

Andrea Crisanti

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

13,050
citations

29994

54
h-index

30010

103
g-index

210
all docs

210
docs citations

210
times ranked

12514
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Prospective epidemiological, molecular, and genetic characterization of a novel coronavirus disease in the Val Venosta/Minschgau: the CHRIS COVID-19 study protocol. <i>Pathogens and Global Health</i> , 2022, 116, 128-136. | 1.0 | 4 |
| 2 | Rapid SARS-CoV-2 Intra-Host and Within-Household Emergence of Novel Haplotypes. <i>Viruses</i> , 2022, 14, 399. | 1.5 | 5 |
| 3 | Phylogeography and genomic epidemiology of SARS-CoV-2 in Italy and Europe with newly characterized Italian genomes between February-June 2020. <i>Scientific Reports</i> , 2022, 12, 5736. | 1.6 | 6 |
| 4 | Longitudinal analysis of T cell receptor repertoires reveals shared patterns of antigen-specific response to SARS-CoV-2 infection. <i>JCI Insight</i> , 2022, 7, . | 2.3 | 15 |
| 5 | Presence of SARS-CoV-2 RNA in human corneal tissues donated in Italy during the COVID-19 pandemic. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000990. | 0.8 | 6 |
| 6 | Neutralising reactivity against SARS-CoV-2 Delta and Omicron variants by vaccination and infection history. <i>Genome Medicine</i> , 2022, 14, . | 3.6 | 15 |
| 7 | Regulating the expression of gene drives is key to increasing their invasive potential and the mitigation of resistance. <i>PLoS Genetics</i> , 2021, 17, e1009321. | 1.5 | 72 |
| 8 | A Code of Ethics for Gene Drive Research. <i>CRISPR Journal</i> , 2021, 4, 19-24. | 1.4 | 24 |
| 9 | Machine Learning Use for Prognostic Purposes in Multiple Sclerosis. <i>Life</i> , 2021, 11, 122. | 1.1 | 21 |
| 10 | Can reasoned mass testing impact covid-19 outcomes in wide community contexts? An evidence-based opinion. <i>Pathogens and Global Health</i> , 2021, 115, 203-207. | 1.0 | 3 |
| 11 | Ultra-conserved sequences in the genomes of highly diverse <i>Anopheles</i> mosquitoes, with implications for malaria vector control. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, . | 0.8 | 3 |
| 12 | Inactivating SARS-CoV-2 Using 275 nm UV-C LEDs through a Spherical Irradiation Box: Design, Characterization and Validation. <i>Materials</i> , 2021, 14, 2315. | 1.3 | 24 |
| 13 | Analysis of off-target effects in CRISPR-based gene drives in the human malaria mosquito. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 27 |
| 14 | The first familial cluster of the B.1.1.7 variant of SARS-CoV-2 in the northeast of Italy. <i>Infection</i> , 2021, 49, 1341-1345. | 2.3 | 5 |
| 15 | The Diagnostic Yield of the Multidisciplinary Discussion in Patients With COVID-19 Pneumonia. <i>Frontiers in Medicine</i> , 2021, 8, 637872. | 1.2 | 5 |
| 16 | A genetically encoded anti-CRISPR protein constrains gene drive spread and prevents population suppression. <i>Nature Communications</i> , 2021, 12, 3977. | 5.8 | 34 |
| 17 | SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Voë™. <i>Nature Communications</i> , 2021, 12, 4383. | 5.8 | 33 |
| 18 | Gene-drive suppression of mosquito populations in large cages as a bridge between lab and field. <i>Nature Communications</i> , 2021, 12, 4589. | 5.8 | 59 |

