

Daniel R Matute

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,654
citations

185998

28
h-index

168136

53
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84
all docs

84
docs citations

84
times ranked

4472
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread introgression across a phylogeny of 155 <i>Drosophila</i> genomes. <i>Current Biology</i> , 2022, 32, 111-123.e5.	1.8	132
2	An Indian lineage of <i>Histoplasma</i> with strong signatures of differentiation and selection. <i>Fungal Genetics and Biology</i> , 2022, 158, 103654.	0.9	5
3	Evolution: Environmental conditions determine how <i>Wolbachia</i> interacts with its host. <i>Current Biology</i> , 2022, 32, R178-R180.	1.8	0
4	Who are we now? A demographic assessment of three evolution societies. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 208-218.	1.1	15
5	Comparative studies on speciation: 30 years since Coyne and Orr. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 764-778.	1.1	48
6	Temperature-Dependent Competitive Outcomes between the Fruit Flies <i>Drosophila santomea</i> and <i>Drosophila yakuba</i> . <i>American Naturalist</i> , 2021, 197, 312-323.	1.0	14
7	Mitochondrial genomes of the human pathogens <i>Coccidioides immitis</i> and <i>Coccidioides posadasii</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	8
8	Pure species discriminate against hybrids in the <i>Drosophila melanogaster</i> species subgroup. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1753-1774.	1.1	6
9	Highly contiguous assemblies of 101 drosophilid genomes. <i>ELife</i> , 2021, 10, .	2.8	108
10	Genomic signatures of admixture and selection are shared among populations of <i>Zaprionus indianus</i> across the western hemisphere. <i>Molecular Ecology</i> , 2021, 30, 6193-6210.	2.0	4
11	P-elements strengthen reproductive isolation within the <i>Drosophila simulans</i> species complex. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2425-2440.	1.1	6
12	Genomic Diversity Analysis Reveals a Strong Population Structure in <i>Histoplasma capsulatum</i> LAmA (<i>Histoplasma suramericanum</i>). <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 865.	1.5	9
13	Rapid and Predictable Evolution of Admixed Populations Between Two <i>Drosophila</i> Species Pairs. <i>Genetics</i> , 2020, 214, 211-230.	1.2	42
14	Recurrent Collection of <i>Drosophila melanogaster</i> from Wild African Environments and Genomic Insights into Species History. <i>Molecular Biology and Evolution</i> , 2020, 37, 627-638.	3.5	56
15	A novel <i>Sporothrix brasiliensis</i> genomic variant in Midwestern Brazil: evidence for an older and wider sporotrichosis epidemic. <i>Emerging Microbes and Infections</i> , 2020, 9, 2515-2525.	3.0	21
16	Paternally Inherited P-Element Copy Number Affects the Magnitude of Hybrid Dysgenesis in <i>Drosophila simulans</i> and <i>D. melanogaster</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 808-826.	1.1	13
17	Environmental and Genetic Contributions to Imperfect <i>w</i> -Mel-Like <i>Wolbachia</i> Transmission and Frequency Variation. <i>Genetics</i> , 2020, 215, 1117-1132.	1.2	27
18	The importance of intrinsic postzygotic barriers throughout the speciation process. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190533.	1.8	114

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19	Incompatibilities between emerging species. <i>Science</i> , 2020, 368, 710-711.	6.0	3
20	Genetic Diversity and Thermal Performance in Invasive and Native Populations of African Fig Flies. <i>Molecular Biology and Evolution</i> , 2020, 37, 1893-1906.	3.5	19
21	Genomic diversity of the human pathogen <i>Paracoccidioides</i> across the South American continent. <i>Fungal Genetics and Biology</i> , 2020, 140, 103395.	0.9	33
22	<i>Paracoccidioides</i> Genomes Reflect High Levels of Species Divergence and Little Interspecific Gene Flow. <i>MBio</i> , 2020, 11, .	1.8	17
23	<i>Wolbachia</i> Acquisition by <i>Drosophila yakuba</i> -Clade Hosts and Transfer of Incompatibility Loci Between Distantly Related <i>Wolbachia</i> . <i>Genetics</i> , 2019, 212, 1399-1419.	1.2	62
24	Fungal species boundaries in the genomics era. <i>Fungal Genetics and Biology</i> , 2019, 131, 103249.	0.9	66
25	Population Structure and Genetic Diversity among Isolates of <i>Coccidioides posadasii</i> in Venezuela and Surrounding Regions. <i>MBio</i> , 2019, 10, .	1.8	28
26	Gene exchange between two divergent species of the fungal human pathogen, <i>Coccidioides</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 42-58.	1.1	26
27	The Rate of Evolution of Postmating-Prezygotic Reproductive Isolation in <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2018, 35, 312-334.	3.5	82
28	Speciation: On the Scent of Mate Discrimination Genes. <i>Current Biology</i> , 2018, 28, R1389-R1391.	1.8	1
29	Correlated Evolution of Two Copulatory Organs via a Single cis-Regulatory Nucleotide Change. <i>Current Biology</i> , 2018, 28, 3450-3457.e13.	1.8	61
30	Genetic divergence and the number of hybridizing species affect the path to homoploid hybrid speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9761-9766.	3.3	48
31	A Maladaptive Combination of Traits Contributes to the Maintenance of a <i>Drosophila</i> Hybrid Zone. <i>Current Biology</i> , 2018, 28, 2940-2947.e6.	1.8	45
32	Supervised machine learning reveals introgressed loci in the genomes of <i>Drosophila simulans</i> and <i>D. sechellia</i> . <i>PLoS Genetics</i> , 2018, 14, e1007341.	1.5	97
33	When genes move, genomes collide. <i>PLoS Genetics</i> , 2018, 14, e1007286.	1.5	2
34	Recent admixture between species of the fungal pathogen <i>Histoplasma</i> . <i>Evolution Letters</i> , 2018, 2, 210-220.	1.6	29
35	The Role of Transposable Elements in Speciation. <i>Genes</i> , 2018, 9, 254.	1.0	139
36	The ability of <i>Drosophila</i> hybrids to locate food declines with parental divergence. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 960-973.	1.1	23

