

# Camilo A Salazar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2020626/publications.pdf>

Version: 2024-02-01

60  
papers

6,405  
citations

117571

34  
h-index

128225

60  
g-index

74  
all docs

74  
docs citations

74  
times ranked

6372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. <i>Nature</i> , 2012, 487, 94-98.	13.7	1,086
2	Genome-wide evidence for speciation with gene flow in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013, 23, 1817-1828.	2.4	609
3	Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry. <i>Nature</i> , 2011, 477, 203-206.	13.7	509
4	Speciation by hybridization in <i>Heliconius</i> butterflies. <i>Nature</i> , 2006, 441, 868-871.	13.7	412
5	Genomic architecture and introgression shape a butterfly radiation. <i>Science</i> , 2019, 366, 594-599.	6.0	365
6	Adaptive Introgression across Species Boundaries in <i>Heliconius</i> Butterflies. <i>PLoS Genetics</i> , 2012, 8, e1002752.	1.5	319
7	Recombination rate variation shapes barriers to introgression across butterfly genomes. <i>PLoS Biology</i> , 2019, 17, e2006288.	2.6	253
8	The gene cortex controls mimicry and crypsis in butterflies and moths. <i>Nature</i> , 2016, 534, 106-110.	13.7	212
9	Complex modular architecture around a simple toolkit of wing pattern genes. <i>Nature Ecology and Evolution</i> , 2017, 1, 52.	3.4	179
10	Genome-wide patterns of divergence and gene flow across a butterfly radiation. <i>Molecular Ecology</i> , 2013, 22, 814-826.	2.0	160
11	Evolutionary Novelty in a Butterfly Wing Pattern through Enhancer Shuffling. <i>PLoS Biology</i> , 2016, 14, e1002353.	2.6	136
12	Towards the identification of the loci of adaptive evolution. <i>Methods in Ecology and Evolution</i> , 2015, 6, 445-464.	2.2	115
13	Hybrid Sterility, Haldane's Rule and Speciation in <i>Heliconius cydno</i> and <i>H. melpomene</i> . <i>Genetics</i> , 2002, 161, 1517-1526.	1.2	111
14	Hybrid trait speciation and <i>Heliconius</i> butterflies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3047-3054.	1.8	108
15	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1631-1638.	1.1	98
16	ASSORTATIVE MATING PREFERENCES AMONG HYBRIDS OFFERS A ROUTE TO HYBRID SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1660-1665.	1.1	96
17	Natural Selection and Genetic Diversity in the Butterfly <i>Heliconius melpomene</i> . <i>Genetics</i> , 2016, 203, 525-541.	1.2	94
18	Genetic Evidence for Hybrid Trait Speciation in <i>Heliconius</i> Butterflies. <i>PLoS Genetics</i> , 2010, 6, e1000930.	1.5	90

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19	Male sex pheromone components in <i>Heliconius</i> butterflies released by the androconia affect female choice. PeerJ, 2017, 5, e3953.	0.9	79
20	Genomic architecture of adaptive color pattern divergence and convergence in <i>Heliconius</i> butterflies. Genome Research, 2013, 23, 1248-1257.	2.4	72
21	Genomes-based phylogeny of the genus <i>Xanthomonas</i> . BMC Microbiology, 2012, 12, 43.	1.3	71
22	Evolution of novel mimicry rings facilitated by adaptive introgression in tropical butterflies. Molecular Ecology, 2017, 26, 5160-5172.	2.0	70
23	Patterns of Z chromosome divergence among <i>Heliconius</i> species highlight the importance of historical demography. Molecular Ecology, 2018, 27, 3852-3872.	2.0	69
24	Selective sweeps on novel and introgressed variation shape mimicry loci in a butterfly adaptive radiation. PLoS Biology, 2020, 18, e3000597.	2.6	60
25	Genetic diversity of <i>Phytophthora infestans</i> in the Northern Andean region. BMC Genetics, 2011, 12, 23.	2.7	58
26	Horizontal <i>arsC</i> gene transfer among microorganisms isolated from arsenic polluted soil. International Biodeterioration and Biodegradation, 2011, 65, 147-152.	1.9	56
27	Untangling the transmission dynamics of primary and secondary vectors of <i>Trypanosoma cruzi</i> in Colombia: parasite infection, feeding sources and discrete typing units. Parasites and Vectors, 2016, 9, 620.	1.0	55
28	Interplay between Developmental Flexibility and Determinism in the Evolution of Mimetic <i>Heliconius</i> Wing Patterns. Current Biology, 2019, 29, 3996-4009.e4.	1.8	55
29	Two sisters in the same dress: <i>Heliconius</i> cryptic species. BMC Evolutionary Biology, 2008, 8, 324.	3.2	54
30	What shapes the continuum of reproductive isolation? Lessons from <i>Heliconius</i> butterflies. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170335.	1.2	54
31	Hybridization promotes color polymorphism in the aposematic harlequin poison frog, <i>Oophaga histrionica</i> . Ecology and Evolution, 2013, 3, 4388-4400.	0.8	46
32	Peace in Colombia is a critical moment for Neotropical connectivity and conservation: Save the northern Andes–Amazon biodiversity bridge. Conservation Letters, 2019, 12, e12594.	2.8	46
33	Taxonomical over splitting in the <i>Rhodnius prolixus</i> (Insecta: Hemiptera: Reduviidae) clade: Are <i>R. taquarussuensis</i> (da Rosa et al., 2017) and <i>R. neglectus</i> (Lent, 1954) the same species?. PLoS ONE, 2019, 14, e0211285.	1.1	46
34	Multiple sources of reproductive isolation in a bimodal butterfly hybrid zone. Journal of Evolutionary Biology, 2010, 23, 1312-1320.	0.8	45
35	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in <i>Heliconius</i> . ELife, 2021, 10, .	2.8	40
36	Hybrid incompatibility is consistent with a hybrid origin of <i>Heliconius heurippa</i> Hewitson from its close relatives, <i>Heliconius cydno</i> Doubleday and <i>Heliconius melpomene</i> Linnaeus. Journal of Evolutionary Biology, 2004, 18, 247-256.	0.8	39