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|----|---|------|-----------|
| 19 | Disease Severity and Prognosis of SARS-CoV-2 Infection in Hospitalized Patients Is Not Associated With Viral Load in Nasopharyngeal Swab. <i>Frontiers in Medicine</i> , 2021, 8, 714221. | 1.2 | 9 |
| 20 | Universality class of the motility-induced critical point in large scale off-lattice simulations of active particles. <i>Soft Matter</i> , 2021, 17, 3807-3812. | 1.2 | 36 |
| 21 | <i>Anopheles gambiae</i> Genome Conservation as a Resource for Rational Gene Drive Target Site Selection. <i>Insects</i> , 2021, 12, 97. | 1.0 | 8 |
| 22 | Absence of Severe Acute Respiratory Syndrome Coronavirus 2 RNA in Human Corneal Donor Tissues: Implications for Transplantation. <i>Cornea</i> , 2021, 40, e3-e4. | 0.9 | 5 |
| 23 | Detection of severe acute respiratory syndrome coronavirus 2 in corneas from asymptomatic donors. <i>Acta Ophthalmologica</i> , 2021, 99, e1245-e1246. | 0.6 | 7 |
| 24 | Resistance to a CRISPR-based gene drive at an evolutionarily conserved site is revealed by mimicking genotype fixation. <i>PLoS Genetics</i> , 2021, 17, e1009740. | 1.5 | 21 |
| 25 | Retrospective Analysis of a Modified Organizational Model to Guarantee CT Workflow during the COVID-19 Outbreak in the Tertiary Hospital of Padova, Italy. <i>Journal of Clinical Medicine</i> , 2020, 9, 3042. | 1.0 | 4 |
| 26 | Standardizing the definition of gene drive. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30864-30867. | 3.3 | 88 |
| 27 | Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo  . <i>Nature</i> , 2020, 584, 425-429. | 13.7 | 872 |
| 28 | An Integrated Strategy for the Prevention of SARS-CoV-2 Infection in Healthcare Workers: A Prospective Observational Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5785. | 1.2 | 26 |
| 29 | COVID-19 pulmonary pathology: a multi-institutional autopsy cohort from Italy and New York City. <i>Modern Pathology</i> , 2020, 33, 2156-2168. | 2.9 | 380 |
| 30 | Assessing the acoustic behaviour of <i>Anopheles gambiae</i> (s.l.) dsxF mutants: implications for vector control. <i>Parasites and Vectors</i> , 2020, 13, 507. | 1.0 | 15 |
| 31 | A male-biased sex-distorter gene drive for the human malaria vector <i>Anopheles gambiae</i> . <i>Nature Biotechnology</i> , 2020, 38, 1054-1060. | 9.4 | 153 |
| 32 | Detecting the population dynamics of an autosomal sex ratio distorter transgene in malaria vector mosquitoes. <i>Journal of Applied Ecology</i> , 2020, 57, 2086-2096. | 1.9 | 14 |
| 33 | Considering patient clinical history impacts performance of machine learning models in predicting course of multiple sclerosis. <i>PLoS ONE</i> , 2020, 15, e0230219. | 1.1 | 30 |
| 34 | SARS-CoV-2 RNA identification in nasopharyngeal swabs: issues in pre-analytics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1579-1586. | 1.4 | 49 |
| 35 | 388. Multidrug Resistant Gram Negative Organisms Prevalence in Hospitalized Patients in an Italian Tertiary Level Hospital During COVID-19 Pandemia: First Detection is More Frequent in Clinical Samples than in Surveillance Rectal Swabs with Respect to the Previous 14-Month Period. <i>Open Forum Infectious Diseases</i> . 2020, 7, S262-S263. | 0.4 | 0 |
| 36 | Title is missing!. , 2020, 15, e0230219. | | 0 |

