Beniamino Caputo

List of Publications by Year
in descending order

52	1,822	304743	289244
papers	citations	22 h-index	40 g-index

55	55	55	2119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Is CÃ´te D'Ivoire a new high hybridization zone for the two major malaria vectors, Anopheles coluzzii and An. gambiae (Diptera, Culicidae)?. Infection, Genetics and Evolution, 2022, 98, 105215.	2.3	6
2	First evidence of pyrethroid resistance in Italian populations of West Nile virus vector <scp> Culex pipiens </scp>. Medical and Veterinary Entomology, 2022, , .	1.5	6
3	Novel genotyping approaches to easily detect genomic admixture between the major Afrotropical malaria vector species, Anopheles coluzzii and An. gambiae. Molecular Ecology Resources, 2021, 21, 1504-1516.	4.8	7
4	Entomological Survey Confirms Changes in Mosquito Composition and Abundance in Senegal and Reveals Discrepancies among Results by Different Host-Seeking Female Traps. Insects, 2021, 12, 692.	2.2	4
5	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.	3.0	2
6	A bacterium against the tiger: preliminary evidence of fertility reduction after release of Aedes albopictus males with manipulated Wolbachia infection in an Italian urban area. Pest Management Science, 2020, 76, 1324-1332.	3.4	42
7	Spatio-Temporal Distribution of Aedes Albopictus and Culex Pipiens along an Urban-Natural Gradient in the Ventotene Island, Italy. International Journal of Environmental Research and Public Health, 2020, 17, 8300.	2.6	4
8	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.	2.6	19
9	Knowledge, Attitude and Practices towards the Tiger Mosquito Aedes Albopictus. A Questionnaire Based Survey in Lazio Region (Italy) before the 2017 Chikungunya Outbreak. International Journal of Environmental Research and Public Health, 2020, 17, 3960.	2.6	8
10	Mosquito surveillance and disease outbreak risk models to inform mosquito-control operations in Europe. Current Opinion in Insect Science, 2020, 39, 101-108.	4.4	14
11	Complex interplay of evolutionary forces shaping population genomic structure of invasive Aedes albopictus in southern Europe. PLoS Neglected Tropical Diseases, 2019, 13, e0007554.	3.0	25
12	First detection of a Vssc allele V1016G conferring a high level of insecticide resistance in Aedes albopictus collected from Europe (Italy) and Asia (Vietnam), 2016: a new emerging threat to controlling arboviral diseases. Eurosurveillance, 2019, 24, .	7.0	55
13	Assessing the risk of autochthonous yellow fever transmission in Lazio, central Italy. PLoS Neglected Tropical Diseases, 2019, 13, e0006970.	3.0	3
14	Phenotypic and genotypic pyrethroid resistance of Aedes albopictus, with focus on the 2017 chikungunya outbreak in Italy. Pest Management Science, 2019, 75, 2642-2651.	3.4	20
15	In Silico Karyotyping of Chromosomally Polymorphic Malaria Mosquitoes in the Anopheles gambiae Complex. G3: Genes, Genomes, Genetics, 2019, 9, 3249-3262.	1.8	24
16	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.	3.4	36
17	Estimating the risk of Dengue, Chikungunya and Zika outbreaks in a large European city. Scientific Reports, 2018, 8, 16435.	3.3	17
18	Forecasting the spatial and seasonal dynamic of Aedes albopictus oviposition activity in Albania and Balkan countries. PLoS Neglected Tropical Diseases, 2018, 12, e0006236.	3.0	18

