

G Sander van Doorn

List of Publications by Year in descending order

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36
papers

4,995
citations

230014

27
h-index

406436

35
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36
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docs citations

36
times ranked

5927
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection for rapid uptake of scarce or fluctuating resource explains vulnerability of glycolysis to imbalance. <i>PLoS Computational Biology</i> , 2021, 17, e1008547.	1.5	2
2	Wide lag time distributions break a trade-off between reproduction and survival in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18729-18736.	3.3	72
3	The impact of failure: unsuccessful bacterial invasions steer the soil microbial community away from the invader's niche. <i>ISME Journal</i> , 2018, 12, 728-741.	4.4	165
4	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. <i>American Naturalist</i> , 2018, 191, 1-20.	1.0	169
5	Alternative male morphs solve sperm performance/longevity trade-off in opposite directions. <i>Science Advances</i> , 2018, 4, eaap8563.	4.7	29
6	Reconstructing the genotype-to-fitness map for the bacterial chemotaxis network and its emergent behavioural phenotypes. <i>Journal of Theoretical Biology</i> , 2017, 420, 200-212.	0.8	0
7	Lifespan divergence between social insect castes: challenges and opportunities for evolutionary theories of aging. <i>Current Opinion in Insect Science</i> , 2016, 16, 76-80.	2.2	33
8	Contrasting effects of intralocus sexual conflict on sexually antagonistic coevolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E978-86.	3.3	36
9	Evolutionary Transitions between Sex-Determining Mechanisms: A Review of Theory. <i>Sexual Development</i> , 2014, 8, 7-19.	1.1	38
10	Patterns and Mechanisms of Evolutionary Transitions between Genetic Sex-Determining Systems. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a017681-a017681.	2.3	28
11	Coaction versus reciprocity in continuous-time models of cooperation. <i>Journal of Theoretical Biology</i> , 2014, 356, 1-10.	0.8	23
12	The Evolution of Age-Dependent Plasticity. <i>American Naturalist</i> , 2014, 183, 108-125.	1.0	96
13	Hybridization may rarely promote speciation. <i>Journal of Evolutionary Biology</i> , 2013, 26, 282-285.	0.8	40
14	Magic traits, pleiotropy and effect sizes: a response to Haller et al.. <i>Trends in Ecology and Evolution</i> , 2012, 27, 5-6.	4.2	3
15	Environment-dependent selection on mate choice in a natural population of birds. <i>Ecology Letters</i> , 2012, 15, 611-618.	3.0	59
16	THE EVOLUTION OF GENERALIZED RECIPROCITY ON SOCIAL INTERACTION NETWORKS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 651-664.	1.1	71
17	Magic traits in speciation: "magic" but not rare?. <i>Trends in Ecology and Evolution</i> , 2011, 26, 389-397.	4.2	521
18	Adaptive speciation theory: a conceptual review. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 461-480.	0.6	127

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19	On the coevolution of social responsiveness and behavioural consistency. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 440-448.	1.2	168
20	Transitions Between Male and Female Heterogamety Caused by Sex-Antagonistic Selection. <i>Genetics</i> , 2010, 186, 629-645.	1.2	166
21	Intralocus Sexual Conflict. <i>Annals of the New York Academy of Sciences</i> , 2009, 1168, 52-71.	1.8	156
22	On the Origin of Species by Natural and Sexual Selection. <i>Science</i> , 2009, 326, 1704-1707.	6.0	283
23	Wolf et al. reply. <i>Nature</i> , 2008, 451, E9-E10.	13.7	12
24	Evolutionary emergence of responsive and unresponsive personalities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15825-15830.	3.3	480
25	Life-history trade-offs favour the evolution of animal personalities. <i>Nature</i> , 2007, 447, 581-584.	13.7	1,245
26	Turnover of sex chromosomes induced by sexual conflict. <i>Nature</i> , 2007, 449, 909-912.	13.7	339
27	Wolf et al. reply. <i>Nature</i> , 2007, 450, E5-E6.	13.7	23
28	Sexual Conflict and the Evolution of Female Preferences for Indicators of Male Quality. <i>American Naturalist</i> , 2006, 168, 742-757.	1.0	44
29	THE LONG-TERM EVOLUTION OF MULTILOCUS TRAITS UNDER FREQUENCY-DEPENDENT DISRUPTIVE SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2226.	1.1	38
30	The Evolution of Female Preferences for Multiple Indicators of Quality. <i>American Naturalist</i> , 2004, 164, 173-186.	1.0	97
31	Sympatric Speciation by Sexual Selection: A Critical Reevaluation. <i>American Naturalist</i> , 2004, 163, 709-725.	1.0	157
32	The Evolution of Social Dominance I: Two-player Models. <i>Behaviour</i> , 2003, 140, 1305-1332.	0.4	31
33	The Evolution of Social Dominance II: Multi-Player Models. <i>Behaviour</i> , 2003, 140, 1333-1358.	0.4	50
34	Sexual selection at the protein level drives the extraordinary divergence of sex-related genes during sympatric speciation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2155-2161.	1.2	43
35	On the stall force for growing microtubules. <i>European Biophysics Journal</i> , 2000, 29, 2-6.	1.2	71
36	Sympatric speciation and extinction driven by environment dependent sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1915-1919.	1.2	80