

Leonie C Moyle

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,361
citations

201674
27
h-index

175258
52
g-index

81
all docs

81
docs citations

81
times ranked

4843
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring the Genetic Basis of Sex Determination from the Genome of a Dioecious Nightshade. <i>Molecular Biology and Evolution</i> , 2021, 38, 2946-2957.	8.9	2
2	Reproductive Proteins Evolve Faster Than Non-reproductive Proteins Among <i>Solanum</i> Species. <i>Frontiers in Plant Science</i> , 2021, 12, 635990.	3.6	12
3	Introgression shapes fruit color convergence in invasive Galápagos tomato. <i>ELife</i> , 2021, 10, .	6.0	8
4	Highly contiguous assemblies of 101 drosophilid genomes. <i>ELife</i> , 2021, 10, .	6.0	108
5	A shift to shorter cuticular hydrocarbons accompanies sexual isolation among <i>Drosophila americana</i> group populations. <i>Evolution Letters</i> , 2021, 5, 521-540.	3.3	4
6	Testing potential mechanisms of conspecific sperm precedence in <i>Drosophila pseudoobscura</i> . <i>Journal of Evolutionary Biology</i> , 2021, 34, 1970-1980.	1.7	0
7	Regional differences in the abiotic environment contribute to genomic divergence within a wild tomato species. <i>Molecular Ecology</i> , 2020, 29, 2204-2217.	3.9	39
8	Assessing biological factors affecting postspeciation introgression. <i>Evolution Letters</i> , 2020, 4, 137-154.	3.3	49
9	Local extirpation is pervasive among historical populations of Galápagos endemic tomatoes. <i>Evolutionary Ecology</i> , 2020, 34, 289-307.	1.2	3
10	Constitutive and Plastic Gene Expression Variation Associated with Desiccation Resistance Differences in the <i>Drosophila americana</i> Species Group. <i>Genes</i> , 2020, 11, 146.	2.4	8
11	Intraspecific Genetic Variation Underlying Postmating Reproductive Barriers between Species in the Wild Tomato Clade (<i>Solanum</i> sect. <i>Lycopersicon</i>). <i>Journal of Heredity</i> , 2020, 111, 216-226.	2.4	8
12	A simple genetic architecture and low constraint allow rapid floral evolution in a diverse and recently radiating plant genus. <i>New Phytologist</i> , 2019, 223, 1009-1022.	7.3	18
13	Conspecific sperm precedence is reinforced, but postcopulatory sexual selection weakened, in sympatric populations of <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182535.	2.6	15
14	Desiccation resistance and pigmentation variation reflects bioclimatic differences in the <i>Drosophila americana</i> species complex. <i>BMC Evolutionary Biology</i> , 2019, 19, 204.	3.2	12
15	Genome Sequence of <i>Jaltomata</i> Addresses Rapid Reproductive Trait Evolution and Enhances Comparative Genomics in the Hyper-Diverse Solanaceae. <i>Genome Biology and Evolution</i> , 2019, 11, 335-349.	2.5	17
16	Dissecting the basis of novel trait evolution in a radiation with widespread phylogenetic discordance. <i>Molecular Ecology</i> , 2018, 27, 3301-3316.	3.9	59
17	Remating responses are consistent with male postcopulatory manipulation but not reinforcement in <i>D.Âpseudoobscura</i> . <i>Ecology and Evolution</i> , 2017, 7, 507-515.	1.9	9
18	Multiple strong postmating and intrinsic postzygotic reproductive barriers isolate florally diverse species of <i>Jaltomata</i> (<i>Solanaceae</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1556-1571.	2.3	26

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19	Two Loci Contribute Epistatically to Heterospecific Pollen Rejection, a Postmating Isolating Barrier Between Species. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2151-2159.	1.8	9
20	Heterochronic developmental shifts underlie floral diversity within <i>Jaltomata</i> (Solanaceae). <i>EvoDevo</i> , 2017, 8, 17.	3.2	16
21	Pervasive antagonistic interactions among hybrid incompatibility loci. <i>PLoS Genetics</i> , 2017, 13, e1006817.	3.5	46
22	Genome-wide patterns of regulatory divergence revealed by introgression lines. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 696-706.	2.3	32
23	Molecular mechanisms of postmating prezygotic reproductive isolation uncovered by transcriptome analysis. <i>Molecular Ecology</i> , 2016, 25, 2592-2608.	3.9	33
24	Assortative mating and self-fertilization differ in their contributions to reinforcement, cascade speciation, and diversification. <i>Environmental Epigenetics</i> , 2016, 62, 169-181.	1.8	7
25	Phylogenomics Reveals Three Sources of Adaptive Variation during a Rapid Radiation. <i>PLoS Biology</i> , 2016, 14, e1002379.	5.6	364
26	Interspecific Tests of Allelism Reveal the Evolutionary Timing and Pattern of Accumulation of Reproductive Isolation Mutations. <i>PLoS Genetics</i> , 2014, 10, e1004623.	3.5	14
27	Quantitative Genetic Analysis Indicates Natural Selection on Leaf Phenotypes Across Wild Tomato Species (<i>Solanum</i> sect. <i>Lycopersicon</i> ; Solanaceae). <i>Genetics</i> , 2014, 198, 1629-1643.	2.9	56
28	Intraspecific sperm competition genes enforce post-mating species barriers in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20142050.	2.6	31
29	Merging Ecology and Genomics to Dissect Diversity in Wild Tomatoes and Their Relatives. <i>Advances in Experimental Medicine and Biology</i> , 2014, 781, 273-298.	1.6	13
30	Morphological and anatomical determinants of mesophyll conductance in wild relatives of tomato (<i>Solanum</i> sect. <i>Lycopersicon</i> , sect.) <i>Tj ETQqO O O rgBT /Overlock 10 Tf 50 302 Td</i> (<i>Lycopersicon</i> sect. <i>Lycopersicon</i>) <i>1415-1426</i> .	5.7	82
31	No evidence for phylogenetic constraint on natural defense evolution among wild tomatoes. <i>Ecology</i> , 2014, 95, 1633-1641.	3.2	39
32	Fertile approaches to dissecting mechanisms of premating and postmating prezygotic reproductive isolation. <i>Current Opinion in Plant Biology</i> , 2014, 18, 16-23.	7.1	27
33	Sequencing, Assembling, and Correcting Draft Genomes Using Recombinant Populations. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 669-679.	1.8	36
34	Evolutionary Implications of Mechanistic Models of TE-Mediated Hybrid Incompatibility. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-12.	1.0	17
35	Hybrid Sterility over Tens of Meters Between Ecotypes Adapted to Serpentine and Non-Serpentine Soils. <i>Evolutionary Biology</i> , 2012, 39, 207-218.	1.1	32
36	The fruit cuticles of wild tomato species exhibit architectural and chemical diversity, providing a new model for studying the evolution of cuticle function. <i>Plant Journal</i> , 2012, 69, 655-666.	5.7	96

