

Bart Jan Kullberg

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336
papers

35,498
citations

89
h-index

181
g-index

345
ext. papers

40,498
ext. citations

8.3
avg, IF

6.84
L-index

#	Paper	IF	Citations
336	Revised definitions of invasive fungal disease from the European Organization for Research and Treatment of Cancer/Invasive Fungal Infections Cooperative Group and the National Institute of Allergy and Infectious Diseases Mycoses Study Group (EORTC/MSG) Consensus Group. <i>Clinical Infectious Diseases</i> , 2008 , 46, 1813-21	11.6	3744
335	Clinical practice guidelines for the management of candidiasis: 2009 update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2009 , 48, 503-35	11.6	2247
334	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: non-neutropenic adult patients. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 19-37	9.5	774
333	An integrated model of the recognition of <i>Candida albicans</i> by the innate immune system. <i>Nature Reviews Microbiology</i> , 2008 , 6, 67-78	22.2	679
332	Invasive Candidiasis. <i>New England Journal of Medicine</i> , 2015 , 373, 1445-56	59.2	675
331	<i>Candida albicans</i> infection affords protection against reinfection via functional reprogramming of monocytes. <i>Cell Host and Microbe</i> , 2012 , 12, 223-32	23.4	654
330	Revision and Update of the Consensus Definitions of Invasive Fungal Disease From the European Organization for Research and Treatment of Cancer and the Mycoses Study Group Education and Research Consortium. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1367-1376	11.6	607
329	Differential requirement for the activation of the inflammasome for processing and release of IL-1beta in monocytes and macrophages. <i>Blood</i> , 2009 , 113, 2324-35	2.2	599
328	Diagnosis and management of <i>Aspergillus</i> diseases: executive summary of the 2017 ESCMID-ECMM-ERS guideline. <i>Clinical Microbiology and Infection</i> , 2018 , 24 Suppl 1, e1-e38	9.5	584
327	Toll-like receptor 2 controls expansion and function of regulatory T cells. <i>Journal of Clinical Investigation</i> , 2006 , 116, 485-94	15.9	583
326	Human dectin-1 deficiency and mucocutaneous fungal infections. <i>New England Journal of Medicine</i> , 2009 , 361, 1760-7	59.2	573
325	Immune sensing of <i>Candida albicans</i> requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1642-50	15.9	548
324	Impact of treatment strategy on outcomes in patients with candidemia and other forms of invasive candidiasis: a patient-level quantitative review of randomized trials. <i>Clinical Infectious Diseases</i> , 2012 , 54, 1110-22	11.6	545
323	Toll-like receptor 2 suppresses immunity against <i>Candida albicans</i> through induction of IL-10 and regulatory T cells. <i>Journal of Immunology</i> , 2004 , 172, 3712-8	5.3	511
322	STAT1 mutations in autosomal dominant chronic mucocutaneous candidiasis. <i>New England Journal of Medicine</i> , 2011 , 365, 54-61	59.2	505
321	The inflammasome-mediated caspase-1 activation controls adipocyte differentiation and insulin sensitivity. <i>Cell Metabolism</i> , 2010 , 12, 593-605	24.6	472
320	Voriconazole versus a regimen of amphotericin B followed by fluconazole for candidaemia in non-neutropenic patients: a randomised non-inferiority trial. <i>Lancet, The</i> , 2005 , 366, 1435-42	4.0	435

