

Daniel J Rankin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,300
citations

279487

23
h-index

329751

37
g-index

42
all docs

42
docs citations

42
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	Lonely hearts or sex in the city? Density-dependent effects in mating systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 319-334.	1.8	569
2	The tragedy of the commons in evolutionary biology. <i>Trends in Ecology and Evolution</i> , 2007, 22, 643-651.	4.2	370
3	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4.	13.7	339
4	What traits are carried on mobile genetic elements, and why?. <i>Heredity</i> , 2011, 106, 1-10.	1.2	266
5	Horizontal Gene Transfer of the Secretome Drives the Evolution of Bacterial Cooperation and Virulence. <i>Current Biology</i> , 2009, 19, 1683-1691.	1.8	217
6	Do males matter? The role of males in population dynamics. <i>Oikos</i> , 2007, 116, 335-348.	1.2	208
7	The evolution of punishment through reputation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 371-377.	1.2	137
8	Sexual Conflict and the Tragedy of the Commons. <i>American Naturalist</i> , 2011, 177, 780-791.	1.0	123
9	ASSORTMENT AND THE EVOLUTION OF GENERALIZED RECIPROCITY. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1913-1922.	1.1	120
10	Can adaptation lead to extinction?. <i>Oikos</i> , 2005, 111, 616-619.	1.2	105
11	The evolution of plasmid-carried antibiotic resistance. <i>BMC Evolutionary Biology</i> , 2011, 11, 130.	3.2	91
12	HORIZONTAL GENE TRANSFER AND THE EVOLUTION OF BACTERIAL COOPERATION. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 21-32.	1.1	79
13	The coevolution of cooperation and dispersal in social groups and its implications for the emergence of multicellularity. <i>BMC Evolutionary Biology</i> , 2008, 8, 238.	3.2	58
14	Interaction effects of cell diffusion, cell density and public goods properties on the evolution of cooperation in digital microbes. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1869-1877.	0.8	53
15	How populations persist when asexuality requires sex: the spatial dynamics of coping with sperm parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 817-825.	1.2	46
16	Kin selection and the evolution of sexual conflict. <i>Journal of Evolutionary Biology</i> , 2011, 24, 71-81.	0.8	45
17	Sex, death and tragedy. <i>Trends in Ecology and Evolution</i> , 2006, 21, 225-226.	4.2	42
18	HUMAN COOPERATION BASED ON PUNISHMENT REPUTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2446-2450.	1.1	39

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19	Species-level selection reduces selfishness through competitive exclusion. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1459-1468.	0.8	34
20	Resolving the tragedy of the commons: the feedback between intraspecific conflict and population density. <i>Journal of Evolutionary Biology</i> , 2007, 20, 173-180.	0.8	33
21	SEXUAL DIMORPHISM IS ASSOCIATED WITH POPULATION FITNESS IN THE SEED BEETLE <i>CALLOSOBROCHUS MACULATUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 622-630.	1.1	31
22	The interplay between relatedness and horizontal gene transfer drives the evolution of plasmid-carried public goods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130400.	1.2	31
23	How to go extinct by mating too much: population consequences of male mate choice and efficiency in a sexual–asexual species complex. <i>Oikos</i> , 2009, 118, 513-520.	1.2	29
24	Do males matter? The role of males in population dynamics. , 2007, 116, 335.		28
25	Genome size correlates with reproductive fitness in seed beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151421.	1.2	25
26	Asymmetric larval mobility and the evolutionary transition from sibicide to nonsibicidal behavior in parasitoid wasps. <i>Behavioral Ecology</i> , 2003, 14, 182-193.	1.0	24
27	Mobile DNA can drive lineage extinction in prokaryotic populations. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2422-2431.	0.8	24
28	The evolutionary significance of costly punishment is still to be demonstrated. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E135; author reply E136.	3.3	23
29	THE EVOLUTION OF CONFLICT RESOLUTION BETWEEN PLASMIDS AND THEIR BACTERIAL HOSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1662-1670.	1.1	19
30	The social side of <i>Homo economicus</i> . <i>Trends in Ecology and Evolution</i> , 2011, 26, 1-3.	4.2	18
31	The coevolution of toxin and antitoxin genes drives the dynamics of bacterial addiction complexes and intragenomic conflict. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3706-3715.	1.2	15
32	Renaissance model of an epidemic with quarantine. <i>Journal of Theoretical Biology</i> , 2013, 317, 348-358.	0.8	13
33	The evolution of judgement bias in indirect reciprocity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1339-1345.	1.2	12
34	Bacterial cooperation controlled by mobile elements: kin selection and infectivity are part of the same process. <i>Heredity</i> , 2011, 107, 279-281.	1.2	11
35	Can punishment maintain sex?. <i>Oikos</i> , 2008, 117, 173-176.	1.2	9
36	Differences in Cell Division Rates Drive the Evolution of Terminal Differentiation in Microbes. <i>PLoS Computational Biology</i> , 2012, 8, e1002468.	1.5	9

#	ARTICLE	IF	CITATIONS
37	The establishment of communication systems depends on the scale of competition. <i>Evolution and Human Behavior</i> , 2012, 33, 232-240.	1.4	4
38	Kin Selection and the Evolution of Social Information Use in Animal Conflict. <i>PLoS ONE</i> , 2012, 7, e31664.	1.1	0