thierry Jouault

List of Publications by Year
in descending order

64 papers	3,429 citations	136950 32 h-index	138484 58 g-index
68 all docs	68 docs citations	68 times ranked	3198 citing authors

#	Article	IF	Citations
1	Candida albicansPhospholipomannan Is Sensed through Tollâ€Like Receptors. Journal of Infectious Diseases, 2003, 188, 165-172.	4.0	281
2	Specific Recognition of <i>Candida albicans</i> by Macrophages Requires Galectin-3 to Discriminate <i>Saccharomyces cerevisiae</i> and Needs Association with TLR2 for Signaling. Journal of Immunology, 2006, 177, 4679-4687.	0.8	214
3	Candida albicans Is an Immunogen for Antiâ€“Saccharomyces cerevisiae Antibody Markers of Crohnâ€™s Disease. Gastroenterology, 2006, 130, 1764-1775.	1.3	185
4	Candida albicans Colonization and ASCA in Familial Crohn's Disease. American Journal of Gastroenterology, 2009, 104, 1745-1753.	0.4	172
5	Colonization of Mice by<i>Candida albicans</i>Is Promoted by Chemically Induced Colitis and Augments Inflammatory Responses through Galectinâ€3. Journal of Infectious Diseases, 2008, 197, 972-980.	4.0	161
6	Functional study of a monoclonal antibody to IgE Fc receptor (Fc epsilon R2) of eosinophils, platelets, and macrophages.. Journal of Experimental Medicine, 1986, 164, 72-89.	8.5	155
7	Î²-1,2-Linked Oligomannosides from<i>Candida albicans</i>Bind to a 32-Kilodalton Macrophage Membrane Protein Homologous to the Mammalian Lectin Galectin-3. Infection and Immunity, 2000, 68, 4391-4398.	2.2	141
8	Candida albicans cell wall glycans, host receptors and responses: elements for a decisive crosstalk. Current Opinion in Microbiology, 2004, 7, 342-349.	5.1	130
9	Galectin-3 Modulates Immune and Inflammatory Responses during Helminthic Infection: Impact of Galectin-3 Deficiency on the Functions of Dendritic Cells. Infection and Immunity, 2007, 75, 5148-5157.	2.2	98
10	Candida albicans Phospholipomannan, a New Member of the Fungal Mannose Inositol Phosphoceramide Family. Journal of Biological Chemistry, 2002, 277, 37260-37271.	3.4	80
11	Secukinumab failure in Crohn's disease: the yeast connection?. Gut, 2013, 62, 800.2-801.	12.1	77
12	Complete glycosylphosphatidylinositol anchors are required in Candida albicans for full morphogenesis, virulence and resistance to macrophages. Molecular Microbiology, 2002, 44, 841-853.	2.5	76
13	Î²-1,2-linked oligomannosides Inhibit <i>Candida albicans</i> binding to murine macrophage. Journal of Leukocyte Biology, 1996, 60, 81-87.	3.3	75
14	Î²-1,2- and Î±-1,2-LinkedOligomannosides Mediate Adherence of Candida albicans Blastospores to Human Enterocytes InVitro. Infection and Immunity, 2003, 71, 7061-7068.	2.2	74
15	Host responses to a versatile commensal: PAMPs and PRRs interplay leading to tolerance or infection by<i>Candida albicans</i>. Cellular Microbiology, 2009, 11, 1007-1015.	2.1	73
16	Candida albicans Phospholipomannan Promotes Survival of Phagocytosed Yeasts through Modulation of Bad Phosphorylation and Macrophage Apoptosis. Journal of Biological Chemistry, 2003, 278, 13086-13093.	3.4	70
17	HIV infection of monocytic cells. Aids, 1989, 3, 125-134.	2.2	68
18	Increased Sensitivity of Mannanemia Detection Tests by Joint Detection of Î±- and Î²-Linked Oligomannosides during Experimental and Human Systemic Candidiasis. Journal of Clinical Microbiology, 2004, 42, 164-171.	3.9	62

