

Andrea Crisanti

List of Publications by Year in descending order

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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	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
2	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo��. <i>Nature</i> , 2020, 584, 425-429.	13.7	872
3	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
4	TRAP Is Necessary for Gliding Motility and Infectivity of <i>Plasmodium</i> Sporozoites. <i>Cell</i> , 1997, 90, 511-522.	13.5	580
5	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258-1262.	6.0	492
6	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
7	Stable germline transformation of the malaria mosquito <i>Anopheles stephensi</i> . <i>Nature</i> , 2000, 405, 959-962.	13.7	344
8	A synthetic homing endonuclease-based gene drive system in the human malaria mosquito. <i>Nature</i> , 2011, 473, 212-215.	13.7	303
9	A synthetic sex ratio distortion system for the control of the human malaria mosquito. <i>Nature Communications</i> , 2014, 5, 3977.	5.8	258
10	CTRP is essential for mosquito infection by malaria ookinetes. <i>EMBO Journal</i> , 1999, 18, 6221-6227.	3.5	255
11	Products of Random Matrices. <i>Springer Series in Solid-state Sciences</i> , 1993, , .	0.3	248
12	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
13	Malaria Control with Genetically Manipulated Insect Vectors. <i>Science</i> , 2002, 298, 119-121.	6.0	221
14	Antigen Microarrays for Serodiagnosis of Infectious Diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-130.	1.5	183
15	An <i>Anopheles</i> transgenic sexing strain for vector control. <i>Nature Biotechnology</i> , 2005, 23, 1414-1417.	9.4	180
16	Impact of Genetic Manipulation on the Fitness of <i>Anopheles stephensi</i> Mosquitoes. <i>Science</i> , 2003, 299, 1225-1227.	6.0	176
17	A comprehensive gene expression atlas of sex- and tissue-specificity in the malaria vector, <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2011, 12, 296.	1.2	169
18	Bee Venom Phospholipase Inhibits Malaria Parasite Development in Transgenic Mosquitoes. <i>Journal of Biological Chemistry</i> , 2002, 277, 40839-40843.	1.6	168

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19	A CRISPR-Cas9 sex-ratio distortion system for genetic control. <i>Scientific Reports</i> , 2016, 6, 31139.	1.6	160
20	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
21	Targeting the X Chromosome during Spermatogenesis Induces Y Chromosome Transmission Ratio Distortion and Early Dominant Embryo Lethality in <i>Anopheles gambiae</i> . <i>PLoS Genetics</i> , 2008, 4, e1000291.	1.5	151
22	Molecular cloning and expression analysis of a <i>Cryptosporidium parvum</i> gene encoding a new member of the thrombospondin family Note: Nucleotide sequence data reported in this paper are available in the GenBank® data base under the accession numbers AF017267 (cp/ZAP.4) and U42213 (Cw.TC1). <i>Molecular and Biochemical Parasitology</i> , 1998, 92, 147-162.	0.5	135
23	Multilocus Genotypic Analysis of <i>Cryptosporidium parvum</i> Isolates from Different Hosts and Geographical Origins. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3255-3259.	1.8	135
24	The A-domain and the thrombospondin-related motif of <i>Plasmodium falciparum</i> TRAP are implicated in the invasion process of mosquito salivary glands. <i>EMBO Journal</i> , 1999, 18, 5195-5204.	3.5	135
25	A genome-wide analysis in <i>Anopheles gambiae</i> mosquitoes reveals 46 male accessory gland genes, possible modulators of female behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16215-16220.	3.3	133
26	Homing endonuclease mediated gene targeting in <i>Anopheles gambiae</i> cells and embryos. <i>Nucleic Acids Research</i> , 2007, 35, 5922-5933.	6.5	115
27	Sex separation strategies: past experience and new approaches. <i>Malaria Journal</i> , 2009, 8, S5.	0.8	110
28	Plasmeprin 4-Deficient <i>Plasmodium berghei</i> Are Virulence Attenuated and Induce Protective Immunity against Experimental Malaria. <i>American Journal of Pathology</i> , 2010, 176, 205-217.	1.9	105
29	Intramembrane cleavage of microneme proteins at the surface of the apicomplexan parasite <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2002, 21, 1577-1585.	3.5	104
30	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
31	Profiling the Antibody Immune Response against Blood Stage Malaria Vaccine Candidates. <i>Clinical Chemistry</i> , 2007, 53, 1244-1253.	1.5	102
32	Spermless males elicit large-scale female responses to mating in the malaria mosquito <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13677-13681.	3.3	101
33	Protective Antibody and CD8+ T-Cell Responses to the <i>Plasmodium falciparum</i> Circumsporozoite Protein Induced by a Nanoparticle Vaccine. <i>PLoS ONE</i> , 2012, 7, e48304.	1.1	100
34	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
35	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
36	Two Conserved Amino Acid Motifs Mediate Protein Targeting to the Micronemes of the Apicomplexan Parasite <i>Toxoplasma gondii</i> . <i>Molecular and Cellular Biology</i> , 2000, 20, 7332-7341.	1.1	91

