Marco Salvemini

List of Publications by Year
in descending order

32	1,468	361296	414303
papers	citations	20 h-index	32 g-index

38	38	38	1576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thetransformergene inCeratitis capitataprovides a genetic basis for selecting and remembering the sexual fate. Development (Cambridge), 2002, 129, 3715-3725.	1.2	210
2	The whole genome sequence of the Mediterranean fruit fly, Ceratitis capitata (Wiedemann), reveals insights into the biology and adaptive evolution of a highly invasive pest species. Genome Biology, 2016, 17, 192.	3.8	130
3	Ceratitis capitata transformer-2 gene is required to establish and maintain the autoregulation of Cctra, the master gene for female sex determination. International Journal of Developmental Biology, 2009, 53, 109-120.	0.3	125
4	The transformer gene in Ceratitis capitata provides a genetic basis for selecting and remembering the sexual fate. Development (Cambridge), 2002, 129, 3715-25.	1.2	97
5	Annocript: a flexible pipeline for the annotation of transcriptomes able to identify putative long noncoding RNAs. Bioinformatics, 2015, 31, 2199-2201.	1.8	94
6	Maleness-on-the-Y (MoY) orchestrates male sex determination in major agricultural fruit fly pests. Science, 2019, 365, 1457-1460.	6.0	88
7	The Gene Transformer of Anastrepha Fruit Flies (Diptera, Tephritidae) and Its Evolution in Insects. PLoS ONE, 2007, 2, e1239.	1.1	79
8	Genomic organization and splicing evolution of the doublesex gene, a Drosophila regulator of sexual differentiation, in the dengue and yellow fever mosquito Aedes aegypti. BMC Evolutionary Biology, 2011, 11, 41.	3.2	75
9	Highly efficient DNA-free gene disruption in the agricultural pest Ceratitis capitata by CRISPR-Cas9 ribonucleoprotein complexes. Scientific Reports, 2017, 7, 10061.	1.6	59
10	Tissue-specific transcriptomes of Anisakis simplex (sensu stricto) and Anisakis pegreffii reveal potential molecular mechanisms involved in pathogenicity. Parasites and Vectors, 2018, 11, 31.	1.0	46
11	fruitless alternative splicing and sex behaviour in insects: an ancient and unforgettable love story?. Journal of Genetics, 2010, 89, 287-299.	0.4	44
12	The Orthologue of the Fruitfly Sex Behaviour Gene Fruitless in the Mosquito Aedes aegypti: Evolution of Genomic Organisation and Alternative Splicing. PLoS ONE, 2013, 8, e48554.	1.1	44
13	The transformer gene of Ceratitis capitata: a paradigm for a conserved epigenetic master regulator of sex determination in insects. Genetica, 2011, 139, 99-111.	0.5	40
14	Masculinization of XX Drosophila transgenic flies expressing the Ceratitis capitata DoublesexM isoform. International Journal of Developmental Biology, 2008, 52, 1051-1057.	0.3	39
15	First evidence of resistance to pyrethroid insecticides in Italian <scp>Aedes albopictus</scp> populations 26â€‰years after invasion. Pest Management Science, 2018, 74, 1319-1327.	1.7	36
16	A draft genome sequence of an invasive mosquito: an ItalianAedes albopictus. Pathogens and Global Health, 2015, 109, 207-220.	1.0	35
17	De Novo Transcriptome Assembly from Inflorescence of Orchis italica: Analysis of Coding and Non-Coding Transcripts. PLoS ONE, 2014, 9, e102155.	1.1	30
18	Deciphering the olfactory repertoire of the tiger mosquito Aedes albopictus. BMC Genomics, 2017, 18, 770.	1.2	30

#	Article	IF	Citations
19	Comparative Transcriptomics Reveals Clues for Differences in Pathogenicity between Hysterothylacium aduncum, Anisakis simplex sensu stricto and Anisakis pegreffii. Genes, 2020, 11, 321.	1.0	24
20	De novo assembly and sex-specific transcriptome profiling in the sand fly Phlebotomus perniciosus (Diptera, Phlebotominae), a major Old World vector of Leishmania infantum. BMC Genomics, 2015, 16, 847.	1.2	23
21	ZanzaMapp: A Scalable Citizen Science Tool to Monitor Perception of Mosquito Abundance and Nuisance in Italy and Beyond. International Journal of Environmental Research and Public Health, 2020, 17, 7872.	1.2	19
22	Evolutionary Conservation of the Orchid MYB Transcription Factors DIV, RAD, and DRIF. Frontiers in Plant Science, 2019, 10, 1359.	1.7	17
23	De Novo Assembly and Transcriptome Analysis of the Mediterranean Fruit Fly Ceratitis capitata Early Embryos. PLoS ONE, 2014, 9, e114191.	1.1	17
24	A new Minos vector for eye-specific expression of white+ marker in Ceratitis capitata and in distantly related dipteran species. Insect Molecular Biology, 2006, 15, 341-349.	1.0	13
25	Identification of sex determination genes and their evolution in Phlebotominae sand flies (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	10
26	Fixation of genetic variation and optimization of gene expression: The speed of evolution in isolated lizard populations undergoing Reverse Island Syndrome. PLoS ONE, 2019, 14, e0224607.	1.1	10
27	Unraveling the role of male reproductive tract and haemolymph in cantharidin-exuding Lydus trimaculatus and Mylabris variabilis (Coleoptera: Meloidae): a comparative transcriptomics approach. BMC Genomics, 2021, 22, 808.	1.2	7
28	Subtractive and differential hybridization molecular analyses of Ceratitis capitata XX/XY versus XX embryos to search for male-specific early transcribed genes. BMC Genetics, 2014, 15, S5.	2.7	6
29	Male-specific phosphorylated SR proteins in adult flies of the Mediterranean Fruitfly Ceratitis capitata. BMC Genetics, 2014, 15, S6.	2.7	6
30	Targeting the autosomal Ceratitis capitata transformer gene using Cas9 or dCas9 to masculinize XX individuals without inducing mutations. BMC Genetics, 2020, 21, 150.	2.7	6
31	Aedes albopictus bionomics data collection by citizen participation on Procida Island, a promising Mediterranean site for the assessment of innovative and community-based integrated pest management methods. PLoS Neglected Tropical Diseases, 2021, 15, e0009698.	1.3	2
32	Positive selection in Europeans and East-Asians at the ABCA12 gene. Scientific Reports, 2019, 9, 4843.	1.6	1