

Mohamed A F Noor

List of Publications by Year in descending order

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104
papers

9,558
citations

66234

42
h-index

42291

92
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165
all docs

165
docs citations

165
times ranked

8141
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PseudoBase: a genomic visualization and exploration resource for the <i>Drosophila pseudoobscura</i> subgroup. <i>Fly</i> , 2021, 15, 38-44. | 0.9 | 3 |
| 2 | Homage to Felsenstein 1981, or why are there so few/many species?. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 978-988. | 1.1 | 13 |
| 3 | Inversions shape the divergence of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> on multiple timescales. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1820-1834. | 1.1 | 3 |
| 4 | Disentangling Types of Linked Selection Using Patterns of Nucleotide Variation in <i>Drosophila pseudoobscura</i> . <i>Population Genomics</i> , 2021, , 1. | 0.2 | 1 |
| 5 | Intraspecific Genetic Variation for Behavioral Isolation Loci in <i>Drosophila</i> . <i>Genes</i> , 2021, 12, 1703. | 1.0 | 2 |
| 6 | Natural Selection Shapes Variation in Genome-wide Recombination Rate in <i>Drosophila pseudoobscura</i> . <i>Current Biology</i> , 2020, 30, 1517-1528.e6. | 1.8 | 49 |
| 7 | Pervasive gene conversion in chromosomal inversion heterozygotes. <i>Molecular Ecology</i> , 2019, 28, 1302-1315. | 2.0 | 63 |
| 8 | Are Lethal Alleles Too Abundant in Humans?. <i>Trends in Genetics</i> , 2018, 34, 87-89. | 2.9 | 11 |
| 9 | Gene conversion and linkage: effects on genome evolution and speciation. <i>Molecular Ecology</i> , 2017, 26, 351-364. | 2.0 | 54 |
| 10 | The large X-effect on secondary sexual characters and the genetics of variation in sex comb tooth number in <i>Drosophila subobscura</i> . <i>Ecology and Evolution</i> , 2017, 7, 533-540. | 0.8 | 10 |
| 11 | Variation in Recombination Rate: Adaptive or Not?. <i>Trends in Genetics</i> , 2017, 33, 364-374. | 2.9 | 124 |
| 12 | Reproductive interference by male <i>Drosophila subobscura</i> on female <i>D. persimilis</i> : A laboratory experiment. <i>Ecology and Evolution</i> , 2017, 7, 2268-2272. | 0.8 | 6 |
| 13 | Interpreting the genomic landscape of speciation: a road map for finding barriers to gene flow. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1450-1477. | 0.8 | 399 |
| 14 | Mistaken Identity: Another Bias in the Use of Relative Genetic Divergence Measures for Detecting Interspecies Introgression. <i>PLoS ONE</i> , 2016, 11, e0165032. | 1.1 | 2 |
| 15 | A Balanced Data Archiving Policy for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2016, 31, 84-85. | 4.2 | 17 |
| 16 | Recombining without Hotspots: A Comprehensive Evolutionary Portrait of Recombination in Two Closely Related Species of <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 2829-2842. | 1.1 | 66 |
| 17 | How Big Is Your Y? A Genome Sequence-Based Estimate of the Size of the Male-Specific Region in <i>Megaselia scalaris</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 45-48. | 0.8 | 3 |
| 18 | Temporal Stability of Molecular Diversity Measures in Natural Populations of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> . <i>Journal of Heredity</i> , 2015, 106, 407-411. | 1.0 | 3 |