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19	Antiviral activity of the combination of interferon and ribavirin against chikungunya virus: are the results conclusive?. Journal of Infectious Diseases, 2017, 215, jiw579.	4.0	5
20	Not in my backyard: effectiveness of outdoor residual spraying from hand-held sprayers against the mosquitoAedes albopictusin Rome, Italy. Pest Management Science, 2017, 73, 138-145.	3.4	12
21	Massive introgression drives species radiation at the range limit of Anopheles gambiae. Scientific Reports, 2017, 7, 46451.	3.3	28
22	Profiles of soluble proteins in chemosensory organs of three members of the afro-tropical Anopheles gambiae complex. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 24, 41-50.	1.0	12
23	From eggs to bites: do ovitrap data provide reliable estimates ofAedes albopictusbiting females?. PeerJ, 2017, 5, e2998.	2.0	32
24	The last bastion? X chromosome genotyping of Anopheles gambiae species pair males from a hybrid zone reveals complex recombination within the major candidate â€˜genomic island of speciationâ€™. Molecular Ecology, 2016, 25, 5719-5731.	3.9	15
25	Assessment of the Effectiveness of a Seasonal-Long Insecticide-Based Control Strategy against Aedes albopictus Nuisance in an Urban Area. PLoS Neglected Tropical Diseases, 2016, 10, e0004463.	3.0	9
26	Spatial and Temporal Hot Spots of Aedes albopictus Abundance inside and outside a South European Metropolitan Area. PLoS Neglected Tropical Diseases, 2016, 10, e0004758.	3.0	63
27	Control methods against invasive Aedes mosquitoes in Europe: a review. Pest Management Science, 2015, 71, 1471-1485.	3.4	162
28	High Resolution Spatial Analysis of Habitat Preference of Aedes Albopictus (Diptera: Culicidae) in an Urban Environment. Journal of Medical Entomology, 2015, 52, 329-335.	1.8	16
29	Remarkable diversity of intron-1 of the para voltage-gated sodium channel gene in an Anopheles gambiae/Anopheles coluzzii hybrid zone. Malaria Journal, 2015, 14, 9.	2.3	7
30	New adhesive traps to monitor urban mosquitoes with a case study to assess the efficacy of insecticide control strategies in temperate areas. Parasites and Vectors, 2015, 8, 134.	2.5	22
31	Variation in interferon sensitivity and induction between Usutu and West Nile (lineages 1 and 2) viruses. Virology, 2015, 485, 189-198.	2.4	24
32	Adaptive Potential of Hybridization among Malaria Vectors: Introgression at the Immune Locus TEP1 between Anopheles coluzzii and A. gambiae in â€˜Far-Westâ€™ Africa. PLoS ONE, 2015, 10, e0127804.	2.5	16
33	First report of an exophilic Anopheles arabiensis population in Bissau City, Guinea-Bissau: recent introduction or sampling bias?. Malaria Journal, 2014, 13, 423.	2.3	16
34	Prominent intraspecific genetic divergence within Anopheles gambiae sibling species triggered by habitat discontinuities across a riverine landscape. Molecular Ecology, 2014, 23, 4574-4589.	3.9	20
35	Field evaluation of a novel synthetic odour blend and of the synergistic role of carbon dioxide for sampling host-seeking Aedes albopictus adults in Rome, Italy. Parasites and Vectors, 2014, 7, 580.	2.5	38
36	Ligand-Binding Study of Anopheles gambiae Chemosensory Proteins. Chemical Senses, 2013, 38, 409-419.	2.0	60

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37	Usutu virus growth in human cell lines: induction of and sensitivity to type I and III interferons. Journal of General Virology, 2013, 94, 789-795.	2.9	16
38	Estimating Mosquito Population Size From Markâ€“Releaseâ€“Recapture Data. Journal of Medical Entomology, 2013, 50, 533-542.	1.8	39
39	A Proteomic Investigation of Soluble Olfactory Proteins in Anopheles gambiae. PLoS ONE, 2013, 8, e75162.	2.5	37
40	The â€œAuto-Disseminationâ€•Approach: A Novel Concept to Fight Aedes albopictus in Urban Areas. PLoS Neglected Tropical Diseases, 2012, 6, e1793.	3.0	125
41	Looking for the gold standard: assessment of the effectiveness of four traps for monitoring mosquitoes in Italy. Journal of Vector Ecology, 2012, 37, 117-123.	1.0	24
42	Cooperative interactions between odorant-binding proteins of Anopheles gambiae. Cellular and Molecular Life Sciences, 2011, 68, 1799-1813.	5.4	81
43	Comparative analyses reveal discrepancies among results of commonly used methods for Anopheles gambiae molecular form identification. Malaria Journal, 2011, 10, 215.	2.3	23
44	The â€œFar-Westâ€•of Anopheles gambiae Molecular Forms. PLoS ONE, 2011, 6, e16415.	2.5	62
45	Study ofAedes albopictusdispersal in Rome, Italy, using sticky traps in mark-release-recapture experiments. Medical and Veterinary Entomology, 2010, 24, 361-368.	1.5	133
46	Host-Feeding Patterns ofAedes albopictus(Diptera: Culicidae) in Urban and Rural Contexts within Rome Province, Italy. Vector-Borne and Zoonotic Diseases, 2010, 10, 291-294.	1.5	104
47	Chromosomal plasticity and evolutionary potential in the malaria vector Anopheles gambiae sensu stricto: insights from three decades of rare paracentric inversions. BMC Evolutionary Biology, 2008, 8, 309.	3.2	60
48	Anopheles gambiae complex along The Gambia river, with particular reference to the molecular forms of An. gambiae s.s. Malaria Journal, 2008, 7, 182.	2.3	95
49	Exploring Proteins in Anopheles gambiae Male and Female Antennae through MALDI Mass Spectrometry Profiling. PLoS ONE, 2008, 3, e2822.	2.5	24
50	Comparative analysis of epicuticular lipid profiles of sympatric and allopatric field populations of Anopheles gambiae s.s. molecular forms and An. arabiensis from Burkina Faso (West Africa). Insect Biochemistry and Molecular Biology, 2007, 37, 389-398.	2.7	35
51	PCR-based karyotyping of Anopheles gambiae inversion 2Rj identifies the BAMAKO chromosomal form. Malaria Journal, 2007, 6, 133.	2.3	17
52	Identification and composition of cuticular hydrocarbons of the major Afrotropical malaria vectorAnopheles gambiae s.s. (Diptera: Culicidae): analysis of sexual dimorphism and age-related changes. Journal of Mass Spectrometry, 2005, 40, 1595-1604.	1.6	68