

Elisabetta Pizzi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,132
citations

430874

18
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide identification of genes upregulated at the onset of gametocytogenesis in <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2005, 143, 100-110.	1.1	135
2	Molecular model of the specificity pocket of the hepatitis C virus protease: implications for substrate recognition.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 888-892.	7.1	123
3	Acidic microenvironment plays a key role in human melanoma progression through a sustained exosome mediated transfer of clinically relevant metastatic molecules. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 245.	8.6	104
4	Variability within the <i>Candida rugosa</i> Upases family. <i>Protein Engineering, Design and Selection</i> , 1994, 7, 531-535.	2.1	97
5	A genomic glimpse of aminoacyl-tRNA synthetases in malaria parasite <i>Plasmodium falciparum</i> . <i>BMC Genomics</i> , 2009, 10, 644.	2.8	70
6	Global proteomic analysis of the oocyst/sporozyte of <i>Toxoplasma gondii</i> reveals commitment to a host-independent lifestyle. <i>BMC Genomics</i> , 2013, 14, 183.	2.8	54
7	Low-Complexity Regions in <i>Plasmodium falciparum</i> Proteins. <i>Genome Research</i> , 2001, 11, 218-229.	5.5	50
8	Set regulation in asexual and sexual <i>Plasmodium</i> parasites reveals a novel mechanism of stage-specific expression. <i>Molecular Microbiology</i> , 2006, 60, 870-882.	2.5	42
9	<i>Plasmodium</i> lipid rafts contain proteins implicated in vesicular trafficking and signalling as well as members of the PIR superfamily, potentially implicated in host immune system interactions. <i>Proteomics</i> , 2008, 8, 2500-2513.	2.2	37
10	A gene-family encoding small exported proteins is conserved across <i>Plasmodium</i> genus. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 209-218.	1.1	33
11	Low Complexity Regions behave as tRNA sponges to help co-translational folding of plasmodial proteins. <i>FEBS Letters</i> , 2010, 584, 448-454.	2.8	32
12	Mapping epitopes on protein surfaces. <i>Biopolymers</i> , 1995, 36, 675-680.	2.4	31
13	Redesigning the substrate specificity of the hepatitis C virus NS3 protease. <i>Folding & Design</i> , 1996, 1, 35-42.	4.5	26
14	Pentamer vocabularies characterizing introns and intron-like intergenic tracts from <i>Caenorhabditis elegans</i> and <i>Drosophila melanogaster</i> . <i>Gene</i> , 2003, 304, 183-192.	2.2	26
15	Core promoters are predicted by their distinct physicochemical properties in the genome of <i>Plasmodium falciparum</i> . <i>Genome Biology</i> , 2008, 9, R178.	9.6	26
16	Detection of latent sequence periodicities. <i>Nucleic Acids Research</i> , 1990, 18, 3745-3752.	14.5	21
17	Divergence of Noncoding Sequences and of Insertions Encoding Nonglobular Domains at a Genomic Region Well Conserved in Plasmodia. <i>Journal of Molecular Evolution</i> , 2000, 50, 474-480.	1.8	21
18	Revisiting the <i>Plasmodium falciparum</i> RIFIN family: from comparative genomics to 3D-model prediction. <i>BMC Genomics</i> , 2009, 10, 445.	2.8	20

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19	Proteomic Analysis of Detergent-resistant Membrane Microdomains in Trophozoite Blood Stage of the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3948-3961.	3.8	20
20	Similarity in oligonucleotide usage in introns and intergenic regions contributes to long-range correlation in the <i>Caenorhabditis elegans</i> genome. <i>Gene</i> , 1999, 232, 87-95.	2.2	19
21	A novel series of compositionally biased substitution matrices for comparing <i>Plasmodium</i> proteins. <i>BMC Bioinformatics</i> , 2008, 9, 236.	2.6	18
22	Extensive turnover of telomeric DNA at a <i>Plasmodium berghei</i> chromosomal extremity marked by a rare recombinational event. <i>Nucleic Acids Research</i> , 1992, 20, 4491-4497.	14.5	14
23	The putative gene for the first enzyme of glutathione biosynthesis in <i>Plasmodium berghei</i> and <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 99, 33-40.	1.1	14
24	The immunological selection of recombinant peptides from <i>Cryptosporidium parvum</i> reveals 14 proteins expressed at the sporozoite stage, 7 of which are conserved in other apicomplexa. <i>Molecular and Biochemical Parasitology</i> , 2007, 152, 159-169.	1.1	14
25	An Integrated Approach to Explore Composition and Dynamics of Cholesterol-rich Membrane Microdomains in Sexual Stages of Malaria Parasite. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1801-1814.	3.8	14
26	Caveolin-1 Endows Order in Cholesterol-Rich Detergent Resistant Membranes. <i>Biomolecules</i> , 2019, 9, 287.	4.0	12
27	Homology-derived three-dimensional structure prediction of <i>Candida cylindracea</i> lipase. <i>Lipids and Lipid Metabolism</i> , 1992, 1165, 129-133.	2.6	10
28	A simple method for global sequence comparison. <i>Nucleic Acids Research</i> , 1992, 20, 131-136.	14.5	9
29	Dynamics of telomere turnover in <i>Plasmodium berghei</i> . <i>Molecular Biology Reports</i> , 1994, 20, 27-33.	2.3	7
30	Dictionary-based methods for information extraction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 342, 294-300.	2.6	6
31	A Comprehensive Gender-related Secretome of <i>Plasmodium berghei</i> Sexual Stages. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1986-1997.	3.8	6
32	Fine structure of <i>Plasmodium falciparum</i> subtelomeric sequences. <i>Molecular and Biochemical Parasitology</i> , 2001, 118, 253-258.	1.1	5
33	Phylo_dCor: distance correlation as a novel metric for phylogenetic profiling. <i>BMC Bioinformatics</i> , 2017, 18, 396.	2.6	4
34	A new parameter to study compositional properties of non-coding regions in eukaryotic genomes. <i>Gene</i> , 2006, 385, 75-82.	2.2	3
35	Functional genomics, new tools in malaria research. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2005, 41, 469-77.	0.4	3
36	A database system for handling phage library-derived sequences. <i>Gene</i> , 1993, 128, 143-144.	2.2	2

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37	Structural organization of erythrocyte membrane microdomains and their relation with malaria susceptibility. <i>Communications Biology</i> , 2021, 4, 1375.	4.4	2
38	Identification and preliminary characterization of <i>Plasmodium falciparum</i> proteins secreted upon gamete formation. <i>Scientific Reports</i> , 2022, 12, .	3.3	2