academy of Sciences, 2009, 1168, 52-71.	3.8	156
22	On the Origin of Species by Natural and Sexual Selection. Science, 2009, 326, 1704-1707.	12.6	283
23	Wolf et al. reply. Nature, 2008, 451, E9-E10.	27.8	12
24	Evolutionary emergence of responsive and unresponsive personalities. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15825-15830.	7.1	480
25	Life-history trade-offs favour the evolution of animal personalities. Nature, 2007, 447, 581-584.	27.8	1,245
26	Turnover of sex chromosomes induced by sexual conflict. Nature, 2007, 449, 909-912.	27.8	339
27	Wolf et al. reply. Nature, 2007, 450, E5-E6.	27.8	23
28	Sexual Conflict and the Evolution of Female Preferences for Indicators of Male Quality. American Naturalist, 2006, 168, 742-757.	2.1	44
29	THE LONG-TERM EVOLUTION OF MULTILOCUS TRAITS UNDER FREQUENCY-DEPENDENT DISRUPTIVE SELECTION. Evolution; International Journal of Organic Evolution, 2006, 60, 2226.	2.3	38
30	The Evolution of Female Preferences for Multiple Indicators of Quality. American Naturalist, 2004, 164, 173-186.	2.1	97
31	Sympatric Speciation by Sexual Selection: A Critical Reevaluation. American Naturalist, 2004, 163, 709-725.	2.1	157
32	The Evolution of Social Dominance I: Two-player Models. Behaviour, 2003, 140, 1305-1332.	0.8	31
33	The Evolution of Social Dominance II: Multi-Player Models. Behaviour, 2003, 140, 1333-1358.	0.8	50
34	Sexual selection at the protein level drives the extraordinary divergence of sex–related genes during sympatric speciation. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2155-2161.	2.6	43
35	On the stall force for growing microtubules. European Biophysics Journal, 2000, 29, 2-6.	2.2	71
36	Sympatric speciation and extinction driven by environment dependent sexual selection. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1915-1919.	2.6	80