

Carlo Severini

List of Publications by Year in descending order

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73
papers

2,235
citations

236925
25
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all docs

73
docs citations

73
times ranked

3144
citing authors

#	ARTICLE	IF	CITATIONS
1	New uses for old drugs. Auranofin, a clinically established antiarthritic metallodrug, exhibits potent antimalarial effects <i>in vitro</i> : Mechanistic and pharmacological implications. FEBS Letters, 2008, 582, 844-847.	2.8	152
2	Functional deficit of T regulatory cells in Fulani, an ethnic group with low susceptibility to <i>Plasmodium falciparum</i> malaria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 646-651.	7.1	120
3	Malaria in Maremma, Italy. Lancet, The, 1998, 351, 1246-1247.	13.7	115
4	Whole Genome Sequencing of Field Isolates Reveals a Common Duplication of the Duffy Binding Protein Gene in Malagasy <i>Plasmodium vivax</i> Strains. PLoS Neglected Tropical Diseases, 2013, 7, e2489.	3.0	107
5	Artemisinin and artemisinin plus curcumin liposomal formulations: Enhanced antimalarial efficacy against <i>Plasmodium berghei</i> -infected mice. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 528-534.	4.3	106
6	Identification of the <i>Plasmodium vivax</i> mdr-like Gene (pvmdr1) and Analysis of Single Nucleotide Polymorphisms among Isolates from Different Areas of Endemicity. Journal of Infectious Diseases, 2005, 191, 272-277.	4.0	101
7	Phylogenetic relationships of seven paleartic members of the maculipennis complex inferred from ITS2 sequence analysis. Insect Molecular Biology, 1999, 8, 469-480.	2.0	90
8	From The Cover: Meager genetic variability of the human malaria agent <i>Plasmodium vivax</i> . Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14455-14460.	7.1	88
9	The β -tubulin gene of <i>Babesia</i> and <i>Theileria</i> parasites is an informative marker for species discrimination. International Journal for Parasitology, 2000, 30, 1181-1185.	3.1	80
10	Antimalarial properties of green tea. Biochemical and Biophysical Research Communications, 2007, 353, 177-181.	2.1	64
11	Identification of <i>Plasmodium falciparum</i> isolates lacking histidine-rich protein 2 and 3 in Eritrea. Infection, Genetics and Evolution, 2017, 55, 131-134.	2.3	61
12	<i>Plasmodium vivax</i> Diversity and Population Structure across Four Continents. PLoS Neglected Tropical Diseases, 2015, 9, e0003872.	3.0	59
13	The production of the osmiophilic body protein Pfg377 is associated with stage of maturation and sex in <i>Plasmodium falciparum</i> gametocytes. Molecular and Biochemical Parasitology, 1999, 100, 247-252.	1.1	49
14	Genotyping of <i>Plasmodium falciparum</i> gametocytes by reverse transcriptase polymerase chain reaction. Molecular and Biochemical Parasitology, 2000, 111, 153-161.	1.1	47
15	Burden and impact of <i>Plasmodium vivax</i> in pregnancy: A multi-centre prospective observational study. PLoS Neglected Tropical Diseases, 2017, 11, e0005606.	3.0	46
16	Status of Malaria Vectors in Italy. Journal of Medical Entomology, 1997, 34, 263-271.	1.8	44
17	Real-Time PCR for Dihydrofolate Reductase Gene Single-Nucleotide Polymorphisms in <i>Plasmodium vivax</i> Isolates. Antimicrobial Agents and Chemotherapy, 2004, 48, 2581-2587.	3.2	40
18	Genetic diversity of <i>Plasmodium vivax</i> isolates from Azerbaijan. Malaria Journal, 2004, 3, 40.	2.3	39