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37	Standardizing the definition of gene drive. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30864-30867.	3.3	88
38	piggyBac-mediated Germline Transformation of the Malaria Mosquito <i>Anopheles stephensi</i> Using the Red Fluorescent Protein dsRED as a Selectable Marker. Journal of Biological Chemistry, 2002, 277, 8759-8762.	1.6	87
39	<i>Cryptosporidium parvum</i> :PCR-RFLP Analysis of the TRAP-C1 (Thrombospondin-Related Adhesive Protein) Tj ETQq1 1 0.784314 rgBT /C Isolates of Animal and Human Origin. Experimental Parasitology, 1998, 90, 195-198.	0.5	85
40	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
41	Transcription Regulation of Sex-Biased Genes during Ontogeny in the Malaria Vector <i>Anopheles gambiae</i> . PLoS ONE, 2011, 6, e21572.	1.1	82
42	Sterile Protection against Malaria Is Independent of Immune Responses to the Circumsporozoite Protein. PLoS ONE, 2007, 2, e1371.	1.1	81
43	The vasa regulatory region mediates germline expression and maternal transmission of proteins in the malaria mosquito <i>Anopheles gambiae</i> : a versatile tool for genetic control strategies. BMC Molecular Biology, 2009, 10, 65.	3.0	80
44	Site-specific genetic engineering of the <i>Anopheles gambiae</i> Y chromosome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7600-7605.	3.3	79
45	Regulating the expression of gene drives is key to increasing their invasive potential and the mitigation of resistance. PLoS Genetics, 2021, 17, e1009321.	1.5	72
46	Gene Drive: Evolved and Synthetic. ACS Chemical Biology, 2018, 13, 343-346.	1.6	68
47	Detection of Allergen-specific IgE on Microarrays by Use of Signal Amplification Techniques. Clinical Chemistry, 2002, 48, 1367-1370.	1.5	67
48	IgG2 Antibodies against a Clinical Grade <i>Plasmodium falciparum</i> CSP Vaccine Antigen Associate with Protection against Transgenic Sporozoite Challenge in Mice. PLoS ONE, 2014, 9, e111020.	1.1	67
49	Serodiagnosis of infectious diseases with antigen microarrays. Journal of Applied Microbiology, 2004, 96, 10-17.	1.4	65
50	Phenylalanine Metabolism Regulates Reproduction and Parasite Melanization in the Malaria Mosquito. PLoS ONE, 2014, 9, e84865.	1.1	65
51	Development of synthetic selfish elements based on modular nucleases in <i>Drosophila melanogaster</i> . Nucleic Acids Research, 2014, 42, 7461-7472.	6.5	64
52	Transgenic technologies to induce sterility. Malaria Journal, 2009, 8, S7.	0.8	63
53	Replication of <i>Plasmodium</i> in reticulocytes can occur without hemozoin formation, resulting in chloroquine resistance. Journal of Experimental Medicine, 2015, 212, 893-903.	4.2	62
54	Requirements for Driving Antipathogen Effector Genes into Populations of Disease Vectors by Homing. Genetics, 2017, 205, 1587-1596.	1.2	62

