Michael D Shapiro

List of Publications by Year
in descending order

35 papers	3,817 citations	411340 20 h-index	406436 35 g-index
50 all docs	50 docs citations	50 times ranked	5280 citing authors

#	Article	IF	Citations
1	Long-distance dispersal of pigeons and doves generated new ecological opportunities for host-switching and adaptive radiation by their parasites. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220042.	1.2	13
2	Trioâ€binned genomes of the woodrats Neotoma bryanti and Neotoma lepida reveal novel gene islands and rapid copy number evolution of xenobiotic metabolizing genes. Molecular Ecology Resources, 2022, 22, 2713-2731.	2.2	13
3	Toxin tolerance across landscapes: Ecological exposure not a prerequisite. Functional Ecology, 2022, 36, 2119-2131.	1.7	4
4	The assembled and annotated genome of the pigeon louse Columbicola columbae, a model ectoparasite. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	18
5	Two Genomic Loci Control Three Eye Colors in the Domestic Pigeon (Columba livia). Molecular Biology and Evolution, 2021, 38, 5376-5390.	3.5	11
6	A ROR2 coding variant is associated with craniofacial variation in domestic pigeons. Current Biology, 2021, 31, 5069-5076.e5.	1.8	14
7	Complex genetic architecture of threeâ€dimensional craniofacial shape variation in domestic pigeons. Evolution & Development, 2021, 23, 477-495.	1.1	4
8	Darwinâ€™s Fancy Revised: An Updated Understanding of the Genomic Constitution of Pigeon Breeds. Genome Biology and Evolution, 2020, 12, 136-150.	1.1	13
9	A copy number variant is associated with a spectrum of pigmentation patterns in the rock pigeon (Columba livia). PLoS Genetics, 2020, 16, e1008274.	1.5	34
10	Pigeon foot feathering reveals conserved limb identity networks. Developmental Biology, 2019, 454, 128-144.	0.9	19
11	Rapid experimental evolution of reproductive isolation from a single natural population. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13440-13445.	3.3	33
12	Host defense triggers rapid adaptive radiation in experimentally evolving parasites. Evolution Letters, 2019, 3, 120-128.	1.6	26
13	Improved Genome Assembly and Annotation for the Rock Pigeon (Columba livia). G3: Genes, Genomes, Genetics, 2018, 8, 1391-1398.	0.8	62
14	Introgression of regulatory alleles and a missense coding mutation drive plumage pattern diversity in the rock pigeon. ELife, 2018, 7, .	2.8	66
15	Genomic determinants of epidermal appendage patterning and structure in domestic birds. Developmental Biology, 2017, 429, 409-419.	0.9	20
16	Phylogenomics using Target-restricted Assembly Resolves Intra-generic Relationships of Parasitic Lice (Phthiraptera: Columbicola). Systematic Biology, 2017, 66, syx027.	2.7	22
17	Pigeonetics takes flight: Evolution, development, and genetics of intraspecific variation. Developmental Biology, 2017, 427, 241-250.	0.9	49
18	Molecular shifts in limb identity underlie development of feathered feet in two domestic avian species. ELife, 2016, 5, e12115.	2.8	64

#	Article	IF	Citations
19	Wham: Identifying Structural Variants of Biological Consequence. PLoS Computational Biology, 2015, 11, e1004572.	1.5	105
20	Convergent Evolution of Head Crests in Two Domesticated Columbids Is Associated with Different Missense Mutations inEphB2. Molecular Biology and Evolution, 2015, 32, 2657-2664.	3.5	23
21	Modular Skeletal Evolution in Sticklebacks Is Controlled by Additive and Clustered Quantitative Trait Loci. Genetics, 2014, 197, 405-420.	1.2	122
22	Epistatic and Combinatorial Effects of Pigmentary Gene Mutations in the Domestic Pigeon. Current Biology, 2014, 24, 459-464.	1.8	75
23	Genomic Diversity and Evolution of the Head Crest in the Rock Pigeon. Science, 2013, 339, 1063-1067.	6.0	230
24	Domestic pigeons. Current Biology, 2013, 23, R302-R303.	1.8	47
25	A Val85Met Mutation in Melanocortin-1 Receptor Is Associated with Reductions in Eumelanic Pigmentation and Cell Surface Expression in Domestic Rock Pigeons (Columba livia). PLoS ONE, 2013, 8, e74475.	1.1	26
26	Divergence, Convergence, and the Ancestry of Feral Populations in the Domestic Rock Pigeon. Current Biology, 2012, 22, 302-308.	1.8	82
27	Phylogeography of ninespine sticklebacks (Pungitius pungitius) in North America: glacial refugia and the origins of adaptive traits. Molecular Ecology, 2010, 19, 4061-4076.	2.0	56
28	Adaptive Evolution of Pelvic Reduction in Sticklebacks by Recurrent Deletion of a Pitx1 Enhancer. Science, 2010, 327, 302-305.	6.0	901
29	Turnover of Sex Chromosomes in the Stickleback Fishes (Gasterosteidae). PLoS Genetics, 2009, 5, e1000391.	1.5	243
30	The Genetic Architecture of Skeletal Convergence and Sex Determination in Ninespine Sticklebacks. Current Biology, 2009, 19, 1140-1145.	1.8	84
31	Parallel genetic origins of pelvic reduction in vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13753-13758.	3.3	198
32	Genetic and developmental basis of evolutionary pelvic reduction in threespine sticklebacks. Nature, 2004, 428, 717-723.	13.7	771
33	The Genetic Architecture of Parallel Armor Plate Reduction in Threespine Sticklebacks. PLoS Biology, 2004, 2, e109.	2.6	332
34	A large ornithomimid pes from the Lower Cretaceous of the Mazongshan area, northern Gansu Province, People's Republic of China. Journal of Vertebrate Paleontology, 2003, 23, 695-698.	0.4	19
35	A <i>ROR2</i> Coding Variant is Associated with Craniofacial Variation in Domestic Pigeons. SSRN Electronic Journal, 0, , .	0.4	0