

# Mara Luisa Gil

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7333603/maria-luisa-gil-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70  
papers

2,368  
citations

27  
h-index

47  
g-index

70  
ext. papers

2,614  
ext. citations

5.6  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
70	The cell wall-associated glyceraldehyde-3-phosphate dehydrogenase of <i>Candida albicans</i> is also a fibronectin and laminin binding protein. <i>Infection and Immunity</i> , <b>1998</b> , 66, 2052-9	3.7	175
69	Toll-like receptor-2 is essential in murine defenses against <i>Candida albicans</i> infections. <i>Microbes and Infection</i> , <b>2004</b> , 6, 1-7	9.3	164
68	The glycolytic enzyme glyceraldehyde-3-phosphate dehydrogenase of <i>Candida albicans</i> is a surface antigen. <i>Journal of Bacteriology</i> , <b>1997</b> , 179, 4992-9	3.5	134
67	Serologic response to cell wall mannoproteins and proteins of <i>Candida albicans</i> . <i>Clinical Microbiology Reviews</i> , <b>1998</b> , 11, 121-41	34	133
66	Identification of wall-specific antigens synthesized during germ tube formation by <i>Candida albicans</i> . <i>Infection and Immunity</i> , <b>1989</b> , 57, 262-71	3.7	119
65	The glyceraldehyde-3-phosphate dehydrogenase polypeptides encoded by the <i>Saccharomyces cerevisiae</i> TDH1, TDH2 and TDH3 genes are also cell wall proteins. <i>Microbiology (United Kingdom)</i> , <b>2001</b> , 147, 411-417	2.9	101
64	Direct Toll-like receptor-mediated stimulation of hematopoietic stem and progenitor cells occurs in vivo and promotes differentiation toward macrophages. <i>Stem Cells</i> , <b>2012</b> , 30, 1486-95	5.8	84
63	Binding of human fibronectin to <i>Aspergillus fumigatus</i> conidia. <i>Infection and Immunity</i> , <b>1996</b> , 64, 1146-53.	3.7	69
62	TLR2, but not TLR4, triggers cytokine production by murine cells in response to <i>Candida albicans</i> yeasts and hyphae. <i>Microbes and Infection</i> , <b>2006</b> , 8, 2299-304	9.3	64
61	Binding of extracellular matrix proteins to <i>Aspergillus fumigatus</i> conidia. <i>Infection and Immunity</i> , <b>1996</b> , 64, 5239-47	3.7	63
60	Myeloid differentiation factor 88 (MyD88) is required for murine resistance to <i>Candida albicans</i> and is critically involved in <i>Candida</i> -induced production of cytokines. <i>European Cytokine Network</i> , <b>2004</b> , 15, 263-71	3.3	55
59	Detection of a TLR2 agonist by hematopoietic stem and progenitor cells impacts the function of the macrophages they produce. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2114-25	6.1	54
58	TLRs control hematopoiesis during infection. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2526-33	6.1	51
57	<i>Candida albicans</i> triggers proliferation and differentiation of hematopoietic stem and progenitor cells by a MyD88-dependent signaling. <i>Microbes and Infection</i> , <b>2009</b> , 11, 531-5	9.3	46
56	Toll-like receptor 2 is dispensable for acquired host immune resistance to <i>Candida albicans</i> in a murine model of disseminated candidiasis. <i>Microbes and Infection</i> , <b>2004</b> , 6, 542-8	9.3	45
55	Influence of aging on murine neutrophil and macrophage function against <i>Candida albicans</i> . <i>FEMS Immunology and Medical Microbiology</i> , <b>2008</b> , 53, 214-21		43
54	<i>Candida albicans</i> induces selective development of macrophages and monocyte derived dendritic cells by a TLR2 dependent signalling. <i>PLoS ONE</i> , <b>2011</b> , 6, e24761	3.7	42