319	The role of toll-like receptor (TLR) 2 and TLR4 in the host defense against disseminated candidiasis. <i>Journal of Infectious Diseases</i> , 2002 , 185, 1483-9	7	388
318	Invasive candidiasis. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 18026	51.1	382
317	IL-1beta processing in host defense: beyond the inflammasomes. <i>PLoS Pathogens</i> , 2010 , 6, e1000661	7.6	354
316	Current evidence on hospital antimicrobial stewardship objectives: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , 2016 , 16, 847-856	25.5	352
315	Deficiency of interleukin-18 in mice leads to hyperphagia, obesity and insulin resistance. <i>Nature Medicine</i> , 2006 , 12, 650-6	50.5	314
314	Defining responses to therapy and study outcomes in clinical trials of invasive fungal diseases: Mycoses Study Group and European Organization for Research and Treatment of Cancer consensus criteria. <i>Clinical Infectious Diseases</i> , 2008 , 47, 674-83	11.6	308
313	The C-type lectin DC-SIGN (CD209) is an antigen-uptake receptor for <i>Candida albicans</i> on dendritic cells. <i>European Journal of Immunology</i> , 2003 , 33, 532-8	6.1	298
312	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008 , 38, 500-6	6.1	292
311	Immune defence against <i>Candida</i> fungal infections. <i>Nature Reviews Immunology</i> , 2015 , 15, 630-42	36.5	283
310	NOD2 and toll-like receptors are nonredundant recognition systems of <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2005 , 1, 279-85	7.6	275
309	The macrophage mannose receptor induces IL-17 in response to <i>Candida albicans</i> . <i>Cell Host and Microbe</i> , 2009 , 5, 329-40	23.4	271
308	Dectin-1 synergizes with TLR2 and TLR4 for cytokine production in human primary monocytes and macrophages. <i>Cellular Microbiology</i> , 2008 , 10, 2058-66	3.9	261
307	TLR4 polymorphisms, infectious diseases, and evolutionary pressure during migration of modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16645-50	11.5	261
306	<i>Aspergillus fumigatus</i> evades immune recognition during germination through loss of toll-like receptor-4-mediated signal transduction. <i>Journal of Infectious Diseases</i> , 2003 , 188, 320-6	7	251
305	ESCMID* guideline for the diagnosis and management of <i>Candida</i> diseases 2012: adults with haematological malignancies and after haematopoietic stem cell transplantation (HCT). <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 53-67	9.5	241
304	ESCMID* guideline for the diagnosis and management of <i>Candida</i> diseases 2012: diagnostic procedures. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 9-18	9.5	239
303	Immune recognition of <i>Candida albicans</i> beta-glucan by dectin-1. <i>Journal of Infectious Diseases</i> , 2007 , 196, 1565-71	7	239
302	Circulating cytokines as mediators of fever. <i>Clinical Infectious Diseases</i> , 2000 , 31 Suppl 5, S178-84	11.6	234

301	Nucleotide-binding oligomerization domain-2 modulates specific TLR pathways for the induction of cytokine release. <i>Journal of Immunology</i> , 2005 , 174, 6518-23	5.3	230
300	Does the shape of lipid A determine the interaction of LPS with Toll-like receptors?. <i>Trends in Immunology</i> , 2002 , 23, 135-9	14.4	217
299	International expert opinion on the management of infection caused by azole-resistant <i>Aspergillus fumigatus</i> . <i>Drug Resistance Updates</i> , 2015 , 21-22, 30-40	23.2	210
298	Toll-like receptors and the host defense against microbial pathogens: bringing specificity to the innate-immune system. <i>Journal of Leukocyte Biology</i> , 2004 , 75, 749-55	6.5	207
297	ESCMID* guideline for the diagnosis and management of <i>Candida</i> diseases 2012: prevention and management of invasive infections in neonates and children caused by <i>Candida</i> spp. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 38-52	9.5	206
296	Reactive oxygen species-independent activation of the IL-1beta inflammasome in cells from patients with chronic granulomatous disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3030-3	11.5	206
295	Early stop polymorphism in human DECTIN-1 is associated with increased candida colonization in hematopoietic stem cell transplant recipients. <i>Clinical Infectious Diseases</i> , 2009 , 49, 724-32	11.6	204
294	Functional consequences of toll-like receptor 4 polymorphisms. <i>Molecular Medicine</i> , 2008 , 14, 346-52	6.2	204
293	Antibiotic prophylaxis and the risk of surgical site infections following total hip arthroplasty: timely administration is the most important factor. <i>Clinical Infectious Diseases</i> , 2007 , 44, 921-7	11.6	199
292	NOD2 mediates anti-inflammatory signals induced by TLR2 ligands: implications for Crohn's disease. <i>European Journal of Immunology</i> , 2004 , 34, 2052-9	6.1	194
291	Neutralization of IL-18 reduces neutrophil tissue accumulation and protects mice against lethal <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> endotoxemia. <i>Journal of Immunology</i> , 2000 , 164, 2644-9	5.3	194
290	Toll-like receptors as an escape mechanism from the host defense. <i>Trends in Microbiology</i> , 2004 , 12, 484-8	6.4	190
289	Interplay between <i>Candida albicans</i> and the mammalian innate host defense. <i>Infection and Immunity</i> , 2012 , 80, 1304-13	3.7	176
288	Dendritic cell interaction with <i>Candida albicans</i> critically depends on N-linked mannan. <i>Journal of Biological Chemistry</i> , 2008 , 283, 20590-9	5.4	174
287	Human TLR10 is an anti-inflammatory pattern-recognition receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4478-84	11.5	168
286	Proinflammatory cytokines and sepsis syndrome: not enough, or too much of a good thing?. <i>Trends in Immunology</i> , 2003 , 24, 254-8	14.4	162
285	Increased production of interleukin 4 by CD4+ and CD8+ T cells from patients with tuberculosis is related to the presence of pulmonary cavities. <i>Journal of Infectious Diseases</i> , 2000 , 181, 1194-7	7	162
284	CX3CR1-dependent renal macrophage survival promotes <i>Candida</i> control and host survival. <i>Journal of Clinical Investigation</i> , 2013 , 123, 5035-51	15.9	153