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|----|---|-----|-----------|
| 19 | Genetics and Evolution: An iOS Application to Supplement Introductory Courses in Transmission and Evolutionary Genetics. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 779-781. | 0.8 | 1 |
| 20 | How Hot Are <i>Drosophila</i> Hotspots? Examining Recombination Rate Variation and Associations with Nucleotide Diversity, Divergence, and Maternal Age in <i>Drosophila pseudoobscura</i> . <i>PLoS ONE</i> , 2013, 8, e71582. | 1.1 | 24 |
| 21 | Recombination Modulates How Selection Affects Linked Sites in <i>Drosophila</i> . <i>PLoS Biology</i> , 2012, 10, e1001422. | 2.6 | 104 |
| 22 | Genomic impacts of chromosomal inversions in parapatric <i>Drosophila</i> species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 422-429. | 1.8 | 111 |
| 23 | Effects of Premature Termination Codon Polymorphisms in the <i>Drosophila pseudoobscura</i> Subclade. <i>Journal of Molecular Evolution</i> , 2012, 75, 141-150. | 0.8 | 6 |
| 24 | Zinc Finger Binding Motifs Do Not Explain Recombination Rate Variation within or between Species of <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e45055. | 1.1 | 13 |
| 25 | Recombination modulates how selection affects linked sites in <i>Drosophila</i> . <i>Nature Precedings</i> , 2012, , . | 0.1 | 3 |
| 26 | What do we need to know about speciation?. <i>Trends in Ecology and Evolution</i> , 2012, 27, 27-39. | 4.2 | 358 |
| 27 | Effects of Inversions on Within- and Between-Species Recombination and Divergence. <i>Genome Biology and Evolution</i> , 2011, 3, 830-841. | 1.1 | 127 |
| 28 | GENETICS OF HYBRID MALE STERILITY AMONG STRAINS AND SPECIES IN THE <i>DROSOPHILA PSEUDOOBSCURA</i> SPECIES GROUP. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1969-1978. | 1.1 | 7 |
| 29 | Recombination rate variation in closely related species. <i>Heredity</i> , 2011, 107, 496-508. | 1.2 | 191 |
| 30 | Genetic and Evolutionary Correlates of Fine-Scale Recombination Rate Variation in <i>Drosophila persimilis</i> . <i>Journal of Molecular Evolution</i> , 2010, 71, 332-345. | 0.8 | 66 |
| 31 | The scuttle fly. <i>Current Biology</i> , 2010, 20, R466-R467. | 1.8 | 5 |
| 32 | EPISTASIS MODIFIES THE DOMINANCE OF LOCI CAUSING HYBRID MALE STERILITY IN THE <i>DROSOPHILA PSEUDOOBSCURA</i> SPECIES GROUP. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 253-260. | 1.1 | 29 |
| 33 | GENETICS OF INCIPIENT SPECIATION IN <i>DROSOPHILA MOJAVENSIS</i> . III. LIFE-HISTORY DIVERGENCE IN ALLOPATRY AND REPRODUCTIVE ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 3549-3569. | 1.1 | 34 |
| 34 | Slip-Sliding Away: Serial Changes and Homoplasmy in Repeat Number in the <i>Drosophila yakuba</i> Homolog of Human Cancer Susceptibility Gene BRCA2. <i>PLoS ONE</i> , 2010, 5, e11006. | 1.1 | 4 |
| 35 | Epistasis among <i>Drosophila persimilis</i> Factors Conferring Hybrid Male Sterility with <i>D. pseudoobscura bogotana</i> . <i>PLoS ONE</i> , 2010, 5, e15377. | 1.1 | 12 |
| 36 | The role of meiotic drive in hybrid male sterility. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1265-1272. | 1.8 | 106 |

