

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 | 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 |
| 2 | 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 |
| 3 | Renaissance model of an epidemic with quarantine. <i>Journal of Theoretical Biology</i> , 2013, 317, 348-358. | 0.8 | 13 |
| 4 | 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 |
| 5 | HUMAN COOPERATION BASED ON PUNISHMENT REPUTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2446-2450. | 1.1 | 39 |
| 6 | Differences in Cell Division Rates Drive the Evolution of Terminal Differentiation in Microbes. <i>PLoS Computational Biology</i> , 2012, 8, e1002468. | 1.5 | 9 |
| 7 | 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 |
| 8 | The establishment of communication systems depends on the scale of competition. <i>Evolution and Human Behavior</i> , 2012, 33, 232-240. | 1.4 | 4 |
| 9 | 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 |
| 10 | Kin Selection and the Evolution of Social Information Use in Animal Conflict. <i>PLoS ONE</i> , 2012, 7, e31664. | 1.1 | 0 |
| 11 | The social side of <i>Homo economicus</i> . <i>Trends in Ecology and Evolution</i> , 2011, 26, 1-3. | 4.2 | 18 |
| 12 | Kin selection and the evolution of sexual conflict. <i>Journal of Evolutionary Biology</i> , 2011, 24, 71-81. | 0.8 | 45 |
| 13 | HORIZONTAL GENE TRANSFER AND THE EVOLUTION OF BACTERIAL COOPERATION. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 21-32. | 1.1 | 79 |
| 14 | What traits are carried on mobile genetic elements, and why?. <i>Heredity</i> , 2011, 106, 1-10. | 1.2 | 266 |
| 15 | Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4. | 13.7 | 339 |
| 16 | The evolution of punishment through reputation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 371-377. | 1.2 | 137 |
| 17 | The evolution of plasmid-carried antibiotic resistance. <i>BMC Evolutionary Biology</i> , 2011, 11, 130. | 3.2 | 91 |
| 18 | Sexual Conflict and the Tragedy of the Commons. <i>American Naturalist</i> , 2011, 177, 780-791. | 1.0 | 123 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 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 |
| 20 | Mobile DNA can drive lineage extinction in prokaryotic populations. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2422-2431. | 0.8 | 24 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | ASSORTMENT AND THE EVOLUTION OF GENERALIZED RECIPROCITY. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1913-1922. | 1.1 | 120 |
| 26 | SEXUAL DIMORPHISM IS ASSOCIATED WITH POPULATION FITNESS IN THE SEED BEETLE <i>CALLOSOPHUS MACULATUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 622-630. | 1.1 | 31 |
| 27 | 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 |
| 28 | Can punishment maintain sex?. <i>Oikos</i> , 2008, 117, 173-176. | 1.2 | 9 |
| 29 | 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 |
| 30 | The tragedy of the commons in evolutionary biology. <i>Trends in Ecology and Evolution</i> , 2007, 22, 643-651. | 4.2 | 370 |
| 31 | Do males matter? The role of males in population dynamics. <i>Oikos</i> , 2007, 116, 335-348. | 1.2 | 208 |
| 32 | 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 |
| 33 | Species-level selection reduces selfishness through competitive exclusion. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1459-1468. | 0.8 | 34 |
| 34 | Do males matter? The role of males in population dynamics. , 2007, 116, 335. | | 28 |
| 35 | 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 |
| 36 | Sex, death and tragedy. <i>Trends in Ecology and Evolution</i> , 2006, 21, 225-226. | 4.2 | 42 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Can adaptation lead to extinction?. <i>Oikos</i> , 2005, 111, 616-619. | 1.2 | 105 |
| 38 | Asymmetric larval mobility and the evolutionary transition from siblicide to nonsibicidal behavior in parasitoid wasps. <i>Behavioral Ecology</i> , 2003, 14, 182-193. | 1.0 | 24 |