

Andrea Crisanti

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

13,050
citations

30070

54
h-index

30087

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/Vinschgau: the CHRIS COVID-19 study protocol. <i>Pathogens and Global Health</i> , 2022, 116, 128-136.	2.3	4
2	Rapid SARS-CoV-2 Intra-Host and Within-Household Emergence of Novel Haplotypes. <i>Viruses</i> , 2022, 14, 399.	3.3	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.	3.3	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, .	5.0	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.	1.6	6
6	Neutralising reactivity against SARS-CoV-2 Delta and Omicron variants by vaccination and infection history. <i>Genome Medicine</i> , 2022, 14, .	8.2	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.	3.5	72
8	A Code of Ethics for Gene Drive Research. <i>CRISPR Journal</i> , 2021, 4, 19-24.	2.9	24
9	Machine Learning Use for Prognostic Purposes in Multiple Sclerosis. <i>Life</i> , 2021, 11, 122.	2.4	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.	2.3	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, .	1.8	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.	2.9	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, .	7.1	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.	4.7	5
15	The Diagnostic Yield of the Multidisciplinary Discussion in Patients With COVID-19 Pneumonia. <i>Frontiers in Medicine</i> , 2021, 8, 637872.	2.6	5
16	A genetically encoded anti-CRISPR protein constrains gene drive spread and prevents population suppression. <i>Nature Communications</i> , 2021, 12, 3977.	12.8	34
17	SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Voà€™. <i>Nature Communications</i> , 2021, 12, 4383.	12.8	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.	12.8	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.	2.6	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.	2.7	36
21	<i>Anopheles gambiae</i> Genome Conservation as a Resource for Rational Gene Drive Target Site Selection. <i>Insects</i> , 2021, 12, 97.	2.2	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.	1.7	5
23	Detection of severe acute respiratory syndrome coronavirus 2 in corneas from asymptomatic donors. <i>Acta Ophthalmologica</i> , 2021, 99, e1245-e1246.	1.1	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.	3.5	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.	2.4	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.	7.1	88
27	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Voë™. <i>Nature</i> , 2020, 584, 425-429.	27.8	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.	2.6	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.	5.5	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.	2.5	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.	17.5	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.	4.0	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.	2.5	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.	2.3	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.	0.9	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.	3.3	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.	2.6	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.	3.3	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.	2.5	22
44	Statistics of optimal information flow in ensembles of regulatory motifs. <i>Physical Review E</i> , 2018, 97, 022407.	2.1	5
45	Gene Drive: Evolved and Synthetic. <i>ACS Chemical Biology</i> , 2018, 13, 343-346.	3.4	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.	3.6	9
47	Gene drive to reduce malaria transmission in sub-Saharan Africa. <i>Journal of Responsible Innovation</i> , 2018, 5, S66-S80.	4.9	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.	3.9	30
49	Molecular tools and genetic markers for the generation of transgenic sexing strains in <i>Anopheline</i> mosquitoes. <i>Parasites and Vectors</i> , 2018, 11, 660.	2.5	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.	17.5	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.	2.9	18
52	Requirements for Driving Antipathogen Effector Genes into Populations of Disease Vectors by Homing. <i>Genetics</i> , 2017, 205, 1587-1596.	2.9	62
53	Crystallographic analyses illustrate significant plasticity and efficient recoding of meganuclease target specificity. <i>Nucleic Acids Research</i> , 2017, 45, 8621-8634.	14.5	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.	2.3	28

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55	Editorial: gene drive for vector control. <i>Pathogens and Global Health</i> , 2017, 111, 397-398.	2.3	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.	1.6	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.	1.6	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.	3.5	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.	7.1	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.	3.8	32
61	A CRISPR-Cas9 sex-ratio distortion system for genetic control. <i>Scientific Reports</i> , 2016, 6, 31139.	3.3	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.	2.3	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.	17.5	985
64	Noise Enhances Action Potential Generation in Mouse Sensory Neurons via Stochastic Resonance. <i>PLoS ONE</i> , 2016, 11, e0160950.	2.5	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.	2.3	8
66	The glassy random laser: replica symmetry breaking in the intensity fluctuations of emission spectra. <i>Scientific Reports</i> , 2015, 5, 16792.	3.3	42
67	Stimulating <i>Anopheles gambiae</i> swarms in the laboratory: application for behavioural and fitness studies. <i>Malaria Journal</i> , 2015, 14, 271.	2.3	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.	2.3	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.	2.3	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.	2.3	35
71	Editorial. <i>Pathogens and Global Health</i> , 2015, 109, 1-1.	2.3	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.	2.8	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.	8.5	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.	3.1	5
75	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	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.	2.5	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.	7.1	79
78	Noise in multiple sclerosis: unwanted and necessary. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 502-511.	3.7	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.	14.5	64
80	A synthetic sex ratio distortion system for the control of the human malaria mosquito. <i>Nature Communications</i> , 2014, 5, 3977.	12.8	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.	3.3	49
82	Phenylalanine Metabolism Regulates Reproduction and Parasite Melanization in the Malaria Mosquito. <i>PLoS ONE</i> , 2014, 9, e84865.	2.5	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.	1.5	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.	0.5	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.	2.5	11
86	INFRAVEC: research capacity for the implementation of genetic control of mosquitoes. <i>Pathogens and Global Health</i> , 2013, 107, 458-462.	2.3	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.	2.3	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.	3.1	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.	2.5	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.	3.0	37