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55	Identification of heparin as a ligand for the A-domain of Plasmodium falciparum thrombospondin-related adhesion protein. <i>Molecular and Biochemical Parasitology</i> , 1999, 100, 111-124.	0.5	61
56	Toward Anopheles transformation: Minos element activity in anopheline cells and embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2157-2162.	3.3	61
57	Dynamics of passively advected impurities in simple two-dimensional flow models. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 1805-1820.	1.6	60
58	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
59	A prime-boost immunisation regimen using DNA followed by recombinant modified vaccinia virus Ankara induces strong cellular immune responses against the Plasmodium falciparum TRAP antigen in chimpanzees. <i>Vaccine</i> , 2001, 19, 4595-4602.	1.7	58
60	Stable and heritable gene silencing in the malaria vector Anopheles stephensi. <i>Nucleic Acids Research</i> , 2003, 31, 85e-85.	6.5	55
61	Amorphous-amorphous transition and the two-step replica symmetry breaking phase. <i>Physical Review B</i> , 2007, 76, .	1.1	54
62	Antigen microarrays for serodiagnosis of infectious diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-30.	1.5	50
63	Transgenic Parasites Stably Expressing Full-Length Plasmodium falciparum 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
64	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
65	Gene drive to reduce malaria transmission in sub-Saharan Africa. <i>Journal of Responsible Innovation</i> , 2018, 5, S66-S80.	2.3	49
66	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
67	A recombinant H1 histone-based system for efficient delivery of nucleic acids. <i>Journal of Biotechnology</i> , 2003, 105, 215-226.	1.9	46
68	Stable Solution of the Simplest Spin Model for Inverse Freezing. <i>Physical Review Letters</i> , 2005, 95, 087201.	2.9	46
69	Continuing Intense Malaria Transmission in Northern Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 830-837.	0.6	46
70	Cloning and expression of the thrombospondin related adhesive protein gene of Plasmodium berghei1Note: GenBank submission number: U677631. <i>Molecular and Biochemical Parasitology</i> , 1997, 84, 1-12.	0.5	44
71	Developing transgenic Anopheles mosquitoes for the sterile insect technique. <i>Genetica</i> , 2011, 139, 33-39.	0.5	44
72	Roles of the Amino Terminal Region and Repeat Region of the Plasmodium berghei Circumsporozoite Protein in Parasite Infectivity. <i>PLoS ONE</i> , 2012, 7, e32524.	1.1	44

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73	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
74	Thrombospondin-related adhesive protein (TRAP) of <i>Plasmodium berghei</i> and parasite motility. <i>Lancet</i> , The, 1997, 350, 335.	6.3	42
75	The glassy random laser: replica symmetry breaking in the intensity fluctuations of emission spectra. <i>Scientific Reports</i> , 2015, 5, 16792.	1.6	42
76	Analysis of Two Novel Midgut-Specific Promoters Driving Transgene Expression in <i>Anopheles stephensi</i> Mosquitoes. <i>PLoS ONE</i> , 2011, 6, e16471.	1.1	40
77	Demasculinization of the <i>Anopheles gambiae</i> X chromosome. <i>BMC Evolutionary Biology</i> , 2012, 12, 69.	3.2	40
78	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
79	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
80	Protein Microarrays: From Serodiagnosis to Whole Proteome Scale Analysis of the Immune Response Against Pathogenic Microorganisms. <i>BioTechniques</i> , 2002, 33, S24-S29.	0.8	38
81	The thrombospondin-related protein CpMIC1 (CpTSP8) belongs to the repertoire of micronemal proteins of <i>Cryptosporidium parvum</i> . <i>Molecular and Biochemical Parasitology</i> , 2008, 157, 98-101.	0.5	38
82	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
83	A Role for Immune Responses against Non-CS Components in the Cross-Species Protection Induced by Immunization with Irradiated Malaria Sporozoites. <i>PLoS ONE</i> , 2009, 4, e7717.	1.1	36
84	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
85	Mosquito Transgenic Technologies to Reduce <i>Plasmodium</i> Transmission. <i>Methods in Molecular Biology</i> , 2012, 923, 601-622.	0.4	35
86	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
87	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
88	A genetically encoded anti-CRISPR protein constrains gene drive spread and prevents population suppression. <i>Nature Communications</i> , 2021, 12, 3977.	5.8	34
89	SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Vo' (TN). <i>Nature Communications</i> , 2021, 12, 4383.	5.8	33
90	<i>Cryptosporidium parvum</i> : the many secrets of a small genome. <i>International Journal for Parasitology</i> , 2000, 30, 553-565.	1.3	32