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37	PATTERNS OF REPRODUCTIVE ISOLATION IN NOLANA (CHILEAN BELLFLOWER). <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2628-2636.	2.3	45
38	Interspecific reproductive barriers in the tomato clade: opportunities to decipher mechanisms of reproductive isolation. <i>Sexual Plant Reproduction</i> , 2011, 24, 171-187.	2.2	112
39	Hybrid Incompatibility “Snowballs” Between <i>Solanum</i> Species. <i>Science</i> , 2010, 329, 1521-1523.	12.6	211
40	Reciprocal insights into adaptation from agricultural and evolutionary studies in tomato. <i>Evolutionary Applications</i> , 2010, 3, 409-421.	3.1	19
41	THE CONTRIBUTION OF GENE MOVEMENT TO THE “TWO RULES OF SPECIATION”. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1541-1557.	2.3	55
42	Ecological and geographic modes of species divergence in wild tomatoes. <i>American Journal of Botany</i> , 2010, 97, 680-693.	1.7	257
43	Complex Epistasis for Dobzhansky–Muller Hybrid Incompatibility in <i>Solanum</i> . <i>Genetics</i> , 2009, 181, 347-351.	2.9	33
44	Reproductive isolation grows on trees. <i>Trends in Ecology and Evolution</i> , 2009, 24, 591-598.	8.7	28
45	Antagonistic epistasis for ecophysiological trait differences between <i>Solanum</i> species. <i>New Phytologist</i> , 2009, 183, 789-802.	7.3	23
46	ENVIRONMENTAL FACTORS PREDICT ADAPTIVE PHENOTYPIC DIFFERENTIATION WITHIN AND BETWEEN TWO WILD ANDEAN TOMATOES. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 774-792.	2.3	86
47	ECOLOGICAL AND EVOLUTIONARY GENOMICS IN THE WILD TOMATOES (<i>SOLANUM</i> SECT. <i>LYCOPERSICON</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2995-3013.	2.3	107
48	Genetic underpinnings of postzygotic reproductive barriers among plants. <i>New Phytologist</i> , 2008, 179, 572-574.	7.3	7
49	Comparative Genetics of Hybrid Incompatibility: Sterility in Two <i>Solanum</i> Species Crosses. <i>Genetics</i> , 2008, 179, 1437-1453.	2.9	63
50	Asymmetric Postmating Isolation: Darwin's Corollary to Haldane's Rule. <i>Genetics</i> , 2007, 176, 1059-1088.	2.9	345
51	Comparative Genetics of Potential Prezygotic and Postzygotic Isolating Barriers in a <i>Lycopersicon</i> Species Cross. <i>Journal of Heredity</i> , 2007, 98, 123-135.	2.4	32
52	Correlates of genetic differentiation and isolation by distance in 17 congeneric <i>Silene</i> species. <i>Molecular Ecology</i> , 2006, 15, 1067-1081.	3.9	53
53	Genome-Wide Associations Between Hybrid Sterility QTL and Marker Transmission Ratio Distortion. <i>Molecular Biology and Evolution</i> , 2006, 23, 973-980.	8.9	65
54	Genetics of Hybrid Incompatibility Between <i>Lycopersicon esculentum</i> and <i>L. hirsutum</i> . <i>Genetics</i> , 2005, 169, 355-373.	2.9	110

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55	Assessing the origin of species in the genomic era. <i>Genome Biology</i> , 2005, 6, 217.	9.6	3
56	PATTERNS OF REPRODUCTIVE ISOLATION IN THREE ANGIOSPERM GENERA. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1195-1208.	2.3	213
57	POPULATION VIABILITY ANALYSIS IN ENDANGERED SPECIES RECOVERY PLANS: PAST USE AND FUTURE IMPROVEMENTS. , 2002, 12, 708-712.		110
58	Most Ingenious: Troubles and Triumphs of a Century of Genes. <i>Biology and Philosophy</i> , 2002, 17, 715-727.	1.4	2