

# Mohamed A F Noor

## List of Publications by Year in descending order

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104  
papers

9,558  
citations

66343

42  
h-index

42399

92  
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165  
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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.	1.7	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.	2.3	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.	2.3	3
4	Disentangling Types of Linked Selection Using Patterns of Nucleotide Variation in <i>Drosophila pseudoobscura</i> . <i>Population Genomics</i> , 2021, , 1.	0.5	1
5	Intraspecific Genetic Variation for Behavioral Isolation Loci in <i>Drosophila</i> . <i>Genes</i> , 2021, 12, 1703.	2.4	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.	3.9	49
7	Pervasive gene conversion in chromosomal inversion heterozygotes. <i>Molecular Ecology</i> , 2019, 28, 1302-1315.	3.9	63
8	Are Lethal Alleles Too Abundant in Humans?. <i>Trends in Genetics</i> , 2018, 34, 87-89.	6.7	11
9	Gene conversion and linkage: effects on genome evolution and speciation. <i>Molecular Ecology</i> , 2017, 26, 351-364.	3.9	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.	1.9	10
11	Variation in Recombination Rate: Adaptive or Not?. <i>Trends in Genetics</i> , 2017, 33, 364-374.	6.7	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.	1.9	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.	1.7	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.	2.5	2
15	A Balanced Data Archiving Policy for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2016, 31, 84-85.	8.7	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.	2.5	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.	1.8	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.	2.4	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.	1.8	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.	2.5	24
21	Recombination Modulates How Selection Affects Linked Sites in <i>Drosophila</i> . <i>PLoS Biology</i> , 2012, 10, e1001422.	5.6	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.	4.0	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.	1.8	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.	2.5	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.	8.7	358
27	Effects of Inversions on Within- and Between-Species Recombination and Divergence. <i>Genome Biology and Evolution</i> , 2011, 3, 830-841.	2.5	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.	2.3	7
29	Recombination rate variation in closely related species. <i>Heredity</i> , 2011, 107, 496-508.	2.6	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.	1.8	66
31	The scuttle fly. <i>Current Biology</i> , 2010, 20, R466-R467.	3.9	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.	2.3	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.	2.3	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.	2.5	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.	2.5	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.	4.0	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.	8.9	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.	3.5	197
39	What can you do with 0.1x 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.	2.8	53
40	Sequence signatures of a recent chromosomal rearrangement in <i>Drosophila mojavensis</i> . <i>Genetica</i> , 2009, 136, 5-11.	1.1	11
41	Molecular evolution of a <i>Drosophila</i> homolog of human BRCA2. <i>Genetica</i> , 2009, 137, 213-219.	1.1	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.	2.6	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.	2.3	63
45	A Reversible Color Polyphenism in American Peppered Moth ( <i>Biston betularia cognataria</i> ) Caterpillars. <i>PLoS ONE</i> , 2008, 3, e3142.	2.5	46
46	Connecting recombination, nucleotide diversity, and species divergence in <i>Drosophila</i> . <i>Fly</i> , 2008, 2, 255-256.	1.7	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.	7.1	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.	8.9	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.	2.9	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.	2.4	18
51	Gene Expression Disruptions of Organism versus Organ in <i>Drosophila</i> Species Hybrids. <i>PLoS ONE</i> , 2008, 3, e3009.	2.5	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.	2.9	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.	8.9	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.	2.9	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.	2.9	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.	2.4	7
57	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	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.	2.3	58
59	Fine-Scale Crossover Rate Heterogeneity in <i>Drosophila pseudoobscura</i> . <i>Journal of Molecular Evolution</i> , 2007, 64, 129-135.	1.8	50
60	A recombinational portrait of the <i>Drosophila pseudoobscura</i> genome. <i>Genetical Research</i> , 2006, 87, 23-31.	0.9	42
61	Data Sharing: How Much Doesn't Get Submitted to GenBank?. <i>PLoS Biology</i> , 2006, 4, e228.	5.6	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.	16.3	234
65	Gene Transposition as a Cause of Hybrid Sterility in <i>Drosophila</i> . <i>Science</i> , 2006, 313, 1448-1450.	12.6	195
66	Gene expression divergence and the origin of hybrid dysfunctions. <i>Genetica</i> , 2006, 129, 71-81.	1.1	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.	2.1	22
68	Evolutionary Genetics: Jumping into a New Species. <i>Current Biology</i> , 2006, 16, R890-R892.	3.9	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.	2.1	22
71	Patterns of evolution of genes disrupted in expression in <i>Drosophila</i> species hybrids. <i>Genetical Research</i> , 2005, 85, 119-125.	0.9	13
72	Comparative genome sequencing of <i>Drosophila pseudoobscura</i> : Chromosomal, gene, and cis-element evolution. <i>Genome Research</i> , 2005, 15, 1-18.	5.5	453

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73	Likelihoods From Summary Statistics: Recent Divergence Between Species. <i>Genetics</i> , 2005, 171, 1419-1436.	2.9	24
74	Evidence for a One-Allele Assortative Mating Locus. <i>Science</i> , 2005, 310, 1467-1467.	12.6	78
75	A Kingpin of Academic Inclusive Fitness: The History and Contributions of Bruce Grant. <i>Genetics</i> , 2005, 171, 867-871.	2.9	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.	2.3	17
77	The Genetics of Speciation by Reinforcement. <i>PLoS Biology</i> , 2004, 2, e416.	5.6	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.	2.3	64
79	Evolutionary genetics: Gene replacement and the genetics of speciation. <i>Heredity</i> , 2004, 93, 1-2.	2.6	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.	1.8	62
81	Variability on the dot chromosome in the <i>Drosophila simulans</i> clade. <i>Genetica</i> , 2003, 118, 51-58.	1.1	7
82	Genes to make new species. <i>Nature</i> , 2003, 423, 699-700.	27.8	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.	8.9	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.	2.9	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.	1.1	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.	2.6	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.	7.1	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.	2.3	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.	2.3	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.	2.9	93
93	Microsatellite variation in populations of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> . Genetical Research, 2000, 75, 25-35.	0.9	55
94	GENETIC VARIATION IN THE SPREAD OF DROSOPHILA SUBOBSCURA FROM A NONEQUILIBRIUM POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 696-703.	2.3	27
95	GENE FLOW BETWEEN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. Evolution; International Journal of Organic Evolution, 2000, 54, 2174-2175.	2.3	23
96	GENE FLOW BETWEEN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. Evolution; International Journal of Organic Evolution, 2000, 54, 2174.	2.3	3
97	Reinforcement and other consequences of sympatry. Heredity, 1999, 83, 503-508.	2.6	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.	0.4	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.	2.3	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.	2.3	49
101	Environmental effects on male courtship intensity in <i>Drosophila pseudoobscura</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50	0.7	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.	0.9	45
103	Speciation by Reinforcement: A Model Derived from Studies of <i>Drosophila</i> . Genetics, 1996, 143, 1485-1497.	2.9	147
104	Speciation driven by natural selection in <i>Drosophila</i> . Nature, 1995, 375, 674-675.	27.8	334