

# 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  
g-index

165  
all docs

165  
docs citations

165  
times ranked

8141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	13.7	1,886
2	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
3	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
4	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
5	Reinforcement and other consequences of sympatry. <i>Heredity</i> , 1999, 83, 503-508.	1.2	379
6	What do we need to know about speciation?. <i>Trends in Ecology and Evolution</i> , 2012, 27, 27-39.	4.2	358
7	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
8	Speciation driven by natural selection in <i>Drosophila</i> . <i>Nature</i> , 1995, 375, 674-675.	13.7	334
9	Speciation genetics: evolving approaches. <i>Nature Reviews Genetics</i> , 2006, 7, 851-861.	7.7	234
10	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
11	Gene Transposition as a Cause of Hybrid Sterility in <i>Drosophila</i> . <i>Science</i> , 2006, 313, 1448-1450.	6.0	195
12	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
13	Recombination rate variation in closely related species. <i>Heredity</i> , 2011, 107, 496-508.	1.2	191
14	Speciation by Reinforcement: A Model Derived from Studies of <i>Drosophila</i> . <i>Genetics</i> , 1996, 143, 1485-1497.	1.2	147
15	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
16	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
17	Effects of Inversions on Within- and Between-Species Recombination and Divergence. <i>Genome Biology and Evolution</i> , 2011, 3, 830-841.	1.1	127
18	Variation in Recombination Rate: Adaptive or Not?. <i>Trends in Genetics</i> , 2017, 33, 364-374.	2.9	124

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19	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
20	The Genetics of Speciation by Reinforcement. <i>PLoS Biology</i> , 2004, 2, e416.	2.6	109
21	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
22	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
23	Recombination Modulates How Selection Affects Linked Sites in <i>Drosophila</i> . <i>PLoS Biology</i> , 2012, 10, e1001422.	2.6	104
24	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
25	Gene expression divergence and the origin of hybrid dysfunctions. <i>Genetica</i> , 2006, 129, 71-81.	0.5	95
26	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
27	Consequences of Recombination Rate Variation on Quantitative Trait Locus Mapping Studies: Simulations Based on the <i>Drosophila melanogaster</i> Genome. <i>Genetics</i> , 2001, 159, 581-588.	1.2	93
28	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
29	Evidence for a One-Allele Assortative Mating Locus. <i>Science</i> , 2005, 310, 1467-1467.	6.0	78
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	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
32	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
33	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
34	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
35	Pervasive gene conversion in chromosomal inversion heterozygotes. <i>Molecular Ecology</i> , 2019, 28, 1302-1315.	2.0	63
36	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

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37	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
38	Microsatellite variation in populations of <i>Drosophila pseudoobscura</i> and <i>Drosophila persimilis</i> . <i>Genetical Research</i> , 2000, 75, 25-35.	0.3	55
39	Gene conversion and linkage: effects on genome evolution and speciation. <i>Molecular Ecology</i> , 2017, 26, 351-364.	2.0	54
40	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.	1.2	53
41	Fine-Scale Crossover Rate Heterogeneity in <i>Drosophila pseudoobscura</i> . <i>Journal of Molecular Evolution</i> , 2007, 64, 129-135.	0.8	50
42	GENETICS OF SEXUAL ISOLATION AND COURTSHIP DYSFUNCTION IN MALE HYBRIDS OF <i>DROSOPHILA PSEUDOOBSCURA</i> AND <i>DROSOPHILA PERSIMILIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 809-815.	1.1	49
43	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
44	A Reversible Color Polyphenism in American Peppered Moth ( <i>Biston betularia cognataria</i> ) Caterpillars. <i>PLoS ONE</i> , 2008, 3, e3142.	1.1	46
45	Genetics of a difference in cuticular hydrocarbons between <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . <i>Genetical Research</i> , 1996, 68, 117-123.	0.3	45
46	A recombinational portrait of the <i>Drosophila pseudoobscura</i> genome. <i>Genetical Research</i> , 2006, 87, 23-31.	0.3	42
47	Data Sharing: How Much Doesn't Get Submitted to GenBank?. <i>PLoS Biology</i> , 2006, 4, e228.	2.6	42
48	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
49	Recombination and the divergence of hybridizing species. <i>Genetica</i> , 2002, 116, 167-78.	0.5	39
50	Genes to make new species. <i>Nature</i> , 2003, 423, 699-700.	13.7	35
51	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
52	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
53	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
54	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

