Lino Ometto

List of Publications by Year
in descending order

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34	2,021	304743	377865
papers	citations	22	34
		h-index	g-index

42	42	42	3130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Impact of Fast Radiation on the Phylogeny of Bactrocera Fruit Flies as Revealed by Multiple Evolutionary Models and Mutation Rate-Calibrated Clock. Insects, 2022, 13, 603.	2.2	4
2	The discovery, distribution, and diversity of DNA viruses associated withDrosophila melanogasterin Europe. Virus Evolution, 2021, 7, veab031.	4.9	25
3	Phylogenomics of Opsin Genes in Diptera Reveals Lineage-Specific Events and Contrasting Evolutionary Dynamics in Anopheles and Drosophila. Genome Biology and Evolution, 2021, 13, .	2.5	16
4	Drosophila Evolution over Space and Time (DEST): A New Population Genomics Resource. Molecular Biology and Evolution, 2021, 38, 5782-5805.	8.9	37
5	Viviparity and habitat restrictions may influence the evolution of male reproductive genes in tsetse fly (Glossina) species. BMC Biology, 2021, 19, 211.	3.8	5
6	Distinct genotypes and phenotypes in European and American strains of Drosophila suzukii: implications for biology and management of an invasive organism. Journal of Pest Science, 2020, 93, 77-89.	3.7	29
7	Linking omics and ecology to dissect interactions between the apple proliferation phytoplasma and its psyllid vector Cacopsylla melanoneura. Insect Biochemistry and Molecular Biology, 2020, 127, 103474.	2.7	5
8	Comparative genomic analysis of six Glossina genomes, vectors of African trypanosomes. Genome Biology, 2019, 20, 187.	8.8	71
9	A chromosome-level genome assembly of Cydia pomonella provides insights into chemical ecology and insecticide resistance. Nature Communications, 2019, 10, 4237.	12.8	102
10	Polymorphism analyses and protein modelling inform on functional specialization of PiwiÂclade genes in the arboviral vector Aedes albopictus. PLoS Neglected Tropical Diseases, 2019, 13, e0007919.	3.0	16
11	Large-scale spatial dynamics of Drosophila suzukii in Trentino, Italy. Journal of Pest Science, 2018, 91, 1213-1224.	3.7	78
12	Survival and divergence in a small group: The extraordinary genomic history of the endangered Apennine brown bear stragglers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9589-E9597.	7.1	140
13	Genome comparisons indicate recent transfer of <scp>wR</scp>iâ€like Wolbachia between sister species Drosophila suzukii and D.Âsubpulchrella. Ecology and Evolution, 2017, 7, 9391-9404.	1.9	49
14	Comparative genomics shows that viral integrations are abundant and express piRNAs in the arboviral vectors Aedes aegypti and Aedes albopictus. BMC Genomics, 2017, 18, 512.	2.8	138
15	Genetic variability in Italian populations of Drosophila suzukii. BMC Genetics, 2017, 18, 87.	2.7	16
16	Extracting spatioâ€temporal patterns in animal trajectories: an ecological application of sequence analysis methods. Methods in Ecology and Evolution, 2016, 7, 369-379.	5.2	35
17	Evolutionary Insights into Taste Perception of the Invasive Pest Drosophila suzukii. G3: Genes, Genomes, Genetics, 2016, 6, 4185-4196.	1.8	35
18	Multiple lines of evidence for reproductive winter diapause in the invasive pest Drosophila suzukii: useful clues for control strategies. Journal of Pest Science, 2016, 89, 689-700.	3.7	98

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19	The Evolution of Olfactory Gene Families inDrosophilaand the Genomic Basis of chemical-Ecological Adaptation inDrosophila suzukii. Genome Biology and Evolution, 2016, 8, 2297-2311.	2.5	76
20	Demographic History, Population Structure, and Local Adaptation in Alpine Populations of Cardamine impatiens and Cardamine resedifolia. PLoS ONE, 2015, 10, e0125199.	2.5	10
21	Interkingdom Transfer of the Acne-Causing Agent, Propionibacterium acnes, from Human to Grapevine. Molecular Biology and Evolution, 2014, 31, 1059-1065.	8.9	54
22	Spatiotemporal reconstruction of the Aquilegia rapid radiation through nextâ€generation sequencing of rapidly evolving cp<scp>DNA</scp> regions. New Phytologist, 2013, 198, 579-592.	7.3	86
23	Evolution at Two Levels in Fire Ants: The Relationship between Patterns of Gene Expression and Protein Sequence Evolution. Molecular Biology and Evolution, 2013, 30, 263-271.	8.9	46
24	Linking Genomics and Ecology to Investigate the Complex Evolution of an Invasive Drosophila Pest. Genome Biology and Evolution, 2013, 5, 745-757.	2.5	138
25	Selective Sweep in the Flotillin-2 Region of European Drosophila melanogaster. PLoS ONE, 2013, 8, e56629.	2.5	4
26	Disruption of gene expression in hybrids of the fire ants Solenopsis invicta and Solenopsis richteri. Molecular Ecology, 2012, 21, 2488-2501.	3.9	6
27	Rates of evolution in stress-related genes are associated with habitat preference in two Cardamine lineages. BMC Evolutionary Biology, 2012, 12, 7.	3.2	24
28	Relaxed selection is a precursor to the evolution of phenotypic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15936-15941.	7.1	148
29	Evolution of Gene Expression in Fire Ants: The Effects of Developmental Stage, Caste, and Species. Molecular Biology and Evolution, 2011, 28, 1381-1392.	8.9	81
30	Contrasting patterns of sequence divergence and base composition between Drosophila introns and intergenic regions. Biology Letters, 2006, 2, 604-607.	2.3	12
31	Insertion/Deletion and Nucleotide Polymorphism Data Reveal Constraints in Drosophila melanogaster Introns and Intergenic Regions. Genetics, 2005, 169, 1521-1527.	2.9	43
32	Inferring the Effects of Demography and Selection on Drosophila melanogaster Populations from a Chromosome-Wide Scan of DNA Variation. Molecular Biology and Evolution, 2005, 22, 2119-2130.	8.9	133
33	Demography and Natural Selection Have Shaped Genetic Variation in Drosophila melanogaster: A Multi-locus Approach. Genetics, 2003, 165, 1269-1278.	2.9	217
34	Teratogenic and Toxic Effects of Alcohol Ethoxylate and Alcohol Ethoxy Sulfate Surfactants on Xenopus laevis Embryos and Tadpoles. Ecotoxicology and Environmental Safety, 2001, 48, 170-177.	6.0	26