Manlio Di Cristina

List of Publications by Year
in descending order

42 papers	2,286 citations	331670 21 h-index	289244 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. Plant Journal, 1996, 10, 393-402.	5.7	340
2	Identification and Characterization of an Escorter for Two Secretory Adhesins in Toxoplasma gondii. Journal of Cell Biology, 2001, 152, 563-578.	5.2	191
3	Antigen Microarrays for Serodiagnosis of Infectious Diseases. Clinical Chemistry, 2002, 48, 121-130.	3.2	183
4	Toxoplasma gondii Ingests and Digests Host Cytosolic Proteins. MBio, 2014, 5, e01188-14.	4.1	134
5	Fundamental Roles of the Golgi-Associated Toxoplasma Aspartyl Protease, ASP5, at the Host-Parasite Interface. PLoS Pathogens, 2015, 11, e1005211.	4.7	108
6	Plasmepsin 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
7	Intramembrane cleavage of microneme proteins at the surface of the apicomplexan parasite Toxoplasma gondii. EMBO Journal, 2002, 21, 1577-1585.	7.8	104
8	Two Conserved Amino Acid Motifs Mediate Protein Targeting to the Micronemes of the Apicomplexan Parasite Toxoplasma gondii. Molecular and Cellular Biology, 2000, 20, 7332-7341.	2.3	91
9	Temporal and Spatial Distribution of Toxoplasma gondii Differentiation into Bradyzoites and Tissue Cyst Formation In Vivo. Infection and Immunity, 2008, 76, 3491-3501.	2.2	85
10	Use of an Immunoglobulin G Avidity Assay Based on Recombinant Antigens for Diagnosis of Primary Toxoplasma gondii Infection during Pregnancy. Journal of Clinical Microbiology, 2003, 41, 5414-5418.	3.9	75
11	Toxoplasma depends on lysosomal consumption of autophagosomes for persistent infection. Nature Microbiology, 2017, 2, 17096.	13.3	72
12	The Toxoplasma gondii bradyzoite antigens BAG1 and MAG1 induce early humoral and cell-mediated immune responses upon human infection. Microbes and Infection, 2004, 6, 164-171.	1.9	63
13	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. Redox Biology, 2021, 45, 102041.	9.0	58
14	Interaction of proteins with the mRNA for ribosomal protein L1 inXenopus: structural characterization ofin vivocomplexes and identification of proteins that bindin vivoto its 5â€™UTR. Nucleic Acids Research, 1993, 21, 2301-2308.	14.5	50
15	Antigen microarrays for serodiagnosis of infectious diseases. Clinical Chemistry, 2002, 48, 121-30.	3.2	50
16	Use of Recombinant Antigens for Early Postnatal Diagnosis of Congenital Toxoplasmosis. Journal of Clinical Microbiology, 2005, 43, 5916-5924.	3.9	48
17	Promoter Sequences of the Putative Anopheles gambiae Apyrase Confer Salivary Gland Expression in Drosophila melanogaster. Journal of Biological Chemistry, 2000, 275, 23861-23868.	3.4	44
18	The germline of the malaria mosquito produces abundant miRNAs, endo-siRNAs, piRNAs and 29-nt small RNAs. BMC Genomics, 2015, 16, 100.	2.8	44

