

# Antigone zacharopoulou

## List of Publications by Year in descending order

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61  
papers

1,747  
citations

304743

22  
h-index

315739

38  
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62  
all docs

62  
docs citations

62  
times ranked

1042  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chromosomes of <i>Zeugodacus tau</i> and <i>Zeugodacus cucurbitae</i> : A Comparative Analysis. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	5
2	A Novel Genetic Sexing Strain of <i>Anastrepha ludens</i> for Cost-Effective Sterile Insect Technique Applications: Improved Genetic Stability and Rearing Efficiency. <i>Insects</i> , 2021, 12, 499.	2.2	6
3	Development and characterization of a pupal-colour based genetic sexing strain of <i>Anastrepha fraterculus</i> sp. 1 (Diptera: Tephritidae). <i>BMC Genetics</i> , 2020, 21, 134.	2.7	5
4	The chromosomes of <i>Drosophila suzukii</i> (Diptera: Drosophilidae): detailed photographic polytene chromosomal maps and in situ hybridization data. <i>Molecular Genetics and Genomics</i> , 2019, 294, 1535-1546.	2.1	2
5	The Complete Mitochondrial Genome of <i>Bactrocera carambolae</i> (Diptera: Tephritidae): Genome Description and Phylogenetic Implications. <i>Insects</i> , 2019, 10, 429.	2.2	12
6	A review of more than 30 years of cytogenetic studies of <i>Tephritidae</i> in support of sterile insect technique and global trade. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 164, 204-225.	1.4	29
7	<i>Ceratitis capitata</i> genetic sexing strains: laboratory evaluation of strains from mass rearing facilities worldwide. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 164, 305-317.	1.4	41
8	The chromosomes and the mitogenome of <i>Ceratitis fasciventris</i> (Diptera: Tephritidae): two genetic approaches towards the <i>Ceratitis</i> FAR species complex resolution. <i>Scientific Reports</i> , 2017, 7, 4877.	3.3	18
9	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. <i>PLoS ONE</i> , 2016, 11, e0157192.	2.5	6
10	Cryopreservation of Embryos of the Mediterranean Fruit Fly <i>Ceratitis capitata</i> Vienna 8 Genetic Sexing Strain. <i>PLoS ONE</i> , 2016, 11, e0160232.	2.5	7
11	The whole genome sequence of the Mediterranean fruit fly, <i>Ceratitis capitata</i> (Wiedemann), reveals insights into the biology and adaptive evolution of a highly invasive pest species. <i>Genome Biology</i> , 2016, 17, 192.	8.8	130
12	Synonymization of key pest species within the <i>Bactrocera dorsalis</i> species complex (Diptera: Tephritidae): taxonomic changes based on a review of 20 years of integrative morphological, molecular, cytogenetic, behavioural and chemoecological data. <i>Systematic Entomology</i> , 2015, 40, 456-471.	3.9	175
13	Achilles, a New Family of Transcriptionally Active Retrotransposons from the Olive Fruit Fly, with Y Chromosome Preferential Distribution. <i>PLoS ONE</i> , 2015, 10, e0137050.	2.5	6
14	Cytogenetic and symbiont analysis of five members of the <i>B. dorsalis</i> complex (Diptera, Tephritidae): no evidence of chromosomal or symbiont-based speciation events. <i>ZooKeys</i> , 2015, 540, 273-298.	1.1	19
15	Development, genetic and cytogenetic analyses of genetic sexing strains of the Mexican fruit fly, <i>Anastrepha ludens</i> Loew (Diptera: Tephritidae). <i>BMC Genetics</i> , 2014, 15, S1.	2.7	49
16	The <i>Bactrocera dorsalis</i> species complex: comparative cytogenetic analysis in support of Sterile Insect Technique applications. <i>BMC Genetics</i> , 2014, 15, S16.	2.7	22
17	Tephritid Fruit Flies (Diptera). , 2014, , 1-62.		3
18	Genetic and Cytogenetic Characterization of Genetic Sexing Strains of <i>Bactrocera dorsalis</i> and <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2013, 106, 995-1003.	1.8	15