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19	Sequence and secondary structure of the rDNA second internal transcribed spacer in the sibling species <i>Culex pipiens</i> L. and <i>Cx. quinquefasciatus</i> Say (Diptera: Culicidae). <i>Insect Molecular Biology</i> , 1996, 5, 181-186.	2.0	37
20	Patient-to-Patient Transmission of Nosocomial Malaria in Italy. <i>Infection Control and Hospital Epidemiology</i> , 2002, 23, 338-341.	1.8	34
21	Detection of novel point mutations in the <i>Plasmodium falciparum</i> ATPase6 candidate gene for resistance to artemisinins. <i>Parasitology International</i> , 2008, 57, 233-235.	1.3	31
22	A Quality Control Program within a Clinical Trial Consortium for PCR Protocols To Detect <i>Plasmodium</i> Species. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2144-2149.	3.9	31
23	Outstanding plasmodicidal properties within a small panel of metallic compounds: Hints for the development of new metal-based antimalarials. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 310-312.	3.5	30
24	Risk of <i>Plasmodium vivax</i> malaria reintroduction in Uzbekistan: genetic characterization of parasites and status of potential malaria vectors in the Surkhandarya region. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2004, 98, 585-592.	1.8	29
25	Prevalence of pfprt point mutations and level of chloroquine resistance in <i>Plasmodium falciparum</i> isolates from Africa. <i>Infection, Genetics and Evolution</i> , 2006, 6, 262-268.	2.3	27
26	Monitoring for multidrug-resistant <i>Plasmodium falciparum</i> isolates and analysis of pyrimethamine resistance evolution in Uige province, Angola. <i>Tropical Medicine and International Health</i> , 2009, 14, 1251-1257.	2.3	27
27	<i>Plasmodium vivax</i> malaria: A re-emerging threat for temperate climate zones?. <i>Travel Medicine and Infectious Disease</i> , 2013, 11, 51-59.	3.0	26
28	Human <i>Plasmodium vivax</i> diversity, population structure and evolutionary origin. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008072.	3.0	26
29	CASE REPORT: AN UNUSUAL LATE RELAPSE OF PLASMODIUM VIVAX MALARIA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 68, 159-160.	1.4	26
30	Resistance to antimalarial drugs: An endless world war against <i>Plasmodium</i> that we risk losing. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 58-63.	2.2	24
31	Non-imported malaria in Italy: paradigmatic approaches and public health implications following an unusual cluster of cases in 2017. <i>BMC Public Health</i> , 2020, 20, 857.	2.9	24
32	Effects of Mefloquine Use on <i>Plasmodium vivax</i> Multidrug Resistance. <i>Emerging Infectious Diseases</i> , 2014, 20, 1629-1636.	4.3	23
33	Frequency Distribution of Antimalarial Drug Resistance Alleles among <i>Plasmodium falciparum</i> Isolates from Gezira State, Central Sudan, and Gedarif State, Eastern Sudan. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 250-257.	1.4	22
34	Population structure and dynamics of insecticide resistance genes in <i>Culex pipiens</i> populations from Italy. <i>Heredity</i> , 1998, 81, 342-348.	2.6	19
35	Selected gold compounds cause pronounced inhibition of Falcipain 2 and effectively block <i>P. falciparum</i> growth in vitro. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1576-1579.	3.5	19
36	Dihydroartemisinin-piperaquine treatment failure in uncomplicated <i>Plasmodium falciparum</i> malaria case imported from Ethiopia. <i>Infection</i> , 2018, 46, 867-870.	4.7	18

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37	Plasmodium vivax VIR Proteins Are Targets of Naturally-Acquired Antibody and T Cell Immune Responses to Malaria in Pregnant Women. PLoS Neglected Tropical Diseases, 2016, 10, e0005009.	3.0	18
38	Genetic Confirmation of Quinine-Resistant Plasmodium falciparum Malaria Followed by Postmalaria Neurological Syndrome in a Traveler from Mozambique. Journal of Clinical Microbiology, 2004, 42, 5424-5426.	3.9	17
39	Failure of dihydroartemisinin-piperaquine treatment of uncomplicated Plasmodium falciparum malaria in a traveller coming from Ethiopia. Malaria Journal, 2016, 15, 525.	2.3	17
40	Esterases A5â€B5 in organophosphateâ€resistant Culex pipiens from Italy. Medical and Veterinary Entomology, 1997, 11, 123-126.	1.5	16
41	Plasmodium falciparum soluble extracts potentiate the suppressive function of polyclonal T regulatory cells through activation of TGFÎ²-mediated signals. Cellular Microbiology, 2011, 13, 1328-1338.	2.1	16
42	Multiple sclerosis and anti-Plasmodium falciparum innate immune response. Journal of Neuroimmunology, 2007, 185, 201-207.	2.3	15
43	Modulation of the Immune and Inflammatory Responses by Plasmodium falciparum Schizont Extracts: Role of Myeloid Dendritic Cells in Effector and Regulatory Functions of CD4 ⁺ Lymphocytes. Infection and Immunity, 2013, 81, 1842-1851.	2.2	15
44	Status of insecticide resistance in Culex pipiens field populations from north-eastern areas of Italy before the withdrawal of OP compounds. Pest Management Science, 2011, 67, 100-106.	3.4	14
45	A case of Plasmodium malariae recurrence: recrudescence or reinfection?. Malaria Journal, 2019, 18, 169.	2.3	14
46	Plasmodium vivax congenital malaria in an area of very low endemicity in Guatemala: implications for clinical and epidemiological surveillance in a malaria elimination context. Malaria Journal, 2012, 11, 411.	2.3	13
47	Use of the Plasmodium vivax merozoite surface protein 1 gene sequence analysis in the investigation of an introduced malaria case in Italy. Acta Tropica, 2002, 84, 151-157.	2.0	12
48	Plasmodium falciparum multiple infections, disease severity and host characteristics in malaria affected travellers returning from Africa. Travel Medicine and Infectious Disease, 2008, 6, 205-209.	3.0	12
49	Plasmodium falciparum Malaria, Southern Algeria, 2007. Emerging Infectious Diseases, 2010, 16, 301-303.	4.3	12
50	Targeted deep amplicon sequencing of antimalarial resistance markers in Plasmodium falciparum isolates from Cameroon. International Journal of Infectious Diseases, 2021, 107, 234-241.	3.3	12
51	Microsatellite Genotyping of Plasmodium vivax Isolates from Pregnant Women in Four Malaria Endemic Countries. PLoS ONE, 2016, 11, e0152447.	2.5	12
52	Genetic variations of the Plasmodium vivax dihydropteroate synthase gene. Acta Tropica, 2006, 98, 196-199.	2.0	11
53	Naturally Acquired Binding-Inhibitory Antibodies to Plasmodium vivax Duffy Binding Protein in Pregnant Women Are Associated with Higher Birth Weight in a Multicenter Study. Frontiers in Immunology, 2017, 8, 163.	4.8	11
54	Targeted deep amplicon sequencing of kelch 13 and cytochrome b in Plasmodium falciparum isolates from an endemic African country using the Malaria Resistance Surveillance (MaRS) protocol. Parasites and Vectors, 2020, 13, 137.	2.5	11

