

Sergey Gavrilets

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7938215/publications.pdf>

Version: 2024-02-01

69
papers

6,736
citations

76326

40
h-index

102487

66
g-index

75
all docs

75
docs citations

75
times ranked

5721
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of germ-soma specialization under different genetic and environmental effects. <i>Journal of Theoretical Biology</i> , 2022, 534, 110964.	1.7	4
2	Inequality between identity groups and social unrest. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210725.	3.4	6
3	Disentangling the evolutionary drivers of social complexity: A comprehensive test of hypotheses. <i>Science Advances</i> , 2022, 8, .	10.3	15
4	The spread of technological innovations: effects of psychology, culture and policy interventions. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	10
5	Evolving institutions for collective action by selective imitation and self-interested design. <i>Evolution and Human Behavior</i> , 2021, 42, 1-11.	2.2	27
6	Celebrating the 150th anniversary of the <i>Descent of Man</i> . <i>Evolutionary Human Sciences</i> , 2021, 3, .	1.7	1
7	Modern theories of human evolution foreshadowed by Darwin's <i>Descent of Man</i> . <i>Science</i> , 2021, 372, .	12.6	51
8	Coevolution of actions, personal norms and beliefs about others in social dilemmas. <i>Evolutionary Human Sciences</i> , 2021, 3, .	1.7	12
9	Tempo and Mode in Cultural Macroevolution. <i>Evolutionary Psychology</i> , 2021, 19, 14747049211066600.	0.9	6
10	Cooperation, social norm internalization, and hierarchical societies. <i>Scientific Reports</i> , 2020, 10, 15359.	3.3	13
11	The multinomial index: a robust measure of reproductive skew. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202025.	2.6	19
12	On the evolution of sexual receptivity in female primates. <i>Scientific Reports</i> , 2020, 10, 11945.	3.3	5
13	The dynamics of injunctive social norms. <i>Evolutionary Human Sciences</i> , 2020, 2, .	1.7	21
14	Foresight in a Game of Leadership. <i>Scientific Reports</i> , 2020, 10, 2251.	3.3	12
15	Special issue of the <i>Journal of Mathematical Biology</i> to honor Alan Hastings's 65th birthday. <i>Journal of Mathematical Biology</i> , 2020, 80, 1-2.	1.9	0
16	Using mathematical modelling to investigate the adaptive divergence of whitefish in Fennoscandia. <i>Scientific Reports</i> , 2020, 10, 7394.	3.3	7
17	Duration of agriculture and distance from the steppe predict the evolution of large-scale human societies in Afro-Eurasia. <i>Humanities and Social Sciences Communications</i> , 2020, 7, .	2.9	13
18	Collective Action Problem in Heterogeneous Groups with Punishment and Foresight. <i>Journal of Statistical Physics</i> , 2018, 172, 293-312.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Understanding Homosexuality: Moving on from Patterns to Mechanisms. Archives of Sexual Behavior, 2018, 47, 27-31.	1.9	8
20	On the evolution of visual female sexual signalling. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172875.	2.6	12
21	Collective action and the evolution of social norm internalization. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6068-6073.	7.1	136
22	The evolution of extreme cooperation via shared dysphoric experiences. Scientific Reports, 2017, 7, 44292.	3.3	138
23	Convergence to consensus in heterogeneous groups and the emergence of informal leadership. Scientific Reports, 2016, 6, 29704.	3.3	69
24	Sexually antagonistic epigenetic marks that canalize sexually dimorphic development. Molecular Ecology, 2016, 25, 1812-1822.	3.9	22
25	Leadership in Mammalian Societies: Emergence, Distribution, Power, and Payoff. Trends in Ecology and Evolution, 2016, 31, 54-66.	8.7	113
26	Solving the puzzle of collective action through inter-individual differences. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20150002.	4.0	22
27	Collective action problem in heterogeneous groups. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20150016.	4.0	94
28	Collective action and the collaborative brain. Journal of the Royal Society Interface, 2015, 12, 20141067.	3.4	42
29	Is Sexual Conflict an "Engine of Speciation"? Cold Spring Harbor Perspectives in Biology, 2014, 6, a017723-a017723.	5.5	63
30	A solution to the collective action problem in between-group conflict with within-group inequality. Nature Communications, 2014, 5, 3526.	12.8	126
31	The genomic signature of parallel adaptation from shared genetic variation. Molecular Ecology, 2014, 23, 3944-3956.	3.9	162
32	Models of Speciation: Where Are We Now?. Journal of Heredity, 2014, 105, 743-755.	2.4	83
33	War, space, and the evolution of Old World complex societies. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16384-16389.	7.1	293
34	Evolution of mate choice and the so-called magic traits in ecological speciation. Ecology Letters, 2013, 16, 1004-1013.	6.4	87
35	On the evolutionary origins of the egalitarian syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14069-14074.	7.1	103
36	Homosexuality as a Consequence of Epigenetically Canalized Sexual Development. Quarterly Review of Biology, 2012, 87, 343-368.	0.1	95