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|----|---|-----|-----------|
| 37 | Translocation of Y-Linked Genes to the Dot Chromosome in <i>Drosophila pseudoobscura</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 1612-1620. | 3.5 | 35 |
| 38 | The Genomics of Speciation in <i>Drosophila</i> : Diversity, Divergence, and Introgression Estimated Using Low-Coverage Genome Sequencing. <i>PLoS Genetics</i> , 2009, 5, e1000550. | 1.5 | 197 |
| 39 | What can you do with 0.1× genome coverage? A case study based on a genome survey of the scuttle fly <i>Megaselia scalaris</i> (Phoridae). <i>BMC Genomics</i> , 2009, 10, 382. | 1.2 | 53 |
| 40 | Sequence signatures of a recent chromosomal rearrangement in <i>Drosophila mojavensis</i> . <i>Genetica</i> , 2009, 136, 5-11. | 0.5 | 11 |
| 41 | Molecular evolution of a <i>Drosophila</i> homolog of human BRCA2. <i>Genetica</i> , 2009, 137, 213-219. | 0.5 | 5 |
| 42 | Large introns in relation to alternative splicing and gene evolution: a case study of <i>Drosophila bruno-3</i> . <i>BMC Genetics</i> , 2009, 10, 67. | 2.7 | 41 |
| 43 | Islands of speciation or mirages in the desert? Examining the role of restricted recombination in maintaining species. <i>Heredity</i> , 2009, 103, 439-444. | 1.2 | 349 |
| 44 | GENETICS OF INCIPIENT SPECIATION IN <i>DROSOPHILA MOJAVENSIS</i> : II. HOST PLANTS AND MATING STATUS INFLUENCE CUTICULAR HYDROCARBON QTL EXPRESSION AND G × E INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1712-1730. | 1.1 | 63 |
| 45 | A Reversible Color Polyphenism in American Peppered Moth (<i>Biston betularia cognataria</i>) Caterpillars. <i>PLoS ONE</i> , 2008, 3, e3142. | 1.1 | 46 |
| 46 | Connecting recombination, nucleotide diversity, and species divergence in <i>Drosophila</i> . <i>Fly</i> , 2008, 2, 255-256. | 0.9 | 7 |
| 47 | Fine-scale mapping of recombination rate in <i>Drosophila</i> refines its correlation to diversity and divergence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10051-10056. | 3.3 | 144 |
| 48 | Mutagenesis from Meiotic Recombination Is Not a Primary Driver of Sequence Divergence between <i>Saccharomyces</i> Species. <i>Molecular Biology and Evolution</i> , 2008, 25, 2439-2444. | 3.5 | 26 |
| 49 | Polytene Chromosomal Maps of 11 <i>Drosophila</i> Species: The Order of Genomic Scaffolds Inferred From Genetic and Physical Maps. <i>Genetics</i> , 2008, 179, 1601-1655. | 1.2 | 191 |
| 50 | Failure to Replicate Two Mate Preference QTLs across Multiple Strains of <i>Drosophila pseudoobscura</i> . <i>Journal of Heredity</i> , 2008, 99, 653-656. | 1.0 | 18 |
| 51 | Gene Expression Disruptions of Organism versus Organ in <i>Drosophila</i> Species Hybrids. <i>PLoS ONE</i> , 2008, 3, e3009. | 1.1 | 23 |
| 52 | Evaluation of the Genomic Extent of Effects of Fixed Inversion Differences on Intraspecific Variation and Interspecific Gene Flow in <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>Genetics</i> , 2007, 175, 1289-1306. | 1.2 | 93 |
| 53 | Genome-Wide Patterns of Expression in <i>Drosophila</i> Pure Species and Hybrid Males. II. Examination of Multiple-Species Hybridizations, Platforms, and Life Cycle Stages. <i>Molecular Biology and Evolution</i> , 2007, 24, 137-145. | 3.5 | 87 |
| 54 | The Genetics of Hybrid Male Sterility Between the Allopatric Species Pair <i>Drosophila persimilis</i> and <i>D. pseudoobscura bogotana</i> : Dominant Sterility Alleles in Collinear Autosomal Regions. <i>Genetics</i> , 2007, 176, 343-349. | 1.2 | 33 |