53	Signalling through TLR2/MyD88 induces differentiation of murine bone marrow stem and progenitor cells to functional phagocytes in response to <i>Candida albicans</i> . <i>Cellular Microbiology</i> , <b>2010</b> , 12, 114-28	3.9	42
52	Inhibition of the dimorphic transition of <i>Candida albicans</i> by the ornithine decarboxylase inhibitor 1,4-diaminobutanone: alterations in the glycoprotein composition of the cell wall. <i>Journal of General Microbiology</i> , <b>1990</b> , 136, 1937-43		40
51	<i>Candida</i> and candidiasis: the cell wall as a potential molecular target for antifungal therapy. <i>Current Drug Targets Infectious Disorders</i> , <b>2004</b> , 4, 117-35		39
50	Changes in the cell wall glycoprotein composition of <i>Candida albicans</i> associated to the inhibition of germ tube formation by EDTA. <i>Archives of Microbiology</i> , <b>1994</b> , 161, 489-94	3	39
49	Role of Toll-like receptors in systemic <i>Candida albicans</i> infections. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 570-82	2.8	38
48	Toll-like receptor 4 defective mice carrying point or null mutations do not show increased susceptibility to <i>Candida albicans</i> in a model of hematogenously disseminated infection. <i>Medical Mycology</i> , <b>2006</b> , 44, 149-57	3.9	36
47	Further characterization of CD82/IA4 antigen (type III surface protein): an activation/differentiation marker of mononuclear cells. <i>Cellular Immunology</i> , <b>1994</b> , 154, 468-83	4.4	32
46	Target lysis by human LAK cells is critically dependent upon target binding properties, but LFA-1, LFA-3 and ICAM-1 are not the major adhesion ligands on targets. <i>International Journal of Cancer</i> , <b>1991</b> , 47, 473-9	7.5	32
45	Role of IFN-gamma in immune responses to <i>Candida albicans</i> infections. <i>Frontiers in Bioscience - Landmark</i> , <b>2014</b> , 19, 1279-90	2.8	31
44	Impaired immune response to <i>Candida albicans</i> in aged mice. <i>Journal of Medical Microbiology</i> , <b>2006</b> , 55, 1649-1656	3.2	31
43	Dectin-1 mediates in vitro phagocytosis of <i>Candida albicans</i> yeast cells by retinal microglia. <i>FEMS Immunology and Medical Microbiology</i> , <b>2011</b> , 63, 148-50		27
42	Killed <i>Candida albicans</i> yeasts and hyphae inhibit gamma interferon release by murine natural killer cells. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1403-6	3.7	27
41	Both viable and killed <i>Candida albicans</i> cells induce in vitro production of TNF-alpha and IFN-gamma in murine cells through a TLR2-dependent signalling. <i>European Cytokine Network</i> , <b>2007</b> , 18, 38-43	3.3	27
40	Wall mannoproteins in cells from colonial phenotypic variants of <i>Candida albicans</i> . <i>Journal of General Microbiology</i> , <b>1990</b> , 136, 2421-32		26
39	<i>Candida albicans</i> TDH3 gene promotes secretion of internal invertase when expressed in <i>Saccharomyces cerevisiae</i> as a glyceraldehyde-3-phosphate dehydrogenase-invertase fusion protein. <i>Yeast</i> , <b>2003</b> , 20, 713-22	3.4	25
38	Clinical strains of <i>Candida albicans</i> express the surface antigen glyceraldehyde 3-phosphate dehydrogenase in vitro and in infected tissues. <i>FEMS Immunology and Medical Microbiology</i> , <b>1999</b> , 23, 229-34		24
37	Antigenic cell wall mannoproteins in <i>Candida albicans</i> isolates and in other <i>Candida</i> species. <i>Journal of General Microbiology</i> , <b>1991</b> , 137, 1053-61		24
36	Cell wall protein and glycoprotein constituents of <i>Aspergillus fumigatus</i> that bind to polystyrene may be responsible for the cell surface hydrophobicity of the mycelium. <i>Microbiology (United Kingdom)</i> , <b>1996</b> , 142 ( Pt 7), 1597-604	2.9	22

35	Retinal microglia are activated by systemic fungal infection <b>2014</b> , 55, 3578-85		21
34	Toll-like receptor 2 mediates prostaglandin E(2) production in murine peritoneal macrophages and splenocytes in response to <i>Candida albicans</i> . <i>Research in Microbiology</i> , <b>2005</b> , 156, 115-8	4	21
33	Immunochemical detection of protein adducts in cultured human hepatocytes exposed to diclofenac. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>1995</b> , 1272, 140-6	6.9	20
32	IFN-gamma in <i>Candida albicans</i> infections. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 1970-8	2.8	19
31	Starvation and temperature upshift cause an increase in the enzymatically active cell wall-associated glyceraldehyde-3-phosphate dehydrogenase protein in yeast. <i>FEMS Yeast Research</i> , <b>2003</b> , 4, 297-303	3.1	19
30	TLR2, TLR4 and Dectin-1 signalling in hematopoietic stem and progenitor cells determines the antifungal phenotype of the macrophages they produce. <i>Microbes and Infection</i> , <b>2016</b> , 18, 354-63	9.3	18
29	<i>Candida albicans</i> stimulates in vivo differentiation of haematopoietic stem and progenitor cells towards macrophages by a TLR2-dependent signalling. <i>Cellular Microbiology</i> , <b>2013</b> , 15, 1143-53	3.9	16
28	Role of Toll-like receptors in systemic <i>Candida albicans</i> infections. <i>Frontiers in Bioscience - Landmark</i> , <b>2016</b> , 21, 278-302	2.8	16
27	In Vivo and In Vitro Studies on Virulence and Host Responses to <i>Saccharomyces cerevisiae</i> Clinical and Non-Clinical Isolates. <i>The Open Mycology Journal</i> , <b>2009</b> , 3, 37-47		15
26	In vitro response to <i>Candida albicans</i> in cultures of whole human blood from young and aged donors. <i>FEMS Immunology and Medical Microbiology</i> , <b>2007</b> , 51, 327-35		14
25	TLR2: for or against <i>Candida albicans</i> ?. <i>Trends in Microbiology</i> , <b>2005</b> , 13, 298-9; discussion 299-301	12.4	14
24	Systemic Candidiasis and TLR2 Agonist Exposure Impact the Antifungal Response of Hematopoietic Stem and Progenitor Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 309	5.9	14
23	Dectin-1 Stimulation of Hematopoietic Stem and Progenitor Cells Occurs and Promotes Differentiation Toward Trained Macrophages via an Indirect Cell-Autonomous Mechanism. <i>MBio</i> , <b>2020</b> , 11,	7.8	13
22	MyD88 is dispensable for resistance to <i>Paracoccidioides brasiliensis</i> in a murine model of blood-borne disseminated infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2008</b> , 54, 365-74		13
21	Molecular cloning and characterization of the <i>Candida albicans</i> UBI3 gene coding for a ubiquitin-hybrid protein. <i>Yeast</i> , <b>2000</b> , 16, 1413-9	3.4	13
20	TLR2 and Dectin-1 Signaling in Mouse Hematopoietic Stem and Progenitor Cells Impacts the Ability of the Antigen Presenting Cells They Produce to Activate CD4 T Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	12
19	Imiquimod inhibits growth and induces differentiation of myeloid leukemia cell lines. <i>Cancer Cell International</i> , <b>2018</b> , 18, 15	6.4	11
18	About the role of TLR2 and TLR4 in cytokine secretion by murine macrophages in response to <i>Candida albicans</i> . <i>FEMS Immunology and Medical Microbiology</i> , <b>2006</b> , 46, 1-2		9