#	ARTICLE	IF	CITATIONS
37	Human origins and the transition from promiscuity to pair-bonding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9923-9928.	7.1	133
38	Rapid Transition towards the Division of Labor via Evolution of Developmental Plasticity. PLoS Computational Biology, 2010, 6, e1000805.	3.2	79
39	CASE STUDIES AND MATHEMATICAL MODELS OF ECOLOGICAL SPECIATION. 4. HYBRID SPECIATION IN BUTTERFLIES IN A JUNGLE. Evolution; International Journal of Organic Evolution, 2009, 63, 2611-2626.	2.3	52
40	Adaptive Radiation: Contrasting Theory with Data. Science, 2009, 323, 732-737.	12.6	576
41	EFFECTS OF ENVIRONMENTAL HETEROGENEITY ON VICTIM-EXPLOITER COEVOLUTION. Evolution; International Journal of Organic Evolution, 2008, 62, 3100-3116.	2.3	30
42	Dynamics of Alliance Formation and the Egalitarian Revolution. PLoS ONE, 2008, 3, e3293.	2.5	54
43	Case studies and mathematical models of ecological speciation. 2. Palms on an oceanic island. Molecular Ecology, 2007, 16, 2910-2921.	3.9	109
44	Case studies and mathematical models of ecological speciation. 1. Cichlids in a crater lake. Molecular Ecology, 2007, 16, 2893-2909.	3.9	132
45	GENETIC DIFFERENTIATION BY SEXUAL CONFLICT. Evolution; International Journal of Organic Evolution, 2007, 61, 516-529.	2.3	71
46	MULTILOCUS GENETICS AND THE COEVOLUTION OF QUANTITATIVE TRAITS. Evolution; International Journal of Organic Evolution, 2006, 60, 1321-1336.	2.3	76
47	THE EVOLUTION OF FEMALE MATING PREFERENCES: DIFFERENTIATION FROM SPECIES WITH PROMISCUOUS MALES CAN PROMOTE SPECIATION. Evolution; International Journal of Organic Evolution, 2006, 60, 1967-1980.	2.3	82
48	The Maynard Smith model of sympatric speciation. Journal of Theoretical Biology, 2006, 239, 172-182.	1.7	31
49	Genetic models of homosexuality: generating testable predictions. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 3031-3038.	2.6	105
50	The dynamics of two- and three-way sexual conflicts over mating. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 345-354.	4.0	72
51	The dynamics of Machiavellian intelligence. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16823-16828.	7.1	74
52	Speciation and Sexual Conflict. Evolutionary Ecology, 2005, 19, 167-198.	1.2	85
53	Dynamic patterns of adaptive radiation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18040-18045.	7.1	388
54	The dynamics of evolutionary stasis. Paleobiology, 2005, 31, 133-145.	2.0	308

#	ARTICLE	IF	CITATIONS
55	PERSPECTIVE: MODELS OF SPECIATION: WHAT HAVE WE LEARNED IN 40 YEARS?. Evolution; International Journal of Organic Evolution, 2003, 57, 2197-2215.	2.3	487
56	PERSPECTIVE: MODELS OF SPECIATION: WHAT HAVE WE LEARNED IN 40 YEARS?. Evolution; International Journal of Organic Evolution, 2003, 57, 2197.	2.3	67
57	Sympatric speciation by sexual conflict. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10533-10538.	7.1	272
58	Dynamic patterns of adaptive radiation: evolution of mating preferences. , 2001, , 102-126.		13
59	The evolution of female mate choice by sexual conflict. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 531-539.	2.6	374
60	Maintenance of genetic variation in phenotypic plasticity: the role of environmental variation. Genetical Research, 2000, 76, 295-304.	0.9	46
61	Rapid evolution of reproductive barriers driven by sexual conflict. Nature, 2000, 403, 886-889.	27.8	485
62	PATTERNS OF PARAPATRIC SPECIATION. Evolution; International Journal of Organic Evolution, 2000, 54, 1126-1134.	2.3	205
63	DYNAMICS OF SPECIATION AND DIVERSIFICATION IN A METAPOPOPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 1493-1501.	2.3	37
64	Rapid parapatric speciation on holey adaptive landscapes. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1483-1489.	2.6	110
65	NEUTRAL GENE FLOW ACROSS SINGLE LOCUS CLINES. Evolution; International Journal of Organic Evolution, 1998, 52, 1277-1284.	2.3	39
66	One-Locus Two-Allele Models With Maternal (Parental) Selection. Genetics, 1998, 149, 1147-1152.	2.9	34
67	SINGLE LOCUS CLINES. Evolution; International Journal of Organic Evolution, 1997, 51, 979-983.	2.3	10
68	HYBRID ZONES WITH DOBZHANSKY-TYPE EPISTATIC SELECTION. Evolution; International Journal of Organic Evolution, 1997, 51, 1027-1035.	2.3	89
69	Coevolutionary Chase in Exploiter-Victim Systems with Polygenic Characters. Journal of Theoretical Biology, 1997, 186, 527-534.	1.7	95