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37	Species boundaries in the human pathogen <i>Paracoccidioides</i> . <i>Fungal Genetics and Biology</i> , 2017, 106, 9-25.	0.9	228
38	<i>Wolbachia</i> in the <i>Drosophila yakuba</i> Complex: Pervasive Frequency Variation and Weak Cytoplasmic Incompatibility, but No Apparent Effect on Reproductive Isolation. <i>Genetics</i> , 2017, 205, 333-351.	1.2	75
39	A nonrandom subset of olfactory genes is associated with host preference in the fruit fly <i>Drosophila orena</i> . <i>Evolution Letters</i> , 2017, 1, 73-85.	1.6	18
40	The Effect of Temperature on <i>Drosophila</i> Hybrid Fitness. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 377-385.	0.8	9
41	Genome Sequences Reveal Cryptic Speciation in the Human Pathogen <i>Histoplasma capsulatum</i> . <i>MBio</i> , 2017, 8, .	1.8	112
42	Fine scale mapping of genomic introgressions within the <i>Drosophila yakuba</i> clade. <i>PLoS Genetics</i> , 2017, 13, e1006971.	1.5	90
43	Evolutionary Genetics: Reuse, Recycle, Converge. <i>Current Biology</i> , 2016, 26, R838-R840.	1.8	3
44	Correlated evolution of male and female reproductive traits drive a cascading effect of reinforcement in <i>Drosophila yakuba</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160730.	1.2	36
45	Reinforcement's incidental effects on reproductive isolation between conspecifics. <i>Environmental Epigenetics</i> , 2016, 62, 135-143.	0.9	19
46	Noisy Neighbors Can Hamper the Evolution of Reproductive Isolation by Reinforcing Selection. <i>American Naturalist</i> , 2015, 185, 253-269.	1.0	16
47	Fine Mapping of Dominant X-Linked Incompatibility Alleles in <i>Drosophila</i> Hybrids. <i>PLoS Genetics</i> , 2014, 10, e1004270.	1.5	20
48	The magnitude of behavioral isolation is affected by characteristics of the mating community. <i>Ecology and Evolution</i> , 2014, 4, 2945-2956.	0.8	26
49	Speciation: The Strength of Natural Selection Driving Reinforcement. <i>Current Biology</i> , 2014, 24, R955-R957.	1.8	3
50	Speciation in Fungal and Oomycete Plant Pathogens. <i>Annual Review of Phytopathology</i> , 2014, 52, 289-316.	3.5	36
51	Macroevolutionary speciation rates are decoupled from the evolution of intrinsic reproductive isolation in <i>Drosophila</i> and birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15354-15359.	3.3	110
52	THE INFLUENCE OF ABDOMINAL PIGMENTATION ON DESICCATION AND ULTRAVIOLET RESISTANCE IN TWO SPECIES OF <i>DROSOPHILA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2451-2460.	1.1	46
53	Embryonic lethality leads to hybrid male inviability in hybrids between <i>Drosophila melanogaster</i> and <i>D. santomea</i> . <i>Ecology and Evolution</i> , 2013, 3, 1580-1589.	0.8	15
54	Revisiting an Old Riddle: What Determines Genetic Diversity Levels within Species?. <i>PLoS Biology</i> , 2012, 10, e1001388.	2.6	485

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55	Response to Comment on "A Test of the Snowball Theory for the Rate of Evolution of Hybrid Incompatibilities". <i>Science</i> , 2011, 333, 1576-1576.	6.0	4
56	INTRINSIC REPRODUCTIVE ISOLATION BETWEEN TWO SISTER SPECIES OF <i>DROSOPHILA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 903-920.	1.1	60
57	A Test of the Snowball Theory for the Rate of Evolution of Hybrid Incompatibilities. <i>Science</i> , 2010, 329, 1518-1521.	6.0	191
58	Reinforcement Can Overcome Gene Flow during Speciation in <i>Drosophila</i> . <i>Current Biology</i> , 2010, 20, 2229-2233.	1.8	52
59	Reinforcement of Gametic Isolation in <i>Drosophila</i> . <i>PLoS Biology</i> , 2010, 8, e1000341.	2.6	85
60	TEMPERATURE-BASED EXTRINSIC REPRODUCTIVE ISOLATION IN TWO SPECIES OF <i>DROSOPHILA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 595-612.	1.1	68
61	Little Effect of the tan Locus on Pigmentation in Female Hybrids between <i>Drosophila santomea</i> and <i>D. melanogaster</i> . <i>Cell</i> , 2009, 139, 1180-1188.	13.5	10
62	Evidence for Positive Selection in Putative Virulence Factors within the <i>Paracoccidioides brasiliensis</i> Species Complex. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e296.	1.3	45
63	Cryptic Speciation and Recombination in the Fungus <i>Paracoccidioides brasiliensis</i> as Revealed by Gene Genealogies. <i>Molecular Biology and Evolution</i> , 2006, 23, 65-73.	3.5	312