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37	Population structure of the corals <i>Orbicella faveolata</i> and <i>Acropora palmata</i> in the Mesoamerican Barrier Reef System with comparisons over Caribbean basin-wide spatial scale. <i>Marine Biology</i> , 2015, 162, 81-98.	0.7	36
38	The Scent Chemistry of <i>Heliconius</i> Wing Androconia. <i>Journal of Chemical Ecology</i> , 2017, 43, 843-857.	0.9	36
39	Chemical signals act as the main reproductive barrier between sister and mimetic <i>Heliconius</i> butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200587.	1.2	33
40	Species specificity and intraspecific variation in the chemical profiles of <i>Heliconius</i> butterflies across a large geographic range. <i>Ecology and Evolution</i> , 2020, 10, 3895-3918.	0.8	31
41	Gene flow and the genealogical history of <i>Heliconius heurippa</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 132.	3.2	30
42	An introgressed wing pattern acts as a mating cue. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1619-1629.	1.1	25
43	Gene flow and Andean uplift shape the diversification of <i>Gasteracantha cancriformis</i> (Araneae: Tj ETQq1 1 0,784314 rgBT /Overl	0.8	25
44	Phylogeography of <i>Heliconius cydno</i> and its closest relatives: disentangling their origin and diversification. <i>Molecular Ecology</i> , 2014, 23, 4137-4152.	2.0	21
45	Sharp genetic discontinuity across a unimodal <i>Heliconius</i> hybrid zone. <i>Molecular Ecology</i> , 2012, 21, 5778-5794.	2.0	19
46	No genomic mosaicism in a putative hybrid butterfly species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1255-1264.	1.2	17
47	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1631.	1.1	13
48	Deep Convergence, Shared Ancestry, and Evolutionary Novelty in the Genetic Architecture of <i>Heliconius</i> Mimicry. <i>Genetics</i> , 2020, 216, 765-780.	1.2	13
49	An exploration of the complex biogeographical history of the Neotropical banner-wing damselflies (Odonata: Polythoridae). <i>BMC Evolutionary Biology</i> , 2020, 20, 74.	3.2	12
50	Light environment influences mating behaviours during the early stages of divergence in tropical butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210157.	1.2	12
51	A new subspecies in a <i>Heliconius</i> butterfly adaptive radiation (Lepidoptera: Nymphalidae). <i>Zoological Journal of the Linnean Society</i> , 2017, 180, 805-818.	1.0	11
52	Genetic diversification of <i>Panstrongylus geniculatus</i> (Reduviidae: Triatominae) in northern South America. <i>PLoS ONE</i> , 2019, 14, e0223963.	1.1	11
53	Taxonomic reassessment of the genus <i>Dichotomius</i> (Coleoptera: Scarabaeinae) through integrative taxonomy. <i>PeerJ</i> , 2019, 7, e7332.	0.9	10
54	A neotropical polymorphic damselfly shows poor congruence between genetic and traditional morphological characters in Odonata. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 912-917.	1.2	9

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55	Müllerian mimicry of a quantitative trait despite contrasting levels of genomic divergence and selection. <i>Molecular Ecology</i> , 2020, 29, 2016-2030.	2.0	8
56	Divergence promoted by the northern Andes in the giant fishing spider <i>Ancylometes bogotensis</i> (Araneae: Ctenidae). <i>Biological Journal of the Linnean Society</i> , 2021, 132, 495-508.	0.7	6
57	Environmental Drivers of Diversification and Hybridization in Neotropical Butterflies. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	6
58	A molecular systematic analysis of the Neotropical banner winged damselflies (Polythoridae: Odonata). <i>Systematic Entomology</i> , 2018, 43, 56-67.	1.7	5
59	Dissecting a Geographical Colourful Tapestry: Phylogeography of the Colour Polymorphic Spider <i>Gasteracantha cancriformis</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2022, 2022, 1-11.	0.6	4
60	Phylogenetic relationships and evolutionary patterns of the genus <i>Psammolestes</i> Bergroth, 1911 (Hemiptera: Reduviidae: Triatominae). <i>Bmc Ecology and Evolution</i> , 2022, 22, 30.	0.7	3