

# G Sander van Doorn

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

4,995  
citations

201674

27  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Life-history trade-offs favour the evolution of animal personalities. <i>Nature</i> , 2007, 447, 581-584.	27.8	1,245
2	Magic traits in speciation: "magic" but not rare?. <i>Trends in Ecology and Evolution</i> , 2011, 26, 389-397.	8.7	521
3	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.	7.1	480
4	Turnover of sex chromosomes induced by sexual conflict. <i>Nature</i> , 2007, 449, 909-912.	27.8	339
5	On the Origin of Species by Natural and Sexual Selection. <i>Science</i> , 2009, 326, 1704-1707.	12.6	283
6	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. <i>American Naturalist</i> , 2018, 191, 1-20.	2.1	169
7	On the coevolution of social responsiveness and behavioural consistency. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 440-448.	2.6	168
8	Transitions Between Male and Female Heterogamety Caused by Sex-Antagonistic Selection. <i>Genetics</i> , 2010, 186, 629-645.	2.9	166
9	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.	9.8	165
10	Sympatric Speciation by Sexual Selection: A Critical Reevaluation. <i>American Naturalist</i> , 2004, 163, 709-725.	2.1	157
11	Intralocus Sexual Conflict. <i>Annals of the New York Academy of Sciences</i> , 2009, 1168, 52-71.	3.8	156
12	Adaptive speciation theory: a conceptual review. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 461-480.	1.4	127
13	The Evolution of Female Preferences for Multiple Indicators of Quality. <i>American Naturalist</i> , 2004, 164, 173-186.	2.1	97
14	The Evolution of Age-Dependent Plasticity. <i>American Naturalist</i> , 2014, 183, 108-125.	2.1	96
15	Sympatric speciation and extinction driven by environment dependent sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1915-1919.	2.6	80
16	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.	7.1	72
17	On the stall force for growing microtubules. <i>European Biophysics Journal</i> , 2000, 29, 2-6.	2.2	71
18	THE EVOLUTION OF GENERALIZED RECIPROCITY ON SOCIAL INTERACTION NETWORKS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 651-664.	2.3	71

#	ARTICLE	IF	CITATIONS
19	Environmentâ€dependent selection on mate choice in a natural population of birds. <i>Ecology Letters</i> , 2012, 15, 611-618.	6.4	59
20	The Evolution of Social Dominance II: Multi-Player Models. <i>Behaviour</i> , 2003, 140, 1333-1358.	0.8	50
21	Sexual Conflict and the Evolution of Female Preferences for Indicators of Male Quality. <i>American Naturalist</i> , 2006, 168, 742-757.	2.1	44
22	Sexual selection at the protein level drives the extraordinary divergence of sexâ€related genes during sympatric speciation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2155-2161.	2.6	43
23	Hybridization may rarely promote speciation. <i>Journal of Evolutionary Biology</i> , 2013, 26, 282-285.	1.7	40
24	Evolutionary Transitions between Sex-Determining Mechanisms: A Review of Theory. <i>Sexual Development</i> , 2014, 8, 7-19.	2.0	38
25	THE LONG-TERM EVOLUTION OF MULTILOCUS TRAITS UNDER FREQUENCY-DEPENDENT DISRUPTIVE SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2226.	2.3	38
26	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.	7.1	36
27	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.	4.4	33
28	The Evolution of Social Dominance I: Two-player Models. <i>Behaviour</i> , 2003, 140, 1305-1332.	0.8	31
29	Alternative male morphs solve sperm performance/longevity trade-off in opposite directions. <i>Science Advances</i> , 2018, 4, eaap8563.	10.3	29
30	Patterns and Mechanisms of Evolutionary Transitions between Genetic Sex-Determining Systems. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a017681-a017681.	5.5	28
31	Wolf et al. reply. <i>Nature</i> , 2007, 450, E5-E6.	27.8	23
32	Coaction versus reciprocity in continuous-time models of cooperation. <i>Journal of Theoretical Biology</i> , 2014, 356, 1-10.	1.7	23
33	Wolf et al. reply. <i>Nature</i> , 2008, 451, E9-E10.	27.8	12
34	Magic traits, pleiotropy and effect sizes: a response to Haller et al.. <i>Trends in Ecology and Evolution</i> , 2012, 27, 5-6.	8.7	3
35	Selection for rapid uptake of scarce or fluctuating resource explains vulnerability of glycolysis to imbalance. <i>PLoS Computational Biology</i> , 2021, 17, e1008547.	3.2	2
36	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.	1.7	0