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19	Mitotic and polytene chromosomes analysis of the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Genetica</i> , 2011, 139, 79-90.	1.1	23
20	Analysis of Mitotic and Polytene Chromosomes and Photographic Polytene Chromosome Maps in <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae). <i>Annals of the Entomological Society of America</i> , 2011, 104, 306-318.	2.5	15
21	Isolation and characterization of microsatellite markers from the Mediterranean fruit fly, <i>Ceratitis capitata</i> : cross-species amplification in other Tephritidae species reveals a varying degree of transferability. <i>Molecular Genetics and Genomics</i> , 2009, 282, 283-306.	2.1	15
22	Conditional embryonic lethality to improve the sterile insect technique in <i>Ceratitis capitata</i> (Diptera: Tephritidae). <i>Journal of Insect Physiology</i> , 2010, 56, 104-110.	3.8	104
23	Mitotic and polytene chromosome analysis in the Mexican fruit fly, <i>Anastrepha ludens</i> (Loew) (Diptera: Tephritidae). <i>Genome</i> , 2009, 52, 20-30.	2.0	24
24	An integrated genetic and cytogenetic map for the Mediterranean fruit fly, <i>Ceratitis capitata</i> , based on microsatellite and morphological markers. <i>Genetica</i> , 2008, 133, 147-157.	1.1	24
25	Structural characterization of the medfly <i>hsp83</i> gene and functional analysis of its proximal promoter region in vivo by germline transformation. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 67, 20-35.	1.5	6
26	Isolation and characterization of microsatellite markers from the olive fly, <i>Bactrocera oleae</i> , and their cross-species amplification in the Tephritidae family. <i>BMC Genomics</i> , 2008, 9, 618.	2.8	28
27	Polytene chromosome maps in four species of tsetse flies <i>Glossina austeni</i> , <i>G. pallidipes</i> , <i>G. morsitans morsitans</i> and <i>G. m. submorsitans</i> (Diptera: Glossinidae): a comparative analysis. <i>Genetica</i> , 2007, 129, 243-251.	1.1	8
28	Evaluation of the activities of the medfly and <i>Drosophila hsp70</i> promoters in vivo in germ-line transformed medflies. <i>Insect Molecular Biology</i> , 2006, 15, 373-382.	2.0	21
29	Microsatellite Analysis of Olive Fly Populations in the Mediterranean Indicates a Westward Expansion of the Species. <i>Genetica</i> , 2005, 125, 231-241.	1.1	54
30	Photographic polytene chromosome maps for <i>Glossina morsitans submorsitans</i> (Diptera: Glossinidae): cytogenetic analysis of a colony with sex-ratio distortion. <i>Genome</i> , 2002, 45, 871-880.	2.0	8
31	Polymorphic microsatellite markers in the olive fly, <i>Bactrocera oleae</i> . <i>Molecular Ecology Notes</i> , 2002, 2, 278-280.	1.7	30
32	Identification and partial characterization of a new <i>Ceratitis capitata</i> -specific 44-bp pericentromeric repeat. <i>Chromosome Research</i> , 2002, 10, 287-295.	2.2	10
33	Polytene chromosomes as tools in the genetic analysis of the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>Genetica</i> , 2002, 116, 59-71.	1.1	27
34	The construction of the first balancer chromosome for the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>Molecular Genetics and Genomics</i> , 2000, 264, 127-136.	2.4	18
35	Ceratotoxins: Female-specific X-linked genes from the medfly, <i>Ceratitis capitata</i> . <i>Genome</i> , 2000, 43, 707-711.	2.0	11
36	Ceratotoxins: Female-specific X-linked genes from the medfly, <i>Ceratitis capitata</i> . <i>Genome</i> , 2000, 43, 707-711.	2.0	9