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|----|--|-----|-----------|
| 37 | Title is missing!. , 2020, 15, e0230219. | | 0 |
| 38 | Title is missing!. , 2020, 15, e0230219. | | 0 |
| 39 | Title is missing!. , 2020, 15, e0230219. | | 0 |
| 40 | High-resolution transcriptional profiling of <i>Anopheles gambiae</i> spermatogenesis reveals mechanisms of sex chromosome regulation. <i>Scientific Reports</i> , 2019, 9, 14841. | 1.6 | 26 |
| 41 | Gene drive for population genetic control: non-functional resistance and parental effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191586. | 1.2 | 39 |
| 42 | Introgression of a synthetic sex ratio distortion system from <i>Anopheles gambiae</i> into <i>Anopheles arabiensis</i> . <i>Scientific Reports</i> , 2019, 9, 5158. | 1.6 | 11 |
| 43 | Large-cage assessment of a transgenic sex-ratio distortion strain on populations of an African malaria vector. <i>Parasites and Vectors</i> , 2019, 12, 70. | 1.0 | 22 |
| 44 | Statistics of optimal information flow in ensembles of regulatory motifs. <i>Physical Review E</i> , 2018, 97, 022407. | 0.8 | 5 |
| 45 | Gene Drive: Evolved and Synthetic. <i>ACS Chemical Biology</i> , 2018, 13, 343-346. | 1.6 | 68 |
| 46 | Anticarcinogenic activities of sulforaphane are influenced by Nerve Growth Factor in human melanoma A375 cells. <i>Food and Chemical Toxicology</i> , 2018, 113, 154-161. | 1.8 | 9 |
| 47 | Gene drive to reduce malaria transmission in sub-Saharan Africa. <i>Journal of Responsible Innovation</i> , 2018, 5, S66-S80. | 2.3 | 49 |
| 48 | Antitumor activity and expression profiles of genes induced by sulforaphane in human melanoma cells. <i>European Journal of Nutrition</i> , 2018, 57, 2547-2569. | 1.8 | 30 |
| 49 | Molecular tools and genetic markers for the generation of transgenic sexing strains in Anopheline mosquitoes. <i>Parasites and Vectors</i> , 2018, 11, 660. | 1.0 | 10 |
| 50 | A CRISPR-Cas9 gene drive targeting doublesex causes complete population suppression in caged <i>Anopheles gambiae</i> mosquitoes. <i>Nature Biotechnology</i> , 2018, 36, 1062-1066. | 9.4 | 648 |
| 51 | Cross-Species Y Chromosome Function Between Malaria Vectors of the <i>Anopheles gambiae</i> Species Complex. <i>Genetics</i> , 2017, 207, 729-740. | 1.2 | 18 |
| 52 | Requirements for Driving Antipathogen Effector Genes into Populations of Disease Vectors by Homing. <i>Genetics</i> , 2017, 205, 1587-1596. | 1.2 | 62 |
| 53 | Crystallographic analyses illustrate significant plasticity and efficient recoding of meganuclease target specificity. <i>Nucleic Acids Research</i> , 2017, 45, 8621-8634. | 6.5 | 12 |
| 54 | The <i>Anopheles</i> FBN9 immune factor mediates <i>Plasmodium</i> species-specific defense through transgenic fat body expression. <i>Developmental and Comparative Immunology</i> , 2017, 67, 257-265. | 1.0 | 28 |

