

# Siu F Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,989  
citations

430874

18  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry. <i>Nature</i> , 2011, 477, 203-206.	27.8	509
2	Temporal expression of heat shock genes during cold stress and recovery from chill coma in adult <i>Drosophila melanogaster</i> . <i>FEBS Journal</i> , 2010, 277, 174-185.	4.7	246
3	Rapid Sequential Spread of Two Wolbachia Variants in <i>Drosophila simulans</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003607.	4.7	169
4	High-Throughput PCR Assays To Monitor Wolbachia Infection in the Dengue Mosquito ( <i>Aedes aegypti</i> ) and <i>Drosophila simulans</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4740-4743.	3.1	107
5	Synteny and Chromosome Evolution in the Lepidoptera: Evidence From Mapping in <i>Heliconius melpomene</i> . <i>Genetics</i> , 2007, 177, 417-426.	2.9	101
6	Knocking down expression of <i>Hsp22</i> and <i>Hsp23</i> by RNA interference affects recovery from chill coma in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 4146-4150.	1.7	79
7	Effects of small Hsp genes on developmental stability and microenvironmental canalization. <i>BMC Evolutionary Biology</i> , 2010, 10, 284.	3.2	78
8	Association between Three Mutations, F1565C, V1023G and S996P, in the Voltage-Sensitive Sodium Channel Gene and Knockdown Resistance in <i>Aedes aegypti</i> from Yogyakarta, Indonesia. <i>Insects</i> , 2015, 6, 658-685.	2.2	71
9	Characterization of a hotspot for mimicry: assembly of a butterfly wing transcriptome to genomic sequence at the <i>HmYb/Sb</i> locus. <i>Molecular Ecology</i> , 2010, 19, 240-254.	3.9	70
10	<i>Lucilia cuprina</i> genome unlocks parasitic fly biology to underpin future interventions. <i>Nature Communications</i> , 2015, 6, 7344.	12.8	67
11	Functional Characterization of the Frost Gene in <i>Drosophila melanogaster</i> : Importance for Recovery from Chill Coma. <i>PLoS ONE</i> , 2010, 5, e10925.	2.5	55
12	Genomic evidence for role of inversion <i>3<sup>RP</sup></i> of <i>Drosophila melanogaster</i> in facilitating climate change adaptation. <i>Molecular Ecology</i> , 2015, 24, 2423-2432.	3.9	53
13	Study of the aminopeptidase N gene family in the lepidopterans <i>Ostrinia nubilalis</i> (Hübner) and <i>Bombyx mori</i> (L.): Sequences, mapping and expression. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 506-515.	2.7	46
14	Polymorphism in the <i>couch potato</i> gene clines in eastern Australia but is not associated with ovarian dormancy in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2011, 20, 2973-2984.	3.9	45
15	Genetic structure of European and Mediterranean maize borer populations on several wild and cultivated host plants. <i>Entomologia Experimentalis Et Applicata</i> , 2006, 120, 51-62.	1.4	42
16	Molecular Basis of Adaptive Shift in Body Size in <i>Drosophila melanogaster</i> : Functional and Sequence Analyses of the <i>Dca</i> Gene. <i>Molecular Biology and Evolution</i> , 2011, 28, 2393-2402.	8.9	31
17	A Wolbachia infection from <i>Drosophila</i> that causes cytoplasmic incompatibility despite low prevalence and densities in males. <i>Heredity</i> , 2019, 122, 428-440.	2.6	31
18	Tropical <i>Drosophila pandoracarry</i> Wolbachia infections causing cytoplasmic incompatibility or male killing. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1791-1802.	2.3	30

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19	Complexity of the genetic basis of ageing in nature revealed by a clinal study of lifespan and <i>methuselah</i> , a gene for ageing, in <i>Drosophila</i> from eastern Australia. <i>Molecular Ecology</i> , 2013, 22, 3539-3551.	3.9	22
20	Genomic changes associated with adaptation to arid environments in cactophilic <i>Drosophila</i> species. <i>BMC Genomics</i> , 2019, 20, 52.	2.8	22
21	Polymorphism in the <i>neurofibromin</i> gene, <i>Nf1</i> , is associated with antagonistic selection on wing size and development time in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2013, 22, 2716-2725.	3.9	21
22	Genes involved in cysteine metabolism of <i>Chironomus tepperi</i> are regulated differently by copper and by cadmium. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 1-6.	2.6	19
23	Genome-Wide Transcription Analysis of Clinal Genetic Variation in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e34620.	2.5	18
24	Selective Sweeps at the Organophosphorus Insecticide Resistance Locus, <i>Rop-1</i> , Have Affected Variation across and beyond the $\text{A-Esterase}$ Gene Cluster in the Australian Sheep Blowfly, <i>Lucilia cuprina</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 1835-1846.	8.9	16
25	Phylogenomic analyses of the genus <i>Drosophila</i> reveals genomic signals of climate adaptation. <i>Molecular Ecology Resources</i> , 2022, 22, 1559-1581.	4.8	15
26	Identification, analysis, and linkage mapping of expressed sequence tags from the Australian sheep blowfly. <i>BMC Genomics</i> , 2011, 12, 406.	2.8	11
27	Orthonome – a new pipeline for predicting high quality orthologue gene sets applicable to complete and draft genomes. <i>BMC Genomics</i> , 2017, 18, 673.	2.8	11
28	Genetic Variation and Its Reflection on Posttranslational Modifications in Frequency Clock and Mating Type $\alpha$ -1 Proteins in <i>Sordaria fimicola</i> . <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	3
29	Evaluating Short Sequence Repeats (SSRs) Markers in <i>Sordaria fimicola</i> by High Resolution Melt Analysis. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 248-254.	0.4	1
30	Multi-locus genotyping of stored sperm reveals female remating rates in wild populations of the Queensland fruit fly. <i>Current Research in Insect Science</i> , 2022, 2, 100040.	1.7	0