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|----|--|------|-----------|
| 55 | Divergence Between the <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> Genome Sequences in Relation to Chromosomal Inversions. <i>Genetics</i> , 2007, 177, 1417-1428. | 1.2 | 97 |
| 56 | Localization and Characterization of X Chromosome Inversion Breakpoints Separating <i>Drosophila mojavensis</i> and <i>Drosophila arizonae</i> . <i>Journal of Heredity</i> , 2007, 98, 111-114. | 1.0 | 7 |
| 57 | Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218. | 13.7 | 1,886 |
| 58 | GENETICS OF INCIPIENT SPECIATION IN <i>DROSOPHILA MOJAVENSIS</i> . I. MALE COURTSHIP SONG, MATING SUCCESS, AND GENOTYPE X ENVIRONMENT INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1106-1119. | 1.1 | 58 |
| 59 | Fine-Scale Crossover Rate Heterogeneity in <i>Drosophila pseudoobscura</i> . <i>Journal of Molecular Evolution</i> , 2007, 64, 129-135. | 0.8 | 50 |
| 60 | A recombinational portrait of the <i>Drosophila pseudoobscura</i> genome. <i>Genetical Research</i> , 2006, 87, 23-31. | 0.3 | 42 |
| 61 | Data Sharing: How Much Doesn't Get Submitted to GenBank?. <i>PLoS Biology</i> , 2006, 4, e228. | 2.6 | 42 |
| 62 | Isolation and characterization of microsatellite loci from the apple maggot fly <i>Rhagoletis pomonella</i> (Diptera: Tephritidae). <i>Molecular Ecology Notes</i> , 2006, 6, 90-92. | 1.7 | 25 |
| 63 | New microsatellite loci for the European bushcricket, <i>Ephippiger ephippiger</i> (Orthoptera: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 5 | 1.7 | 5 |
| 64 | Speciation genetics: evolving approaches. <i>Nature Reviews Genetics</i> , 2006, 7, 851-861. | 7.7 | 234 |
| 65 | Gene Transposition as a Cause of Hybrid Sterility in <i>Drosophila</i> . <i>Science</i> , 2006, 313, 1448-1450. | 6.0 | 195 |
| 66 | Gene expression divergence and the origin of hybrid dysfunctions. <i>Genetica</i> , 2006, 129, 71-81. | 0.5 | 95 |
| 67 | Simulating Natural Conditions in the Laboratory: A Re-Examination of Sexual Isolation between Sympatric and Allopatric Populations of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>Behavior Genetics</i> , 2006, 36, 322-327. | 1.4 | 22 |
| 68 | Evolutionary Genetics: Jumping into a New Species. <i>Current Biology</i> , 2006, 16, R890-R892. | 1.8 | 18 |
| 69 | No evidence for learned mating discrimination in male <i>Drosophila pseudoobscura</i> . <i>BMC Evolutionary Biology</i> , 2006, 6, 54. | 3.2 | 12 |
| 70 | Multilocus Test for Introgression between the Cactophilic Species <i>Drosophila mojavensis</i> and <i>Drosophila arizonae</i> . <i>American Naturalist</i> , 2006, 168, 682-696. | 1.0 | 22 |
| 71 | Patterns of evolution of genes disrupted in expression in <i>Drosophila</i> species hybrids. <i>Genetical Research</i> , 2005, 85, 119-125. | 0.3 | 13 |
| 72 | Comparative genome sequencing of <i>Drosophila pseudoobscura</i> : Chromosomal, gene, and cis-element evolution. <i>Genome Research</i> , 2005, 15, 1-18. | 2.4 | 453 |

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|----|---|------|-----------|
| 73 | Likelihoods From Summary Statistics: Recent Divergence Between Species. <i>Genetics</i> , 2005, 171, 1419-1436. | 1.2 | 24 |
| 74 | Evidence for a One-Allele Assortative Mating Locus. <i>Science</i> , 2005, 310, 1467-1467. | 6.0 | 78 |
| 75 | A Kingpin of Academic Inclusive Fitness: The History and Contributions of Bruce Grant. <i>Genetics</i> , 2005, 171, 867-871. | 1.2 | 3 |
| 76 | A TEST OF THE CHROMOSOMAL REARRANGEMENT MODEL OF SPECIATION IN <i>DROSOPHILA PSEUDOOBSCURA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1856. | 1.1 | 17 |
| 77 | The Genetics of Speciation by Reinforcement. <i>PLoS Biology</i> , 2004, 2, e416. | 2.6 | 109 |
| 78 | A TEST OF THE CHROMOSOMAL REARRANGEMENT MODEL OF SPECIATION IN <i>DROSOPHILA PSEUDOOBSCURA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1856-1860. | 1.1 | 64 |
| 79 | Evolutionary genetics: Gene replacement and the genetics of speciation. <i>Heredity</i> , 2004, 93, 1-2. | 1.2 | 14 |
| 80 | Association of Misexpression with Sterility in Hybrids of <i>Drosophila simulans</i> and <i>D. mauritiana</i> . <i>Journal of Molecular Evolution</i> , 2004, 59, 277-282. | 0.8 | 62 |
| 81 | Variability on the dot chromosome in the <i>Drosophila simulans</i> clade. <i>Genetica</i> , 2003, 118, 51-58. | 0.5 | 7 |
| 82 | Genes to make new species. <i>Nature</i> , 2003, 423, 699-700. | 13.7 | 35 |
| 83 | Genome-Wide Patterns of Expression in <i>Drosophila</i> Pure Species and Hybrid Males. <i>Molecular Biology and Evolution</i> , 2003, 20, 1070-1076. | 3.5 | 146 |
| 84 | Characterization of a Male-Predominant Antisense Transcript Underexpressed in Hybrids of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>Genetics</i> , 2003, 165, 1823-1830. | 1.2 | 3 |
| 85 | Little qualitative RNA misexpression in sterile male F1 hybrids of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>BMC Evolutionary Biology</i> , 2002, 2, 16. | 3.2 | 17 |
| 86 | Recombination and the divergence of hybridizing species. <i>Contemporary Issues in Genetics and Evolution</i> , 2002, , 167-178. | 0.9 | 7 |
| 87 | Recombination and the divergence of hybridizing species. <i>Genetica</i> , 2002, 116, 167-78. | 0.5 | 39 |
| 88 | Courtship songs of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . II. Genetics of species differences. <i>Heredity</i> , 2001, 86, 68-77. | 1.2 | 65 |
| 89 | Chromosomal inversions and the reproductive isolation of species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12084-12088. | 3.3 | 787 |
| 90 | THE GENETICS OF REPRODUCTIVE ISOLATION AND THE POTENTIAL FOR GENE EXCHANGE BETWEEN <i>DROSOPHILA PSEUDOOBSCURA</i> AND <i>D. PERSIMILIS</i> VIA BACKCROSS HYBRID MALES. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 512. | 1.1 | 108 |