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91	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
92	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
93	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
94	Protein Arrays for Serodiagnosis of Disease. , 2004, 264, 271-284.		29
95	The Anopheles FBN9 immune factor mediates Plasmodium species-specific defense through transgenic fat body expression. <i>Developmental and Comparative Immunology</i> , 2017, 67, 257-265.	1.0	28
96	Stimulating Anopheles gambiae swarms in the laboratory: application for behavioural and fitness studies. <i>Malaria Journal</i> , 2015, 14, 271.	0.8	27
97	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
98	Nuclear Factors Bind to a Conserved DNA Element That Modulates Transcription of Anopheles gambiae Trypsin Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 700-707.	1.6	26
99	Motility and infectivity of Plasmodium berghei sporozoites expressing avian Plasmodium gallinaceum circumsporozoite protein. <i>Cellular Microbiology</i> , 2005, 7, 699-707.	1.1	26
100	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
101	High-resolution transcriptional profiling of Anopheles gambiae spermatogenesis reveals mechanisms of sex chromosome regulation. <i>Scientific Reports</i> , 2019, 9, 14841.	1.6	26
102	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
103	Generalized Lyapunov exponents in high-dimensional chaotic dynamics and products of large random matrices. <i>Journal of Statistical Physics</i> , 1988, 53, 583-601.	0.5	25
104	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
105	A Code of Ethics for Gene Drive Research. <i>CRISPR Journal</i> , 2021, 4, 19-24.	1.4	24
106	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
107	Transformed <i>Toxoplasma gondii</i> Tachyzoites Expressing the Circumsporozoite Protein of <i>Plasmodium knowlesi</i> Elicit a Specific Immune Response in Rhesus Monkeys. <i>Infection and Immunity</i> , 1999, 67, 1677-1682.	1.0	24
108	Disruption of plasmepsin-4 and merozoites surface protein-7 genes in Plasmodium berghei induces combined virulence-attenuated phenotype. <i>Scientific Reports</i> , 2011, 1, 39.	1.6	23

