

# Manlio Di Cristina

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,286  
citations

331259

21  
h-index

288905

40  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2894  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Arabidopsis Athb-10 (GLABRA2) is an HD-Zip protein required for regulation of root hair development. <i>Plant Journal</i> , 1996, 10, 393-402.	2.8	340
2	Identification and Characterization of an Escorter for Two Secretory Adhesins in <i>Toxoplasma gondii</i> . <i>Journal of Cell Biology</i> , 2001, 152, 563-578.	2.3	191
3	Antigen Microarrays for Serodiagnosis of Infectious Diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-130.	1.5	183
4	<i>Toxoplasma gondii</i> Ingests and Digests Host Cytosolic Proteins. <i>MBio</i> , 2014, 5, e01188-14.	1.8	134
5	Fundamental Roles of the Golgi-Associated <i>Toxoplasma</i> Aspartyl Protease, ASP5, at the Host-Parasite Interface. <i>PLoS Pathogens</i> , 2015, 11, e1005211.	2.1	108
6	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
7	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
8	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
9	Temporal and Spatial Distribution of <i>Toxoplasma gondii</i> Differentiation into Bradyzoites and Tissue Cyst Formation In Vivo. <i>Infection and Immunity</i> , 2008, 76, 3491-3501.	1.0	85
10	Use of an Immunoglobulin G Avidity Assay Based on Recombinant Antigens for Diagnosis of Primary <i>Toxoplasma gondii</i> Infection during Pregnancy. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5414-5418.	1.8	75
11	<i>Toxoplasma</i> depends on lysosomal consumption of autophagosomes for persistent infection. <i>Nature Microbiology</i> , 2017, 2, 17096.	5.9	72
12	The <i>Toxoplasma gondii</i> bradyzoite antigens BAG1 and MAG1 induce early humoral and cell-mediated immune responses upon human infection. <i>Microbes and Infection</i> , 2004, 6, 164-171.	1.0	63
13	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. <i>Redox Biology</i> , 2021, 45, 102041.	3.9	58
14	Interaction of proteins with the mRNA for ribosomal protein L1 in <i>Xenopus</i> : structural characterization of in vivo complexes and identification of proteins that bind in vivo to its 5' UTR. <i>Nucleic Acids Research</i> , 1993, 21, 2301-2308.	6.5	50
15	Antigen microarrays for serodiagnosis of infectious diseases. <i>Clinical Chemistry</i> , 2002, 48, 121-30.	1.5	50
16	Use of Recombinant Antigens for Early Postnatal Diagnosis of Congenital Toxoplasmosis. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5916-5924.	1.8	48
17	Promoter Sequences of the Putative <i>Anopheles gambiae</i> Apyrase Confer Salivary Gland Expression in <i>Drosophila melanogaster</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 23861-23868.	1.6	44
18	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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19	<i>Toxoplasma gondii</i> : Bradyzoite Differentiation In Vitro and In Vivo. <i>Methods in Molecular Biology</i> , 2020, 2071, 269-282.	0.4	35
20	New and emerging uses of CRISPR/Cas9 to genetically manipulate apicomplexan parasites. <i>Parasitology</i> , 2018, 145, 1119-1126.	0.7	32
21	<i>Toxoplasma gondii</i> exploits the host ESCRT machinery for parasite uptake of host cytosolic proteins. <i>PLoS Pathogens</i> , 2021, 17, e1010138.	2.1	29
22	<i>Toxoplasma gondii</i> : DNA vaccination with bradyzoite antigens induces protective immunity in mice against oral infection with parasite cysts. <i>Experimental Parasitology</i> , 2006, 112, 274-279.	0.5	28
23	<i>Toxoplasma</i> -induced changes in host risk behaviour are independent of parasite-derived AaaH2 tyrosine hydroxylase. <i>Scientific Reports</i> , 2017, 7, 13822.	1.6	27
24	<i>Toxoplasma</i> TgATC9 is critical for autophagy and long-term persistence in tissue cysts. <i>ELife</i> , 2021, 10, .	2.8	26
25	Expression of the glycolytic enzymes enolase and lactate dehydrogenase during the early phase of <i>Toxoplasma</i> differentiation is regulated by an intron retention mechanism. <i>Molecular Microbiology</i> , 2015, 96, 1159-1175.	1.2	25
26	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
27	Disruption of plasmepsin-4 and merozoites surface protein-7 genes in <i>Plasmodium berghei</i> induces combined virulence-attenuated phenotype. <i>Scientific Reports</i> , 2011, 1, 39.	1.6	23
28	Evidence of tRNA cleavage in apicomplexan parasites: Half-tRNAs as new potential regulatory molecules of <i>Toxoplasma gondii</i> and <i>Plasmodium berghei</i> . <i>Molecular and Biochemical Parasitology</i> , 2013, 188, 99-108.	0.5	22
29	An ortholog of <i>Plasmodium falciparum</i> chloroquine resistance transporter (PfCRT) plays a key role in maintaining the integrity of the endolysosomal system in <i>Toxoplasma gondii</i> to facilitate host invasion. <i>PLoS Pathogens</i> , 2019, 15, e1007775.	2.1	20
30	Role of <i>Toxoplasma gondii</i> Chloroquine Resistance Transporter in Bradyzoite Viability and Digestive Vacuole Maintenance. <i>MBio</i> , 2019, 10, .	1.8	19
31	Alternative splicing mechanisms orchestrating post-transcriptional gene expression: intron retention and the intron-rich genome of apicomplexan parasites. <i>Current Genetics</i> , 2016, 62, 31-38.	0.8	17
32	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
33	<i>Toxoplasma</i> Cathepsin Protease B and Aspartyl Protease 1 Are Dispensable for Endolysosomal Protein Digestion. <i>MSphere</i> , 2020, 5, .	1.3	14
34	PCR Screening of <i>Toxoplasma gondii</i> Single Clones Directly from 96-Well Plates Without DNA Purification. <i>Methods in Molecular Biology</i> , 2020, 2071, 117-123.	0.4	13
35	<i>Xenopus laevis</i> ribosomal protein S1a cDNA sequence. <i>Nucleic Acids Research</i> , 1991, 19, 1943-1943.	6.5	12
36	A novel approach for identification of tumor-associated antigens expressed on the surface of tumor cells. <i>International Journal of Cancer</i> , 2007, 120, 1293-1303.	2.3	12

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37	An antigen microarray immunoassay for multiplex screening of mouse monoclonal antibodies. <i>Nature Protocols</i> , 2010, 5, 1932-1944.	5.5	12
38	An Uninvited Seat at the Dinner Table: How Apicomplexan Parasites Scavenge Nutrients from the Host. <i>Microorganisms</i> , 2021, 9, 2592.	1.6	8
39	Homeodomain-Leucine Zipper Proteins in the Control of Plant Growth and Development. , 1998, , 251-262.		6
40	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	6
41	Functional Characterization of the Thrombospondin-Related Paralogous Proteins Rhoptry Discharge Factors 1 and 2 Unveils Phenotypic Plasticity in <i>Toxoplasma gondii</i> Rhoptry Exocytosis. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
42	Methods to Discriminate the Distribution of Acidic Glycohydrolases Between the Endosomal/Lysosomal Systems and the Plasma Membrane. <i>Methods in Enzymology</i> , 2014, 534, 25-45.	0.4	4