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19	Toxoplasma gondii: Bradyzoite Differentiation In Vitro and In Vivo. Methods in Molecular Biology, 2020, 2071, 269-282.	0.9	35
20	New and emerging uses of CRISPR/Cas9 to genetically manipulate apicomplexan parasites. Parasitology, 2018, 145, 1119-1126.	1.5	32
21	Toxoplasma gondii exploits the host ESCRT machinery for parasite uptake of host cytosolic proteins. PLoS Pathogens, 2021, 17, e1010138.	4.7	29
22	Toxoplasma gondii: DNA vaccination with bradyzoite antigens induces protective immunity in mice against oral infection with parasite cysts. Experimental Parasitology, 2006, 112, 274-279.	1.2	28
23	Toxoplasma-induced changes in host risk behaviour are independent of parasite-derived AaaH2 tyrosine hydroxylase. Scientific Reports, 2017, 7, 13822.	3.3	27
24	Toxoplasma TgATG9 is critical for autophagy and long-term persistence in tissue cysts. ELife, 2021, 10, .	6.0	26
25	Expression of the glycolytic enzymes enolase and lactate dehydrogenase during the early phase of <scp>T</scp>oxoplasma differentiation is regulated by an intron retention mechanism. Molecular Microbiology, 2015, 96, 1159-1175.	2.5	25
26	TransformedToxoplasma gondiiTachyzoites Expressing the Circumsporozoite Protein ofPlasmodium knowlesiElicit a Specific Immune Response in Rhesus Monkeys. Infection and Immunity, 1999, 67, 1677-1682.	2.2	24
27	Disruption of plasmepsin-4 and merozoites surface protein-7 genes in Plasmodium berghei induces combined virulence-attenuated phenotype. Scientific Reports, 2011, 1, 39.	3.3	23
28	Evidence of tRNA cleavage in apicomplexan parasites: Half-tRNAs as new potential regulatory molecules of Toxoplasma gondii and Plasmodium berghei. Molecular and Biochemical Parasitology, 2013, 188, 99-108.	1.1	22
29	An ortholog of Plasmodium falciparum chloroquine resistance transporter (PfCRT) plays a key role in maintaining the integrity of the endolysosomal system in Toxoplasma gondii to facilitate host invasion. PLoS Pathogens, 2019, 15, e1007775.	4.7	20
30	Role of Toxoplasma gondii Chloroquine Resistance Transporter in Bradyzoite Viability and Digestive Vacuole Maintenance. MBio, 2019, 10, .	4.1	19
31	Alternative splicing mechanisms orchestrating post-transcriptional gene expression: intron retention and the intron-rich genome of apicomplexan parasites. Current Genetics, 2016, 62, 31-38.	1.7	17
32	The SAG5 locus of Toxoplasma gondii encodes three novel proteins belonging to the SAG1 family of surface antigens. International Journal for Parasitology, 2002, 32, 121-131.	3.1	14
33	Toxoplasma Cathepsin Protease B and Aspartyl Protease 1 Are Dispensable for Endolysosomal Protein Digestion. MSphere, 2020, 5, .	2.9	14
34	PCR Screening of Toxoplasma gondii Single Clones Directly from 96-Well Plates Without DNA Purification. Methods in Molecular Biology, 2020, 2071, 117-123.	0.9	13
35	Xenopus laevisribosomal protein S1a cDNA sequence. Nucleic Acids Research, 1991, 19, 1943-1943.	14.5	12
36	A novel approach for identification of tumorâ€associated antigens expressed on the surface of tumor cells. International Journal of Cancer, 2007, 120, 1293-1303.	5.1	12

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37	An antigen microarray immunoassay for multiplex screening of mouse monoclonal antibodies. Nature Protocols, 2010, 5, 1932-1944.	12.0	12
38	An Uninvited Seat at the Dinner Table: How Apicomplexan Parasites Scavenge Nutrients from the Host. Microorganisms, 2021, 9, 2592.	3.6	8
39	Homeodomain-Leucine Zipper Proteins in the Control of Plant Growth and Development. , 1998, , 251-262.		6
40	Transformed Toxoplasma gondiiTachyzoites Expressing the Circumsporozoite Protein ofPlasmodium knowlesi Elicit a Specific Immune Response in Rhesus Monkeys. Infection and Immunity, 1999, 67, 1677-1682.	2.2	6
41	Functional Characterization of the Thrombospondin-Related Paralogous Proteins Rhoptry Discharge Factors 1 and 2 Unveils Phenotypic Plasticity in Toxoplasma gondii Rhoptry Exocytosis. Frontiers in Microbiology, 0, 13, .	3.5	6
42	Methods to Discriminate the Distribution of Acidic Glycohydrolases Between the Endosomalâ€“Lysosomal Systems and the Plasma Membrane. Methods in Enzymology, 2014, 534, 25-45.	1.0	4