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91	Pathogens and Global Health. Pathogens and Global Health, 2012, 106, 1-1.	2.3	3
92	Editorial. Pathogens and Global Health, 2012, 106, 191-192.	2.3	0
93	Editorial. Pathogens and Global Health, 2012, 106, 129-130.	2.3	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.	2.3	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.	2.3	9
96	Mosquito Transgenic Technologies to Reduce Plasmodium Transmission. Methods in Molecular Biology, 2012, 923, 601-622.	0.9	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, .	2.3	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.	2.5	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.	2.5	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.	7.1	101
102	Analysis of Two Novel Midgut-Specific Promoters Driving Transgene Expression in <i>Anopheles stephensi</i> Mosquitoes. PLoS ONE, 2011, 6, e16471.	2.5	40
103	Transcription Regulation of Sex-Biased Genes during Ontogeny in the Malaria Vector <i>Anopheles gambiae</i> . PLoS ONE, 2011, 6, e21572.	2.5	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.	3.3	23
105	A synthetic homing endonuclease-based gene drive system in the human malaria mosquito. Nature, 2011, 473, 212-215.	27.8	303
106	Gepoclu: a software tool for identifying and analyzing gene positional clusters in large-scale gene expression analysis. BMC Bioinformatics, 2011, 12, 34.	2.6	4
107	Developing transgenic <i>Anopheles</i> mosquitoes for the sterile insect technique. Genetica, 2011, 139, 33-39.	1.1	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.	2.8	169

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109	Continuing Intense Malaria Transmission in Northern Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 830-837.	1.4	46
110	Serum IgE Reactivity Profiling in an Asthma Affected Cohort. PLoS ONE, 2011, 6, e22319.	2.5	13
111	An antigen microarray immunoassay for multiplex screening of mouse monoclonal antibodies. Nature Protocols, 2010, 5, 1932-1944.	12.0	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.	3.8	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.	2.5	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.	2.3	110
116	Transgenic technologies to induce sterility. Malaria Journal, 2009, 8, S7.	2.3	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.	1.1	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.	2.2	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.	3.5	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.	7.1	133
121	Profiling the Antibody Immune Response against Blood Stage Malaria Vaccine Candidates. Clinical Chemistry, 2007, 53, 1244-1253.	3.2	102
122	Amorphous-amorphous transition and the two-step replica symmetry breaking phase. Physical Review B, 2007, 76, .	3.2	54
123	Homing endonuclease mediated gene targeting in Anopheles gambiae cells and embryos. Nucleic Acids Research, 2007, 35, 5922-5933.	14.5	115
124	Functional cell permeable motifs within medically relevant proteins. Journal of Biotechnology, 2007, 129, 555-564.	3.8	19
125	Post-integration behavior of a Minos transposon in the malaria mosquito Anopheles stephensi. Molecular Genetics and Genomics, 2007, 278, 575-584.	2.1	17
126	Sterile Protection against Malaria Is Independent of Immune Responses to the Circumsporozoite Protein. PLoS ONE, 2007, 2, e1371.	2.5	81

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127	Marginal states in mean-field glasses. <i>Physical Review B</i> , 2006, 74, .	3.2	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.	1.4	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.	2.1	26
130	An <i>Anopheles</i> transgenic sexing strain for vector control. <i>Nature Biotechnology</i> , 2005, 23, 1414-1417.	17.5	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.	7.8	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.	1.7	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.	2.2	11
135	Frequency-domain study of $\hat{\Gamma}$ relaxation in the random orthogonal model. <i>Philosophical Magazine</i> , 2004, 84, 1389-1395.	1.6	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, .	3.2	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.	3.1	65
140	A recombinant H1 histone-based system for efficient delivery of nucleic acids. <i>Journal of Biotechnology</i> , 2003, 105, 215-226.	3.8	46
141	Stable and heritable gene silencing in the malaria vector <i>Anopheles stephensi</i> . <i>Nucleic Acids Research</i> , 2003, 31, 85e-85.	14.5	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.	1.7	17
143	Impact of Genetic Manipulation on the Fitness of <i>Anopheles stephensi</i> Mosquitoes. <i>Science</i> , 2003, 299, 1225-1227.	12.6	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.	3.4	87
146	Bee Venom Phospholipase Inhibits Malaria Parasite Development in Transgenic Mosquitoes. <i>Journal of Biological Chemistry</i> , 2002, 277, 40839-40843.	3.4	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.	3.4	98
148	Malaria Control with Genetically Manipulated Insect Vectors. <i>Science</i> , 2002, 298, 119-121.	12.6	221
149	A glass transition scenario based on heterogeneities and entropy barriers. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 143-149.	0.6	5
150	Detection of Allergen-specific IgE on Microarrays by Use of Signal Amplification Techniques. <i>Clinical Chemistry</i> , 2002, 48, 1367-1370.	3.2	67
151	Antigen Microarrays for Serodiagnosis of Infectious Diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-130.	3.2	183
152	Protein Microarrays: From Serodiagnosis to Whole Proteome Scale Analysis of the Immune Response Against Pathogenic Microorganisms. <i>BioTechniques</i> , 2002, 33, S24-S29.	1.8	38
153	The SAG5 locus of <i>Toxoplasma gondii</i> encodes three novel proteins belonging to the SAG1 family of surface antigens. <i>International Journal for Parasitology</i> , 2002, 32, 121-131.	3.1	14
154	Intramembrane cleavage of microneme proteins at the surface of the apicomplexan parasite <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2002, 21, 1577-1585.	7.8	104
155	A glass transition scenario based on heterogeneities and entropy barriers. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 143-149.	0.6	4
156	Antigen microarrays for serodiagnosis of infectious diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-30.	3.2	50
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