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|----|--|-----|-----------|
| 55 | Editorial: gene drive for vector control. <i>Pathogens and Global Health</i> , 2017, 111, 397-398. | 1.0 | 0 |
| 56 | Collaboration between a human group and artificial intelligence can improve prediction of multiple sclerosis course: a proof-of-principle study. <i>F1000Research</i> , 2017, 6, 2172. | 0.8 | 26 |
| 57 | Collaboration between a human group and artificial intelligence can improve prediction of multiple sclerosis course: a proof-of-principle study. <i>F1000Research</i> , 2017, 6, 2172. | 0.8 | 21 |
| 58 | The creation and selection of mutations resistant to a gene drive over multiple generations in the malaria mosquito. <i>PLoS Genetics</i> , 2017, 13, e1007039. | 1.5 | 243 |
| 59 | Radical remodeling of the Y chromosome in a recent radiation of malaria mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2114-23. | 3.3 | 92 |
| 60 | Human CD8+ T cells mediate protective immunity induced by a human malaria vaccine in human immune system mice. <i>Vaccine</i> , 2016, 34, 4501-4506. | 1.7 | 32 |
| 61 | A CRISPR-Cas9 sex-ratio distortion system for genetic control. <i>Scientific Reports</i> , 2016, 6, 31139. | 1.6 | 160 |
| 62 | Advancing vector biology research: a community survey for future directions, research applications and infrastructure requirements. <i>Pathogens and Global Health</i> , 2016, 110, 164-172. | 1.0 | 3 |
| 63 | A CRISPR-Cas9 gene drive system targeting female reproduction in the malaria mosquito vector <i>Anopheles gambiae</i> . <i>Nature Biotechnology</i> , 2016, 34, 78-83. | 9.4 | 985 |
| 64 | Noise Enhances Action Potential Generation in Mouse Sensory Neurons via Stochastic Resonance. <i>PLoS ONE</i> , 2016, 11, e0160950. | 1.1 | 19 |
| 65 | Vascular endothelial growth factor (VEGF) and lovastatin suppress the inflammatory response to <i>Plasmodium berghei</i> infection and protect against experimental cerebral malaria. <i>Pathogens and Global Health</i> , 2015, 109, 266-274. | 1.0 | 8 |
| 66 | The glassy random laser: replica symmetry breaking in the intensity fluctuations of emission spectra. <i>Scientific Reports</i> , 2015, 5, 16792. | 1.6 | 42 |
| 67 | Stimulating <i>Anopheles gambiae</i> swarms in the laboratory: application for behavioural and fitness studies. <i>Malaria Journal</i> , 2015, 14, 271. | 0.8 | 27 |
| 68 | Asymptomatic <i>Plasmodium falciparum</i> infection in children is associated with increased auto-antibody production, high IL-10 plasma levels and antibodies to merozoite surface protein 3. <i>Malaria Journal</i> , 2015, 14, 162. | 0.8 | 23 |
| 69 | VEGF and LPS synergistically silence inflammatory response to <i>Plasmodium berghei</i> infection and protect against cerebral malaria. <i>Pathogens and Global Health</i> , 2015, 109, 255-265. | 1.0 | 10 |
| 70 | A draft genome sequence of an invasive mosquito: an Italian <i>Aedes albopictus</i> . <i>Pathogens and Global Health</i> , 2015, 109, 207-220. | 1.0 | 35 |
| 71 | Editorial. <i>Pathogens and Global Health</i> , 2015, 109, 1-1. | 1.0 | 1 |
| 72 | The germline of the malaria mosquito produces abundant miRNAs, endo-siRNAs, piRNAs and 29-nt small RNAs. <i>BMC Genomics</i> , 2015, 16, 100. | 1.2 | 44 |

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|----|--|-----|-----------|
| 73 | Replication of <i>Plasmodium</i> in reticulocytes can occur without hemozoin formation, resulting in chloroquine resistance. <i>Journal of Experimental Medicine</i> , 2015, 212, 893-903. | 4.2 | 62 |
| 74 | A simple spin model for three step relaxation and secondary processes in glass formers. <i>Journal of Non-Crystalline Solids</i> , 2015, 407, 110-117. | 1.5 | 5 |
| 75 | Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522. | 6.0 | 492 |
| 76 | IgG2 Antibodies against a Clinical Grade <i>Plasmodium falciparum</i> CSP Vaccine Antigen Associate with Protection against Transgenic Sporozoite Challenge in Mice. <i>PLoS ONE</i> , 2014, 9, e111020. | 1.1 | 67 |
| 77 | Site-specific genetic engineering of the <i>Anopheles gambiae</i> Y chromosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7600-7605. | 3.3 | 79 |
| 78 | Noise in multiple sclerosis: unwanted and necessary. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 502-511. | 1.7 | 10 |
| 79 | Development of synthetic selfish elements based on modular nucleases in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 2014, 42, 7461-7472. | 6.5 | 64 |
| 80 | A synthetic sex ratio distortion system for the control of the human malaria mosquito. <i>Nature Communications</i> , 2014, 5, 3977. | 5.8 | 258 |
| 81 | Disruption of aminergic signalling reveals novel compounds with distinct inhibitory effects on mosquito reproduction, locomotor function and survival. <i>Scientific Reports</i> , 2014, 4, 5526. | 1.6 | 49 |
| 82 | Phenylalanine Metabolism Regulates Reproduction and Parasite Melanization in the Malaria Mosquito. <i>PLoS ONE</i> , 2014, 9, e84865. | 1.1 | 65 |
| 83 | Influence of infection on malaria-specific antibody dynamics in a cohort exposed to intense malaria transmission in northern Uganda. <i>Parasite Immunology</i> , 2013, 35, 164-173. | 0.7 | 40 |
| 84 | Regulation of <i>Anopheles gambiae</i> male accessory gland genes influences postmating response in female. <i>FASEB Journal</i> , 2013, 27, 86-97. | 0.2 | 14 |
| 85 | Exactly solvable spin-glass models with ferromagnetic couplings: The spherical multi-p-spin model in a self-induced field. <i>Nuclear Physics B</i> , 2013, 870, 176-204. | 0.9 | 11 |
| 86 | INFRAVEC: research capacity for the implementation of genetic control of mosquitoes. <i>Pathogens and Global Health</i> , 2013, 107, 458-462. | 1.0 | 4 |
| 87 | Vector and vector-borne disease research: need for coherence, vision and strategic planning. <i>Pathogens and Global Health</i> , 2013, 107, 385-386. | 1.0 | 2 |
| 88 | Transgenic Parasites Stably Expressing Full-Length <i>Plasmodium falciparum</i> Circumsporozoite Protein as a Model for Vaccine Down-Selection in Mice Using Sterile Protection as an Endpoint. <i>Vaccine Journal</i> , 2013, 20, 803-810. | 3.2 | 49 |
| 89 | CluGene: A Bioinformatics Framework for the Identification of Co-Localized, Co-Expressed and Co-Regulated Genes Aimed at the Investigation of Transcriptional Regulatory Networks from High-Throughput Expression Data. <i>PLoS ONE</i> , 2013, 8, e66196. | 1.1 | 7 |
| 90 | A New Threat Looming over the Mediterranean Basin: Emergence of Viral Diseases Transmitted by <i>Aedes albopictus</i> Mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1836. | 1.3 | 37 |