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19	Detection of anti-CD4 autoantibodies in the sera of HIV-infected patients using recombinant soluble CD4 molecules. Aids, 1988, 2, 353-362.	2.2	61
20	Inactivation of CaMIT1 Inhibits Candida albicans Phospholipomannan Î²-Mannosylation, Reduces Virulence, and Alters Cell Wall Protein Î²-Mannosylation. Journal of Biological Chemistry, 2004, 279, 47952-47960.	3.4	61
21	Synthetic Analogues of Î²-1,2 Oligomannosides Prevent Intestinal Colonization by the Pathogenic Yeast Candida albicans. Antimicrobial Agents and Chemotherapy, 2002, 46, 3869-3876.	3.2	58
22	Role of mannose-binding lectin in intestinal homeostasis and fungal elimination. Mucosal Immunology, 2016, 9, 767-776.	6.0	53
23	Early Signal Transduction Induced byCandida albicansin Macrophages through Shedding of a Glycolipid. Journal of Infectious Diseases, 1998, 178, 792-802.	4.0	52
24	Systematic gene overexpression in<i>Candida albicans</i>identifies a regulator of early adaptation to the mammalian gut. Cellular Microbiology, 2018, 20, e12890.	2.1	50
25	Lectinâ€"Carbohydrate Interactions and Infectivity of Human Immunodeficiency Virus Type 1 (HIV-1). AIDS Research and Human Retroviruses, 1992, 8, 27-37.	1.1	46
26	Anti-Saccharomyces cerevisiae antibodies in twins with inflammatory bowel disease. Gut, 2005, 54, 1237-1243.	12.1	46
27	The Candida albicans Phospholipomannan Is a Family of Glycolipids Presenting Phosphoinositolmannosides with Long Linear Chains of Î²-1,2-Linked Mannose Residues. Journal of Biological Chemistry, 1999, 274, 30520-30526.	3.4	44
28	Role of trehalose in resistance to macrophage killing: study with a tps1/tps1 trehalose-deficient mutant of Candida albicans. Clinical Microbiology and Infection, 2007, 13, 384-394.	6.0	44
29	Yeasts: Neglected Pathogens. Digestive Diseases, 2009, 27, 104-110.	1.9	44
30	An immunological link between<i>Candida albicans</i>colonization and Crohnâ€™s disease. Critical Reviews in Microbiology, 2015, 41, 135-139.	6.1	42
31	Role of TLR1, TLR2 and TLR6 in the modulation of intestinal inflammation and Candida albicans elimination. Gut Pathogens, 2017, 9, 9.	3.4	41
32	Contribution of Phospholipomannan to the Surface Expression of Î²-1,2-Oligomannosides in Candida albicans and Its Presence in Cell Wall Extracts. Infection and Immunity, 2002, 70, 4323-4328.	2.2	36
33	Lessons from the inflammasome: a molecular sentry linking Candida and Crohn's disease. Trends in Immunology, 2010, 31, 171-175.	6.8	34
34	Definitive chemical evidence for the constitutive ability ofCandida albicansserotype A strains to synthesize Î²-1,2 linked oligomannosides containing up to 14 mannose residues. FEBS Letters, 1997, 416, 203-206.	2.8	30
35	Quantitative and qualitative analysis of the Fc receptor for IgE (FcÉ›RII) on human eosinophils. European Journal of Immunology, 1988, 18, 237-241.	2.9	29
36	Humoral Immunity Links Candida albicans Infection and Celiac Disease. PLoS ONE, 2015, 10, e0121776.	2.5	29

