

# Jeremy R Dettman

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,295  
citations

304743

22  
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330143

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g-index

37  
all docs

37  
docs citations

37  
times ranked

3022  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A MULTILOCUS GENEALOGICAL APPROACH TO PHYLOGENETIC SPECIES RECOGNITION IN THE MODEL EUKARYOTE NEUROSPORA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2703-2720.                         | 2.3  | 385       |
| 2  | Eukaryotic microbes, species recognition and the geographic limits of species: examples from the kingdom Fungi. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 1947-1963. | 4.0  | 291       |
| 3  | REPRODUCTIVE ISOLATION AND PHYLOGENETIC DIVERGENCE IN NEUROSPORA: COMPARING METHODS OF SPECIES RECOGNITION IN A MODEL EUKARYOTE. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2721-2741.  | 2.3  | 215       |
| 4  | Incipient speciation by divergent adaptation and antagonistic epistasis in yeast. <i>Nature</i> , 2007, 447, 585-588.   | 27.8 | 185       |
| 5  | Evolutionary insight from whole-genome sequencing of experimentally evolved microbes. <i>Molecular Ecology</i> , 2012, 21, 2058-2077.   | 3.9  | 128       |
| 6  | Evolutionary genomics of epidemic and nonepidemic strains of <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21065-21070.         | 7.1  | 92        |
| 7  | The properties of spontaneous mutations in the opportunistic pathogen <i>Pseudomonas aeruginosa</i> . <i>BMC Genomics</i> , 2016, 17, 27.   | 2.8  | 83        |
| 8  | Multilocus sequence data reveal extensive phylogenetic species diversity within the <i>Neurospora discreta</i> complex. <i>Mycologia</i> , 2006, 98, 436-446.   | 1.9  | 80        |
| 9  | Mutation and Evolution of Microsatellite Loci in <i>Neurospora</i> . <i>Genetics</i> , 2004, 168, 1231-1248.  | 2.9  | 76        |
| 10 | Determinants of Divergent Adaptation and Dobzhansky-Muller Interaction in Experimental Yeast Populations. <i>Current Biology</i> , 2010, 20, 1383-1388.   | 3.9  | 68        |
| 11 | New findings of <i>Neurospora</i> in Europe and comparisons of diversity in temperate climates on continental scales. <i>Mycologia</i> , 2006, 98, 550-559.   | 1.9  | 64        |
| 12 | Divergent adaptation promotes reproductive isolation among experimental populations of the filamentous fungus <i>Neurospora</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 35.                                      | 3.2  | 63        |
| 13 | <i>Neurospora</i> in temperate forests of western North America. <i>Mycologia</i> , 2004, 96, 66-74.  | 1.9  | 58        |
| 14 | Competition both drives and impedes diversification in a model adaptive radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131253.  | 2.6  | 52        |
| 15 | Ascospore Morphology Is a Poor Predictor of the Phylogenetic Relationships of <i>Neurospora</i> and <i>Gelasinospora</i> . <i>Fungal Genetics and Biology</i> , 2001, 34, 49-61.                                      | 2.1  | 49        |
| 16 | Multilocus sequence data reveal extensive phylogenetic species diversity within the <i>Neurospora discreta</i> complex. <i>Mycologia</i> , 2006, 98, 436-446.   | 1.9  | 40        |
| 17 | Anchored Phylogenomics, Evolution and Systematics of Elateridae: Are All Bioluminescent Elateroidea Derived Click Beetles?. <i>Biology</i> , 2021, 10, 451.   | 2.8  | 39        |
| 18 | <i>Neurospora</i> in Temperate Forests of Western North America. <i>Mycologia</i> , 2004, 96, 66.   | 1.9  | 34        |