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|-----|--|------|-----------|
| 91 | Pathogens and Global Health. Pathogens and Global Health, 2012, 106, 1-1. | 1.0 | 3 |
| 92 | Editorial. Pathogens and Global Health, 2012, 106, 191-192. | 1.0 | 0 |
| 93 | Editorial. Pathogens and Global Health, 2012, 106, 129-130. | 1.0 | 0 |
| 94 | Silencing of the <i>Hsf</i> gene, the transcriptional regulator of <i>A. gambiae</i> male accessory glands, inhibits the formation of the mating plug in mated females and disrupts their monogamous behaviour. Pathogens and Global Health, 2012, 106, 405-412. | 1.0 | 10 |
| 95 | Following states in temperature in the spherical <i>s</i> + <i>p</i> -spin glass model. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P07002. | 0.9 | 9 |
| 96 | Mosquito Transgenic Technologies to Reduce Plasmodium Transmission. Methods in Molecular Biology, 2012, 923, 601-622. | 0.4 | 35 |
| 97 | Demasculinization of the <i>Anopheles gambiae</i> X chromosome. BMC Evolutionary Biology, 2012, 12, 69. | 3.2 | 40 |
| 98 | Engineering mosquito population for vector control. Malaria Journal, 2012, 11, . | 0.8 | 0 |
| 99 | Roles of the Amino Terminal Region and Repeat Region of the Plasmodium berghei Circumsporozoite Protein in Parasite Infectivity. PLoS ONE, 2012, 7, e32524. | 1.1 | 44 |
| 100 | Protective Antibody and CD8+ T-Cell Responses to the Plasmodium falciparum Circumsporozoite Protein Induced by a Nanoparticle Vaccine. PLoS ONE, 2012, 7, e48304. | 1.1 | 100 |
| 101 | Spermless males elicit large-scale female responses to mating in the malaria mosquito <i>Anopheles gambiae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13677-13681. | 3.3 | 101 |
| 102 | Analysis of Two Novel Midgut-Specific Promoters Driving Transgene Expression in <i>Anopheles stephensi</i> Mosquitoes. PLoS ONE, 2011, 6, e16471. | 1.1 | 40 |
| 103 | Transcription Regulation of Sex-Biased Genes during Ontogeny in the Malaria Vector <i>Anopheles gambiae</i> . PLoS ONE, 2011, 6, e21572. | 1.1 | 82 |
| 104 | Disruption of plasmepsin-4 and merozoites surface protein-7 genes in <i>Plasmodium berghei</i> induces combined virulence-attenuated phenotype. Scientific Reports, 2011, 1, 39. | 1.6 | 23 |
| 105 | A synthetic homing endonuclease-based gene drive system in the human malaria mosquito. Nature, 2011, 473, 212-215. | 13.7 | 303 |
| 106 | Gepoclu: a software tool for identifying and analyzing gene positional clusters in large-scale gene expression analysis. BMC Bioinformatics, 2011, 12, 34. | 1.2 | 4 |
| 107 | Developing transgenic <i>Anopheles</i> mosquitoes for the sterile insect technique. Genetica, 2011, 139, 33-39. | 0.5 | 44 |
| 108 | A comprehensive gene expression atlas of sex- and tissue-specificity in the malaria vector, <i>Anopheles gambiae</i> . BMC Genomics, 2011, 12, 296. | 1.2 | 169 |