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37	<i>Candida albicans</i>-Derived Î²-1,2-Linked Mannooligosaccharides Induce Desensitization of Macrophages. Infection and Immunity, 2000, 68, 965-968.	2.2	27
38	Comparative analysis of cell wall surface glycan expression in Candida albicans and Saccharomyces cerevisiae yeasts by flow cytometry. Journal of Immunological Methods, 2006, 314, 90-102.	1.4	26
39	The Cek1â€'mediated MAP kinase pathway regulates exposure of Î±â€'1,2 and Î²â€'1,2â€'mannosides in the cell wall of<i>Candida albicans</i>modulating immune recognition. Virulence, 2016, 7, 558-577.	4.4	26
40	Members 5 and 6 of the Candida albicans BMT family encode enzymes acting specifically on Â-mannosylation of the phospholipomannan cell-wall glycosphingolipid. Glycobiology, 2012, 22, 1332-1342.	2.5	25
41	Mapping of Â-1,2-linked oligomannosidic epitopes among glycoconjugates of Candida species. Microbiology (United Kingdom), 1995, 141, 2693-2697.	1.8	22
42	Variants of NOD1 and NOD2 genes display opposite associations with familial risk of crohnÊ¼s disease and anti-saccharomyces cerevisiae antibody levels. Inflammatory Bowel Diseases, 2012, 18, 430-438.	1.9	20
43	Î²-1,2-Mannosylation of Candida albicans Mannoproteins and Glycolipids Differs with Growth Temperature and Serotype. Infection and Immunity, 2002, 70, 5274-5278.	2.2	19
44	Single-molecule analysis of the major glycopolymers of pathogenic and non-pathogenic yeast cells. Nanoscale, 2013, 5, 4855.	5.6	19
45	Role of Phospholipomannan in <i>Candida albicans</i> Escape from Macrophages and Induction of Cell Apoptosis through Regulation of Bad Phosphorylation. Annals of the New York Academy of Sciences, 2003, 1010, 573-576.	3.8	18
46	Î²-1,2-Mannosyltransferases 1 and 3 Participate in Yeast and Hyphae O- and N-Linked Mannosylation and Alter Candida albicans Fitness During Infection. Open Forum Infectious Diseases, 2015, 2, ofv116.	0.9	18
47	Evidence for different mannosylation processes involved in the association of Â-1,2-linked oligomannosidic epitopes in Candida albicans mannan and phospholipomannan. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	17
48	Peptides that mimic Candida albicans-derived Â-1,2-linked mannosides. Glycobiology, 2001, 11, 693-701.	2.5	17
49	Glycoconjugate expression on the cell wall of tps1/tps1 trehalose-deficient Candida albicans strain and implications for its interaction with macrophages. Glycobiology, 2011, 21, 796-805.	2.5	16
50	Deficient Beta-Mannosylation of Candida albicans Phospholipomannan Affects the Proinflammatory Response in Macrophages. PLoS ONE, 2013, 8, e84771.	2.5	16
51	Mannose-Binding Lectin Levels and Variation During Invasive Candidiasis. Journal of Clinical Immunology, 2012, 32, 1317-1323.	3.8	15
52	Candida albicans phospholipomannan: a sweet spot for controlling host response/inflammation. Seminars in Immunopathology, 2015, 37, 123-130.	6.1	14
53	Citrulline and Monocyte-Derived Macrophage Reactivity before Conditioning Predict Acute Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2017, 23, 913-921.	2.0	13
54	XIV. Response toPneumocystisinfection in an immunocompetent host. FEMS Immunology and Medical Microbiology, 1998, 22, 107-121.	2.7	12

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55	Candida albicansserotype B strains synthesize a serotype-specific phospholipomannan overexpressing a Î²-1,2-linked mannotriose. Molecular Microbiology, 2005, 58, 984-998.	2.5	12
56	The CARD8 p.C10X mutation associates with a low anti-glycans antibody response in patients with Crohnâ€™s disease. BMC Medical Genetics, 2013, 14, 35.	2.1	12
57	Infection of monocytic cells by HIV1: combined role of FcR and CD4. Research in Virology, 1991, 142, 183-188.	0.7	11
58	Detection of Cytokine mRNA in the Lung during the Spontaneous Pneumocystis carinii Pneumonia of the Young Rabbit. Journal of Eukaryotic Microbiology, 1997, 44, 45s-45s.	1.7	10
59	Role of Alveolar Macrophages during the Spontaneous Pneumocystis carinii Pneumonia of Rabbit at Weaning. Journal of Eukaryotic Microbiology, 1996, 43, 23S-23S.	1.7	9
60	In vitropro- and anti-inflammatory responses to viableCandida albicansyeasts by a murine macrophage cell line. Medical Mycology, 2010, 48, 912-921.	0.7	7
61	A Method for Examining Glycans Surface Expression of Yeasts by Flow Cytometry. Methods in Molecular Biology, 2009, 470, 85-94.	0.9	6
62	Characterization of the recognition of Candida species by mannose-binding lectin using surface plasmon resonance. Analyst, The, 2013, 138, 2477.	3.5	4
63	Initiation of phospholipomannan Î²-1,2 mannosylation involves Bmts with redundant activity, influences its cell wall location and regulates Î²-glucans homeostasis but is dispensable for Candida albicans systemic infection. Biochimie, 2016, 120, 96-104.	2.6	3
64	Modulation of the Host Response to Control Invasive Fungal Infections. , 2015, , 237-266.		1