17	Evaluation of the usefulness of anti-glyceraldehyde-3-phosphate dehydrogenase antibodies as a treatment for invasive candidiasis in a murine model. <i>Antonie Van Leeuwenhoek</i> , <b>2006</b> , 89, 345-50	2.1	9
16	Glyceraldehyde-3-phosphate dehydrogenase, a glycolytic enzyme present in the periplasm of <i>Aeromonas hydrophila</i> . <i>Antonie Van Leeuwenhoek</i> , <b>2003</b> , 84, 31-8	2.1	9
15	Common and form-specific cell wall antigens of <i>Candida albicans</i> as released by chemical and enzymatic treatments. <i>Mycopathologia</i> , <b>1996</b> , 134, 13-20	2.9	8
14	TLR2 modulates gut colonization and dissemination of <i>Candida albicans</i> in a murine model. <i>Microbes and Infection</i> , <b>2016</b> , 18, 656-660	9.3	7
13	The <i>Candida albicans</i> cell wall-associated glyceraldehyde-3-phosphate dehydrogenase activity increases in response to starvation and temperature upshift. <i>Medical Mycology</i> , <b>2001</b> , 39, 387-94	3.9	7
12	High vancomycin MICs within the susceptible range in <i>Staphylococcus aureus</i> bacteraemia isolates are associated with increased cell wall thickness and reduced intracellular killing by human phagocytes. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 47, 343-50	14.3	7
11	PRR signaling during in vitro macrophage differentiation from progenitors modulates their subsequent response to inflammatory stimuli. <i>European Cytokine Network</i> , <b>2017</b> , 28, 102-110	3.3	6
10	Characterization of a new murine retinal cell line (MU-PH1) with glial, progenitor and photoreceptor characteristics. <i>Experimental Eye Research</i> , <b>2013</b> , 110, 125-35	3.7	6
9	Enhanced proinflammatory response to the <i>Candida albicans</i> gpi7 null mutant by murine cells. <i>Microbes and Infection</i> , <b>2008</b> , 10, 382-9	9.3	5
8	Immunosuppression, peripheral inflammation and invasive infection from endogenous gut microbiota activate retinal microglia in mouse models. <i>Microbiology and Immunology</i> , <b>2016</b> , 60, 617-25	2.7	5
7	<i>Candida albicans</i> : to be or not to be recognized by TLR4? Response to Both TLR2 and TLR4 are involved in the recognition of <i>Candida albicans</i> by M.G. Netea et al., <i>Microbes and Infection</i> 8 (2006) 2821-2822. <i>Microbes and Infection</i> , <b>2006</b> , 8, 2823-2824	9.3	4
6	Extracellular Vesicles Do Not Mediate the Anti-Inflammatory Actions of Mouse-Derived Adipose Tissue Mesenchymal Stem Cells Secretome. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
5	LAAE-14, a new anti-inflammatory drug, increases the survival of <i>Candida albicans</i> -inoculated mice. <i>FEMS Immunology and Medical Microbiology</i> , <b>2004</b> , 40, 239-42		3
4	PamCSK, a TLR2 ligand, induces differentiation of glioblastoma stem cells and confers susceptibility to temozolomide. <i>Investigational New Drugs</i> , <b>2020</b> , 38, 299-310	4.3	3
3	In vitro differentiation of murine hematopoietic progenitor cells toward the myeloid lineage occurs in response to <i>Staphylococcus aureus</i> and yeast species. <i>Microbial Pathogenesis</i> , <b>2014</b> , 69-70, 9-12	3.8	2
2	GM-CSF Programs Hematopoietic Stem and Progenitor Cells During Vaccination for Protection Against Reinfection.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 790309	8.4	1
1	Immune Response to <i>Candida albicans</i> Infection <b>2021</b> , 556-575		0