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55	Molecular surveillance of antimalarial drug resistance related genes in <i>Plasmodium falciparum</i> isolates from Eritrea. <i>Acta Tropica</i> , 2016, 157, 158-161.	2.0	10
56	Molecular diagnosis and species identification of imported malaria in returning travellers in Italy. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 72, 175-180.	1.8	9
57	Genetic diversity and population structure of <i>Plasmodium vivax</i> isolates from Sudan, Madagascar, French Guiana and Armenia. <i>Infection, Genetics and Evolution</i> , 2014, 27, 244-249.	2.3	9
58	Cytokine signatures of <i>Plasmodium vivax</i> infection during pregnancy and delivery outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008155.	3.0	8
59	Insecticide Resistance Genes in <i>Culex pipiens</i> (Diptera: Culicidae) from Italy: Esterase B Locus at the Dna Level. <i>Journal of Medical Entomology</i> , 1994, 31, 496-499.	1.8	7
60	Antiplasmodial Effects of a few Selected Natural Flavonoids and their Modulation of Artemisinin Activity. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.5	7
61	Characterization of the metacaspase 1 gene in <i>Plasmodium vivax</i> field isolates from southern Iran and Italian imported cases. <i>Acta Tropica</i> , 2011, 119, 57-60.	2.0	7
62	An intricate case of multidrug resistant <i>Plasmodium falciparum</i> isolate imported from Cambodia. <i>Malaria Journal</i> , 2017, 16, 149.	2.3	7
63	Specific tagging of the egress-related osmiophilic bodies in the gametocytes of <i>Plasmodium falciparum</i> . <i>Malaria Journal</i> , 2012, 11, 88.	2.3	6
64	Molecular Surveillance of <i>Plasmodium falciparum</i> Drug Resistance Markers in Clinical Samples from Botswana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 1499-1503.	1.4	6
65	Effects of soluble extracts from <i>Leishmania infantum</i> promastigotes, <i>Toxoplasma gondii</i> tachyzoites on TGF- β 2 mediated pathways in activated CD4+ T lymphocytes. <i>Microbes and Infection</i> , 2014, 16, 778-787.	1.9	5
66	Challenging diagnosis of congenital malaria in non-endemic areas. <i>Malaria Journal</i> , 2018, 17, 470.	2.3	5
67	Leaf Decoction of <i>Carica papaya</i> Combined with Artesunate Prevents Recrudescence in <i>Plasmodium berghiei</i> -Infected Mice. <i>Planta Medica</i> , 2019, 85, 934-940.	1.3	5
68	Cryptic severe <i>Plasmodium falciparum</i> malaria in a Moroccan man living in Tuscany, Italy, August 2018. <i>Eurosurveillance</i> , 2018, 23, .	7.0	5
69	Photo-Induced Electron Transfer Real-Time PCR for Detection of <i>Plasmodium falciparum</i> plasmepsin 2 Gene Copy Number. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	4
70	Artemisinin resistant surveillance in African <i>Plasmodium falciparum</i> isolates from imported malaria cases to Italy. <i>Journal of Travel Medicine</i> , 2020, 28, .	3.0	4
71	Isolation and characterization of microsatellite DNA markers in the malaria vector <i>Anopheles maculipennis</i> . <i>Molecular Ecology Notes</i> , 2003, 3, 417-419.	1.7	1
72	Artesunate and dihydroartemisinin-piperaquine treatment failure in a severe <i>Plasmodium falciparum</i> malaria case imported from Republic of CÔte d'Ivoire. <i>International Journal of Infectious Diseases</i> , 2022, 122, 352-355.	3.3	1

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73	Isolation and characterization of microsatellite DNA markers in the malaria vector <i>Anopheles sacharovi</i> . <i>Molecular Ecology Notes</i> , 2003, 3, 338-340.	1.7	0