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|----|---|-----|-----------|
| 19 | The population structure of <i>Armillaria ostoyae</i> and <i>Armillaria sinapina</i> in the central interior of British Columbia. Canadian Journal of Botany, 2001, 79, 600-611.  | 1.1 | 32        |
| 20 | REPRODUCTIVE ISOLATION AND PHYLOGENETIC DIVERGENCE IN NEUROSPORA: COMPARING METHODS OF SPECIES RECOGNITION IN A MODEL EUKARYOTE. Evolution; International Journal of Organic Evolution, 2003, 57, 2721.   | 2.3 | 29        |
| 21 | Genome-Wide Patterns of Recombination in the Opportunistic Human Pathogen <i>Pseudomonas aeruginosa</i> . Genome Biology and Evolution, 2015, 7, 18-34.   | 2.5 | 29        |
| 22 | <i>Neurospora</i> in temperate forests of western North America. Mycologia, 2004, 96, 66-74.  | 1.9 | 28        |
| 23 | A MULTILOCUS GENEALOGICAL APPROACH TO PHYLOGENETIC SPECIES RECOGNITION IN THE MODEL EUKARYOTE NEUROSPORA. Evolution; International Journal of Organic Evolution, 2003, 57, 2703.  | 2.3 | 25        |
| 24 | Phylogenomics of braconid wasps (Hymenoptera, Braconidae) sheds light on classification and the evolution of parasitoid life history traits. Molecular Phylogenetics and Evolution, 2022, 173, 107452.  | 2.7 | 21        |
| 25 | A global multilocus analysis of the model fungus <i>Neurospora</i> reveals a single recent origin of a novel genetic system. Molecular Phylogenetics and Evolution, 2014, 78, 136-147.  | 2.7 | 20        |
| 26 | GENOME-WIDE INVESTIGATION OF REPRODUCTIVE ISOLATION IN EXPERIMENTAL LINEAGES AND NATURAL SPECIES OF NEUROSPORA: IDENTIFYING CANDIDATE REGIONS BY MICROARRAY-BASED GENOTYPING AND MAPPING. Evolution; International Journal of Organic Evolution, 2010, 64, 694-709. | 2.3 | 19        |
| 27 | Evolutionary Genomics of Niche-Specific Adaptation to the Cystic Fibrosis Lung in <i>Pseudomonas aeruginosa</i> . Molecular Biology and Evolution, 2021, 38, 663-675.   | 8.9 | 18        |
| 28 | The limits of Quediini at last (Staphylinidae: Staphylininae): a rove beetle mega-radiation resolved by comprehensive sampling and anchored phylogenomics. Systematic Entomology, 2021, 46, 396-421.  | 3.9 | 16        |
| 29 | The population structure of <i>Armillaria ostoyae</i> in the southern interior of British Columbia. Canadian Journal of Botany, 2001, 79, 612-620.  | 1.1 | 14        |
| 30 | Phylogenomic analyses of <i>Alternaria</i> section <i>Alternaria</i> : A high-resolution, genome-wide study of lineage sorting and gene tree discordance. Mycologia, 2021, 113, 1-15.   | 1.9 | 9         |
| 31 | The population structure of <i>Armillaria ostoyae</i> and <i>Armillaria sinapina</i> in the central interior of British Columbia. Canadian Journal of Botany, 2001, 79, 600-611.  | 1.1 | 7         |
| 32 | Apicidin biosynthesis is linked to accessory chromosomes in <i>Fusarium poae</i> isolates. BMC Genomics, 2021, 22, 591.   | 2.8 | 7         |
| 33 | The population structure of <i>Armillaria ostoyae</i> in the southern interior of British Columbia. Canadian Journal of Botany, 2001, 79, 612-620.  | 1.1 | 5         |
| 34 | Development and evaluation of a target enrichment bait set for phylogenetic analysis of oomycetes. Mycologia, 2021, 113, 856-867.   | 1.9 | 5         |
| 35 | New molecular markers for distinguishing the main phylogenetic lineages within <i>Alternaria</i> section <i>Alternaria</i> . Canadian Journal of Plant Pathology, 2022, 44, 754-766.  | 1.4 | 5         |
| 36 | Genomics of Compensatory Adaptation in Experimental Populations of <i>Aspergillus nidulans</i> . G3: Genes, Genomes, Genetics, 2017, 7, 427-436.  | 1.8 | 3         |