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55	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
56	GENETIC VARIATION IN THE SPREAD OF <i>DROSOPHILA SUBOBSCURA</i> FROM A NONEQUILIBRIUM POPULATION. Evolution; International Journal of Organic Evolution, 2000, 54, 696-703.	1.1	27
57	Mutagenesis from Meiotic Recombination Is Not a Primary Driver of Sequence Divergence between <i>Saccharomyces</i> Species. Molecular Biology and Evolution, 2008, 25, 2439-2444.	3.5	26
58	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
59	Isolation and characterization of microsatellite loci from the apple maggot fly <i>Rhagoletis pomonella</i> (Diptera: Tephritidae). Molecular Ecology Notes, 2006, 6, 90-92.	1.7	25
60	Likelihoods From Summary Statistics: Recent Divergence Between Species. Genetics, 2005, 171, 1419-1436.	1.2	24
61	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> . PLoS ONE, 2013, 8, e71582.	1.1	24
62	GENE FLOW BETWEEN <i>DROSOPHILA PSEUDOBSCURA</i> AND <i>D. PERSIMILIS</i> . Evolution; International Journal of Organic Evolution, 2000, 54, 2174-2175.	1.1	23
63	Gene Expression Disruptions of Organism versus Organ in <i>Drosophila</i> Species Hybrids. PLoS ONE, 2008, 3, e3009.	1.1	23
64	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> . Behavior Genetics, 2006, 36, 322-327.	1.4	22
65	Multilocus Test for Introgression between the Cactophilic Species <i>Drosophila mojavensis</i> and <i>Drosophila arizonae</i> . American Naturalist, 2006, 168, 682-696.	1.0	22
66	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
67	Evolutionary Genetics: Jumping into a New Species. Current Biology, 2006, 16, R890-R892.	1.8	18
68	Failure to Replicate Two Mate Preference QTLs across Multiple Strains of <i>Drosophila pseudoobscura</i> . Journal of Heredity, 2008, 99, 653-656.	1.0	18
69	Little qualitative RNA misexpression in sterile male F1 hybrids of <i>Drosophila pseudoobscura</i> and <i>D. persimilis</i> . BMC Evolutionary Biology, 2002, 2, 16.	3.2	17
70	A TEST OF THE CHROMOSOMAL REARRANGEMENT MODEL OF SPECIATION IN <i>DROSOPHILA PSEUDOBSCURA</i> . Evolution; International Journal of Organic Evolution, 2004, 58, 1856.	1.1	17
71	A Balanced Data Archiving Policy for Long-Term Studies. Trends in Ecology and Evolution, 2016, 31, 84-85.	4.2	17
72	THE GENETICS OF REPRODUCTIVE ISOLATION AND THE POTENTIAL FOR GENE EXCHANGE BETWEEN <i>DROSOPHILA PSEUDOBSCURA</i> AND <i>D. PERSIMILIS</i> VIA BACKCROSS HYBRID MALES. Evolution; International Journal of Organic Evolution, 2001, 55, 512-521.	1.1	16

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73	Evolutionary genetics: Gene replacement and the genetics of speciation. <i>Heredity</i> , 2004, 93, 1-2.	1.2	14
74	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
75	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
76	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
77	No evidence for learned mating discrimination in male <i>Drosophila pseudoobscura</i> . <i>BMC Evolutionary Biology</i> , 2006, 6, 54.	3.2	12
78	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
79	Sequence signatures of a recent chromosomal rearrangement in <i>Drosophila mojavensis</i> . <i>Genetica</i> , 2009, 136, 5-11.	0.5	11
80	Are Lethal Alleles Too Abundant in Humans?. <i>Trends in Genetics</i> , 2018, 34, 87-89.	2.9	11
81	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
82	Variability on the dot chromosome in the <i>Drosophila simulans</i> clade. <i>Genetica</i> , 2003, 118, 51-58.	0.5	7
83	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
84	Connecting recombination, nucleotide diversity, and species divergence in <i>Drosophila</i> . <i>Fly</i> , 2008, 2, 255-256.	0.9	7
85	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
86	Recombination and the divergence of hybridizing species. <i>Contemporary Issues in Genetics and Evolution</i> , 2002, , 167-178.	0.9	7
87	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
88	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
89	New microsatellite loci for the European bushcricket, <i>Ephippiger ephippiger</i> (Orthoptera: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	1.7	5
90	Molecular evolution of a <i>Drosophila</i> homolog of human BRCA2. <i>Genetica</i> , 2009, 137, 213-219.	0.5	5

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91	The scuttle fly. <i>Current Biology</i> , 2010, 20, R466-R467.	1.8	5
92	Slip-Sliding Away: Serial Changes and Homoplasy 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
93	GENE FLOW BETWEEN <i>DROSOPHILA PSEUDOOSCURA</i> AND <i>D. PERSIMILIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 2174.	1.1	3
94	Recombination modulates how selection affects linked sites in <i>Drosophila</i> . <i>Nature Precedings</i> , 2012, , .	0.1	3
95	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
96	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
97	PseudoBase: a genomic visualization and exploration resource for the <i>Drosophila pseudoobscura</i> subgroup. <i>Fly</i> , 2021, 15, 38-44.	0.9	3
98	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
99	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
100	A Kingpin of Academic Inclusive Fitness: The History and Contributions of Bruce Grant. <i>Genetics</i> , 2005, 171, 867-871.	1.2	3
101	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
102	Intraspecific Genetic Variation for Behavioral Isolation Loci in <i>Drosophila</i> . <i>Genes</i> , 2021, 12, 1703.	1.0	2
103	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
104	Disentangling Types of Linked Selection Using Patterns of Nucleotide Variation in <i>Drosophila pseudoobscura</i> . <i>Population Genomics</i> , 2021, , 1.	0.2	1