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| 91 | THE GENETICS OF REPRODUCTIVE ISOLATION AND THE POTENTIAL FOR GENE EXCHANGE BETWEEN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS VIA BACKCROSS HYBRID MALES. Evolution; International Journal of Organic Evolution, 2001, 55, 512-521. | 1.1 | 16 |
| 92 | Consequences of Recombination Rate Variation on Quantitative Trait Locus Mapping Studies: Simulations Based on the <i>Drosophila melanogaster</i> Genome. Genetics, 2001, 159, 581-588. | 1.2 | 93 |
| 93 | Microsatellite variation in populations of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> . Genetical Research, 2000, 75, 25-35. | 0.3 | 55 |
| 94 | GENETIC VARIATION IN THE SPREAD OF DROSOPHILA SUBOBSCURA FROM A NONEQUILIBRIUM POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 696-703. | 1.1 | 27 |
| 95 | GENE FLOW BETWEEN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. Evolution; International Journal of Organic Evolution, 2000, 54, 2174-2175. | 1.1 | 23 |
| 96 | GENE FLOW BETWEEN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. Evolution; International Journal of Organic Evolution, 2000, 54, 2174. | 1.1 | 3 |
| 97 | Reinforcement and other consequences of sympatry. Heredity, 1999, 83, 503-508. | 1.2 | 379 |
| 98 | Diurnal Activity Patterns of <i>Drosophila subobscura</i> and <i>D. pseudoobscura</i> in Sympatric Populations. American Midland Naturalist, 1998, 140, 34-41. | 0.2 | 19 |
| 99 | Genetics of Sexual Isolation and Courtship Dysfunction in Male Hybrids of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> . Evolution; International Journal of Organic Evolution, 1997, 51, 809. | 1.1 | 25 |
| 100 | GENETICS OF SEXUAL ISOLATION AND COURTSHIP DYSFUNCTION IN MALE HYBRIDS OF <i>DROSOPHILA PSEUDOOBSCURA</i> AND <i>DROSOPHILA PERSIMILIS</i> . Evolution; International Journal of Organic Evolution, 1997, 51, 809-815. | 1.1 | 49 |
| 101 | Environmental effects on male courtship intensity in <i>Drosophila pseudoobscura</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50 | 0.4 | 28 |
| 102 | Genetics of a difference in cuticular hydrocarbons between <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . Genetical Research, 1996, 68, 117-123. | 0.3 | 45 |
| 103 | Speciation by Reinforcement: A Model Derived from Studies of <i>Drosophila</i> . Genetics, 1996, 143, 1485-1497. | 1.2 | 147 |
| 104 | Speciation driven by natural selection in <i>Drosophila</i> . Nature, 1995, 375, 674-675. | 13.7 | 334 |