

# Silvia Beatriz Lanzavecchia

## List of Publications by Year in descending order

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28  
papers

408  
citations

687363

13  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Discovery through Genomic Sequencing of <i>Brucella abortus</i> . <i>Infection and Immunity</i> , 2001, 69, 865-868.	2.2	41
2	Genetics and biology of <i>Anastrepha fraterculus</i> : research supporting the use of the sterile insect technique (SIT) to control this pest in Argentina. <i>BMC Genetics</i> , 2014, 15, S12.	2.7	39
3	<i>Wolbachia pipientis</i> Associated With Tephritid Fruit Fly Pests: From Basic Research to Applications. <i>Frontiers in Microbiology</i> , 2020, 11, 1080.	3.5	37
4	Microsatellite markers from the 'South American fruit fly' <i>Anastrepha fraterculus</i> : a valuable tool for population genetic analysis and SIT applications. <i>BMC Genetics</i> , 2014, 15, S13.	2.7	25
5	<i>Wolbachia</i> infection in Argentinean populations of <i>Anastrepha fraterculus</i> sp1: preliminary evidence of sex ratio distortion by one of two strains. <i>BMC Microbiology</i> , 2019, 19, 289.	3.3	25
6	Relevant genetic differentiation among Brazilian populations of <i>Anastrepha fraterculus</i> (Diptera, Tephritidae). <i>Journal of Invertebrate Pathology</i> , 2010, 10, 50-53.	1.1	23
7	Gut bacterial diversity and physiological traits of <i>Anastrepha fraterculus</i> Brazilian-1 morphotype males are affected by antibiotic treatment. <i>BMC Microbiology</i> , 2019, 19, 283.	3.3	22
8	Dynamics of genetic variability in <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) during adaptation to laboratory rearing conditions. <i>BMC Genetics</i> , 2014, 15, S14.	2.7	21
9	Molecular characterization of <i>Apis mellifera</i> colonies from Argentina: genotypic admixture associated with ecoclimatic regions and apicultural activities. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 724-738.	1.4	20
10	Symbionts do not affect the mating incompatibility between the Brazilian-1 and Peruvian morphotypes of the <i>Anastrepha fraterculus</i> cryptic species complex. <i>Scientific Reports</i> , 2019, 9, 18319.	3.3	19
11	Distribution and prevalence of <i>Nosema apis</i> and <i>N. ceranae</i> in temperate and subtropical eco-regions of Argentina. <i>Journal of Invertebrate Pathology</i> , 2016, 141, 34-37.	3.2	18
12	Grooming Behavior in Naturally <i>Varroa</i> -Resistant <i>Apis mellifera</i> Colonies From North-Central Argentina. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	18
13	Rearing of the fruit fly parasitoid <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae) on X-ray irradiated larvae of <i>Ceratitis capitata</i> (Diptera: Tephritidae). <i>Biocontrol Science and Technology</i> , 2012, 22, 1429-1441.	1.3	14
14	Cytogenetic characterization of <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae), a parasitoid wasp used as a biological control agent. <i>European Journal of Entomology</i> , 2013, 110, 401-409.	1.2	12
15	Complementary Sex Determination in the Parasitic Wasp <i>Diachasmimorpha longicaudata</i> . <i>PLoS ONE</i> , 2015, 10, e0119619.	2.5	11
16	Genetic variation and heteroplasmy of <i>Varroa destructor</i> inferred from ND4 mtDNA sequences. <i>Parasitology Research</i> , 2020, 119, 411-421.	1.6	9
17	Sex chromosomes in mitotic and polytene tissues of <i>Anastrepha fraterculus</i> (Diptera, Tephritidae) from Argentina: a review. <i>ZooKeys</i> , 2015, 540, 83-94.	1.1	9
18	Individual precocity, temporal persistence, and task-specialization of hygienic bees from selected colonies of <i>Apis mellifera</i> . <i>Journal of Apicultural Science</i> , 2016, 60, 63-74.	0.4	7

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19	Cytogenetic Analysis of the South American Fruit Fly <i>Anastrepha fraterculus</i> (Diptera:Tephritidae) Species Complex: Construction of Detailed Photographic Polytene Chromosome Maps of the Argentinian Af. sp.1 Member. PLoS ONE, 2016, 11, e0157192.	2.5	6
20	Gut Bacteriome Analysis of <i>Anastrepha fraterculus</i> sp. 1 During the Early Steps of Laboratory Colonization. Frontiers in Microbiology, 2020, 11, 570960.	3.5	5
21	Geographic distribution of sex chromosome polymorphism in <i>Anastrepha fraterculus</i> sp. 1 from Argentina. BMC Genetics, 2020, 21, 149.	2.7	5
22	Identification and characterization of soluble binding proteins associated with host foraging in the parasitoid wasp <i>Diachasmimorpha longicaudata</i> . PLoS ONE, 2021, 16, e0252765.	2.5	4
23	Defensive Behavior and Morphometric Variation in <i>Apis mellifera</i> Colonies From Two Different Agro-Ecological Zones of North-Western Argentina. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	4
24	Transcriptome profiling of <i>Diachasmimorpha longicaudata</i> towards useful molecular tools for population management. BMC Genomics, 2016, 17, 793.	2.8	3
25	Transcriptome analysis of <i>Anastrepha fraterculus</i> sp. 1 males, females, and embryos: insights into development, courtship, and reproduction. BMC Genetics, 2020, 21, 136.	2.7	3
26	Cryptic genetic structure in an Argentinian population of <i>Anastrepha fraterculus</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td 109-122.	1.2	2
27	Analysis of the Gut Bacterial Community of Wild Larvae of <i>Anastrepha fraterculus</i> sp. 1: Effect of Host Fruit, Environment, and Prominent Stable Associations of the Genera <i>Wolbachia</i> , <i>Tatumella</i> , and <i>Enterobacter</i> . Frontiers in Microbiology, 2022, 13, 822990.	3.5	2
28	Cytogenetic analysis of three species of <i>Pseudacteon</i> (Diptera, Phoridae) parasitoids of the fire ants using standard and molecular techniques. Genetics and Molecular Biology, 2009, 32, 740-747.	1.3	1