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|-----|---|-----|-----------|
| 109 | Continuing Intense Malaria Transmission in Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 830-837. | 0.6 | 46 |
| 110 | Serum IgE Reactivity Profiling in an Asthma Affected Cohort. PLoS ONE, 2011, 6, e22319. | 1.1 | 13 |
| 111 | An antigen microarray immunoassay for multiplex screening of mouse monoclonal antibodies. Nature Protocols, 2010, 5, 1932-1944. | 5.5 | 12 |
| 112 | Plasmeprin 4-Deficient Plasmodium berghei Are Virulence Attenuated and Induce Protective Immunity against Experimental Malaria. American Journal of Pathology, 2010, 176, 205-217. | 1.9 | 105 |
| 113 | A Role for Immune Responses against Non-CS Components in the Cross-Species Protection Induced by Immunization with Irradiated Malaria Sporozoites. PLoS ONE, 2009, 4, e7717. | 1.1 | 36 |
| 114 | The vasa regulatory region mediates germline expression and maternal transmission of proteins in the malaria mosquito Anopheles gambiae: a versatile tool for genetic control strategies. BMC Molecular Biology, 2009, 10, 65. | 3.0 | 80 |
| 115 | Sex separation strategies: past experience and new approaches. Malaria Journal, 2009, 8, S5. | 0.8 | 110 |
| 116 | Transgenic technologies to induce sterility. Malaria Journal, 2009, 8, S7. | 0.8 | 63 |
| 117 | The thrombospondin-related protein CpMIC1 (CpTSP8) belongs to the repertoire of micronemal proteins of Cryptosporidium parvum. Molecular and Biochemical Parasitology, 2008, 157, 98-101. | 0.5 | 38 |
| 118 | Temporal and Spatial Distribution of <i>Toxoplasma gondii</i> Differentiation into Bradyzoites and Tissue Cyst Formation In Vivo. Infection and Immunity, 2008, 76, 3491-3501. | 1.0 | 85 |
| 119 | Targeting the X Chromosome during Spermatogenesis Induces Y Chromosome Transmission Ratio Distortion and Early Dominant Embryo Lethality in Anopheles gambiae. PLoS Genetics, 2008, 4, e1000291. | 1.5 | 151 |
| 120 | A genome-wide analysis in <i>Anopheles gambiae</i> mosquitoes reveals 46 male accessory gland genes, possible modulators of female behavior. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16215-16220. | 3.3 | 133 |
| 121 | Profiling the Antibody Immune Response against Blood Stage Malaria Vaccine Candidates. Clinical Chemistry, 2007, 53, 1244-1253. | 1.5 | 102 |
| 122 | Amorphous-amorphous transition and the two-step replica symmetry breaking phase. Physical Review B, 2007, 76, . | 1.1 | 54 |
| 123 | Homing endonuclease mediated gene targeting in Anopheles gambiae cells and embryos. Nucleic Acids Research, 2007, 35, 5922-5933. | 6.5 | 115 |
| 124 | Functional cell permeable motifs within medically relevant proteins. Journal of Biotechnology, 2007, 129, 555-564. | 1.9 | 19 |
| 125 | Post-integration behavior of a Minos transposon in the malaria mosquito Anopheles stephensi. Molecular Genetics and Genomics, 2007, 278, 575-584. | 1.0 | 17 |
| 126 | Sterile Protection against Malaria Is Independent of Immune Responses to the Circumsporozoite Protein. PLoS ONE, 2007, 2, e1371. | 1.1 | 81 |