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37	Ceratotoxins: female-specific X-linked genes from the medfly, <i>Ceratitis capitata</i> . <i>Genome</i> , 2000, 43, 707-11.	2.0	5
38	Cloning and characterization of CcEcR. An ecdysone receptor homolog from the Mediterranean fruit fly <i>Ceratitis capitata</i> . <i>FEBS Journal</i> , 1999, 265, 798-808.	0.2	22
39	The genome of the olive fruit fly <i>Bactrocera oleae</i> : localization of molecular markers by in situ hybridization to the salivary gland polytene chromosomes. <i>Genome</i> , 1999, 42, 744-751.	2.0	20
40	The genome of the olive fruit fly <i>Bactrocera oleae</i> : localization of molecular markers by in situ hybridization to the salivary gland polytene chromosomes. <i>Genome</i> , 1999, 42, 744-751.	2.0	14
41	Mitotic and polytene chromosome analyses in the Queensland fruit fly, <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>Genome</i> , 1998, 41, 510-526.	2.0	39
42	Recovery of a marked translocation strain that will facilitate the isolation of balancer chromosomes in the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>Genome</i> , 1998, 41, 256-265.	2.0	5
43	Mitotic and polytene chromosome analyses in the Queensland fruit fly, <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>Genome</i> , 1998, 41, 510-526.	2.0	20
44	Recovery of a marked translocation strain that will facilitate the isolation of balancer chromosomes in the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>Genome</i> , 1998, 41, 256-265.	2.0	1
45	Mitotic and polytene chromosome analyses in the Queensland fruit fly, <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>Genome</i> , 1998, 41, 256-265.	2.0	14
46	The white Gene of <i>Ceratitis capitata</i> : A Phenotypic Marker for Germline Transformation. <i>Science</i> , 1995, 270, 2005-2008.	12.6	98
47	Electron microscope investigation of polytene chromosomes in the Mediterranean fruit fly <i>Ceratitis capitata</i> . <i>Genome</i> , 1995, 38, 652-660.	2.0	15
48	Mitotic and polytene chromosome analysis in <i>Dacus oleae</i> (Diptera: Tephritidae). <i>Genome</i> , 1992, 35, 373-378.	2.0	42
49	Evidence for a genetic duplication involving alcohol dehydrogenase genes in <i>Ceratitis capitata</i> . <i>Biochemical Genetics</i> , 1992, 30, 35-48.	1.7	21
50	The genome of the Mediterranean fruit fly <i>Ceratitis capitata</i> : Localization of molecular markers by in situ hybridization to salivary gland polytene chromosomes. <i>Chromosoma</i> , 1992, 101, 448-455.	2.2	77
51	A comparison of polytene chromosomes in salivary glands and orbital bristle trichogen cells in <i>Ceratitis capitata</i> . <i>Genome</i> , 1991, 34, 215-219.	2.0	15
52	Cytogenetic characterization of a genetic sexing strain in <i>Ceratitis capitata</i> . <i>Genome</i> , 1991, 34, 606-611.	2.0	12
53	Cytogenetic analysis of three genetic sexing strains of <i>Ceratitis capitata</i> . <i>Theoretical and Applied Genetics</i> , 1990, 80, 177-182.	3.6	27
54	Polytene chromosome maps in the Medfly <i>Ceratitis capitata</i> . <i>Genome</i> , 1990, 33, 184-197.	2.0	84

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55	Inter-tissue variability of polytene chromosome banding patterns. Trends in Genetics, 1988, 4, 90-91.	6.7	23
56	Cytogenetic analysis of mitotic and salivary gland chromosomes in the Medfly <i>Ceratitis capitata</i> . Genome, 1987, 29, 67-71.	2.0	66
57	Site-specific breaks induced by the male recombination factor 23.5 MRF in <i>Drosophila melanogaster</i> . Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1983, 108, 185-202.	1.0	18
58	Genetic studies of a cytoplasmic suppressor which inactivates the male recombination factor 31.1 MRF in <i>Drosophila melanogaster</i> . Heredity, 1982, 49, 235-241.	2.6	1
59	Seasonal and year-to-year inversion polymorphism in a Southern Greek <i>drosophila melanogaster</i> wild population. Genetica, 1980, 54, 105-111.	1.1	17
60	Studies on the chromosomal rearrangements induced by the male recombination factor 31.1 MRF in <i>Drosophila melanogaster</i> . Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1980, 73, 81-92.	1.0	16
61	Incipient speciation revealed in <i>Anastrepha fraterculus</i> (Diptera; Tephritidae) by studies on mating compatibility, sex pheromones, hybridization, and cytology. Biological Journal of the Linnean Society, 0, 97, 152-165.	1.6	89