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109	Asymptomatic Plasmodium falciparum infection in children is associated with increased auto-antibody production, high IL-10 plasma levels and antibodies to merozoite surface protein 3. Malaria Journal, 2015, 14, 162.	0.8	23
110	Large-cage assessment of a transgenic sex-ratio distortion strain on populations of an African malaria vector. Parasites and Vectors, 2019, 12, 70.	1.0	22
111	Marginal states in mean-field glasses. Physical Review B, 2006, 74, .	1.1	21
112	Collaboration between a human group and artificial intelligence can improve prediction of multiple sclerosis course: a proof-of-principle study. F1000Research, 2017, 6, 2172.	0.8	21
113	Machine Learning Use for Prognostic Purposes in Multiple Sclerosis. Life, 2021, 11, 122.	1.1	21
114	Resistance to a CRISPR-based gene drive at an evolutionarily conserved site is revealed by mimicking genotype fixation. PLoS Genetics, 2021, 17, e1009740.	1.5	21
115	Functional cell permeable motifs within medically relevant proteins. Journal of Biotechnology, 2007, 129, 555-564.	1.9	19
116	Noise Enhances Action Potential Generation in Mouse Sensory Neurons via Stochastic Resonance. PLoS ONE, 2016, 11, e0160950.	1.1	19
117	Lyapunov exponent for products of Markovian random matrices. Physical Review A, 1989, 39, 6491-6497.	1.0	18
118	Are mean-field spin-glass models relevant for the structural glass transition?. Physica A: Statistical Mechanics and Its Applications, 2000, 280, 155-160.	1.2	18
119	Cross-Species Y Chromosome Function Between Malaria Vectors of the <i>Anopheles gambiae</i> Species Complex. Genetics, 2017, 207, 729-740.	1.2	18
120	Comparative analysis of DNA vectors at mediating RNAi in Anopheles mosquito cells and larvae. Journal of Experimental Biology, 2003, 206, 1817-1823.	0.8	17
121	Post-integration behavior of a Minos transposon in the malaria mosquito Anopheles stephensi. Molecular Genetics and Genomics, 2007, 278, 575-584.	1.0	17
122	Applying algorithmic complexity to define chaos in the motion of complex systems. Physical Review E, 1994, 50, 1959-1967.	0.8	16
123	Assessing the acoustic behaviour of Anopheles gambiae (s.l.) dsxF mutants: implications for vector control. Parasites and Vectors, 2020, 13, 507.	1.0	15
124	Detection of allergen-specific IgE on microarrays by use of signal amplification techniques. Clinical Chemistry, 2002, 48, 1367-70.	1.5	15
125	Longitudinal analysis of T cell receptor repertoires reveals shared patterns of antigen-specific response to SARS-CoV-2 infection. JCI Insight, 2022, 7, .	2.3	15
126	Neutralising reactivity against SARS-CoV-2 Delta and Omicron variants by vaccination and infection history. Genome Medicine, 2022, 14, .	3.6	15

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127	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.	1.3	14
128	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
129	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
130	Protein microarrays: from serodiagnosis to whole proteome scale analysis of the immune response against pathogenic microorganisms. <i>BioTechniques</i> , 2002, Suppl, 24-9.	0.8	14
131	Serum IgE Reactivity Profiling in an Asthma Affected Cohort. <i>PLoS ONE</i> , 2011, 6, e22319.	1.1	13
132	An antigen microarray immunoassay for multiplex screening of mouse monoclonal antibodies. <i>Nature Protocols</i> , 2010, 5, 1932-1944.	5.5	12
133	Crystallographic analyses illustrate significant plasticity and efficient recoding of meganuclease target specificity. <i>Nucleic Acids Research</i> , 2017, 45, 8621-8634.	6.5	12
134	Chromosome mapping in <i>Cryptosporidium parvum</i> and establishment of a long-range restriction map for chromosome VI. <i>FEMS Microbiology Letters</i> , 1999, 175, 231-238.	0.7	11
135	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
136	Allergen Microarrays. , 2005, 114, 195-207.		11
137	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
138	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
139	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
140	On the effects of an uncertainty on the evolution law in dynamical systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 160, 482-502.	1.2	10
141	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. <i>Pathogens and Global Health</i> , 2012, 106, 405-412.	1.0	10
142	Noise in multiple sclerosis: unwanted and necessary. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 502-511.	1.7	10
143	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
144	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

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145	Following states in temperature in the spherical $s+p$ -spin glass model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P07002.	0.9	9
146	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
147	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
148	Role of Lagrangian chaoticity on the small scale structure of passive scalars in fluids. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1990, 166, 305-324.	1.2	8
149	Effective action method for the Langevin equation. <i>Physical Review E</i> , 1995, 51, 4237-4245.	0.8	8
150	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
151	<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
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