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|-----|---|-----|-----------|
| 127 | Marginal states in mean-field glasses. <i>Physical Review B</i> , 2006, 74, . | 1.1 | 21 |
| 128 | Disruption of <i>Plasmodium berghei</i> merozoite surface protein 7 gene modulates parasite growth in vivo. <i>Blood</i> , 2005, 105, 394-396. | 0.6 | 34 |
| 129 | Motility and infectivity of <i>Plasmodium berghei</i> sporozoites expressing avian <i>Plasmodium gallinaceum</i> circumsporozoite protein. <i>Cellular Microbiology</i> , 2005, 7, 699-707. | 1.1 | 26 |
| 130 | An <i>Anopheles</i> transgenic sexing strain for vector control. <i>Nature Biotechnology</i> , 2005, 23, 1414-1417. | 9.4 | 180 |
| 131 | Allergen Microarrays. , 2005, 114, 195-207. | | 11 |
| 132 | Stable Solution of the Simplest Spin Model for Inverse Freezing. <i>Physical Review Letters</i> , 2005, 95, 087201. | 2.9 | 46 |
| 133 | Identification of sex-specific transcripts of the <i>Anopheles gambiae</i> doublesex gene. <i>Journal of Experimental Biology</i> , 2005, 208, 3701-3709. | 0.8 | 103 |
| 134 | Inverse Associations of Human Leukocyte Antigen and Malaria Parasite Types in Two West African Populations. <i>Infection and Immunity</i> , 2005, 73, 953-955. | 1.0 | 11 |
| 135 | Frequency-domain study of $\hat{I}\pm$ relaxation in the random orthogonal model. <i>Philosophical Magazine</i> , 2004, 84, 1389-1395. | 0.7 | 0 |
| 136 | Thermodynamic properties of a full-replica-symmetry-breaking Ising spin glass on lattice gas: The random Blume-Emery-Griffiths-Capel model. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 24 |
| 137 | Antibody Response of Healthy Adults to Recombinant Thrombospondin-Related Adhesive Protein of <i>Cryptosporidium</i> 1 after Experimental Exposure to <i>Cryptosporidium</i> Oocysts. <i>Vaccine Journal</i> , 2004, 11, 235-238. | 2.6 | 11 |
| 138 | Protein Arrays for Serodiagnosis of Disease. , 2004, 264, 271-284. | | 29 |
| 139 | Serodiagnosis of infectious diseases with antigen microarrays. <i>Journal of Applied Microbiology</i> , 2004, 96, 10-17. | 1.4 | 65 |
| 140 | A recombinant H1 histone-based system for efficient delivery of nucleic acids. <i>Journal of Biotechnology</i> , 2003, 105, 215-226. | 1.9 | 46 |
| 141 | Stable and heritable gene silencing in the malaria vector <i>Anopheles stephensi</i> . <i>Nucleic Acids Research</i> , 2003, 31, 85e-85. | 6.5 | 55 |
| 142 | Comparative analysis of DNA vectors at mediating RNAi in <i>Anopheles</i> mosquito cells and larvae. <i>Journal of Experimental Biology</i> , 2003, 206, 1817-1823. | 0.8 | 17 |
| 143 | Impact of Genetic Manipulation on the Fitness of <i>Anopheles stephensi</i> Mosquitoes. <i>Science</i> , 2003, 299, 1225-1227. | 6.0 | 176 |
| 144 | Protein microarray technology for unraveling the antibody specificity repertoire against microbial proteomes. <i>Current Opinion in Molecular Therapeutics</i> , 2003, 5, 278-84. | 2.8 | 6 |

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|-----|--|------|-----------|
| 145 | piggyBac-mediated Germline Transformation of the Malaria Mosquito <i>Anopheles stephensi</i> Using the Red Fluorescent Protein dsRED as a Selectable Marker. <i>Journal of Biological Chemistry</i> , 2002, 277, 8759-8762. | 1.6 | 87 |
| 146 | Bee Venom Phospholipase Inhibits Malaria Parasite Development in Transgenic Mosquitoes. <i>Journal of Biological Chemistry</i> , 2002, 277, 40839-40843. | 1.6 | 168 |
| 147 | Function of Region I and II Adhesive Motifs of <i>Plasmodium falciparum</i> Circumsporozoite Protein in Sporozoite Motility and Infectivity. <i>Journal of Biological Chemistry</i> , 2002, 277, 47613-47618. | 1.6 | 98 |
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