283	Review of influenza-associated pulmonary aspergillosis in ICU patients and proposal for a case definition: an expert opinion. <i>Intensive Care Medicine</i> , 2020 , 46, 1524-1535	14.5	149
282	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of <i>Candida albicans</i> . <i>Journal of Leukocyte Biology</i> , 2011 , 90, 357-66	6.5	148
281	Differential cytokine production and Toll-like receptor signaling pathways by <i>Candida albicans</i> blastoconidia and hyphae. <i>Infection and Immunity</i> , 2005 , 73, 7458-64	3.7	148
280	Interferon-gamma as adjunctive immunotherapy for invasive fungal infections: a case series. <i>BMC Infectious Diseases</i> , 2014 , 14, 166	4	147
279	Inflammasome-independent modulation of cytokine response by autophagy in human cells. <i>PLoS ONE</i> , 2011 , 6, e18666	3.7	146
278	Low-density lipoprotein receptor-deficient mice are protected against lethal endotoxemia and severe gram-negative infections. <i>Journal of Clinical Investigation</i> , 1996 , 97, 1366-72	15.9	144
277	From the Th1/Th2 paradigm towards a Toll-like receptor/T-helper bias. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3991-6	5.9	143
276	Recognition and blocking of innate immunity cells by <i>Candida albicans</i> chitin. <i>Infection and Immunity</i> , 2011 , 79, 1961-70	3.7	139
275	Ocular manifestations of candidemia. <i>Clinical Infectious Diseases</i> , 2011 , 53, 262-8	11.6	136
274	Randomized Trial of Longer-Term Therapy for Symptoms Attributed to Lyme Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1209-20	59.2	134
273	Endogenous interleukin (IL)-1 alpha and IL-1 beta are crucial for host defense against disseminated candidiasis. <i>Journal of Infectious Diseases</i> , 2006 , 193, 1419-26	7	133
272	Recombinant interferon-gamma enhances resistance to acute disseminated <i>Candida albicans</i> infection in mice. <i>Journal of Infectious Diseases</i> , 1993 , 168, 436-43	7	132
271	Management of invasive candidiasis and candidemia in adult non-neutropenic intensive care unit patients: Part I. Epidemiology and diagnosis. <i>Intensive Care Medicine</i> , 2009 , 35, 55-62	14.5	128
270	Influenza-Associated Aspergillosis in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 524-527	10.2	127
269	Host-microbe interactions: innate pattern recognition of fungal pathogens. <i>Current Opinion in Microbiology</i> , 2008 , 11, 305-12	7.9	126
268	Functional genomics identifies type I interferon pathway as central for host defense against <i>Candida albicans</i> . <i>Nature Communications</i> , 2013 , 4, 1342	17.4	119
267	Recognition of fungal pathogens by toll-like receptors. <i>Current Pharmaceutical Design</i> , 2006 , 12, 4195-2013	9.3	112
266	The Role of Hyperuricemia in the Increased Cytokine Production After Lipopolysaccharide Challenge in Neutropenic Mice. <i>Blood</i> , 1997 , 89, 577-582	2.2	108

265	Salmonella septicemia in rheumatoid arthritis patients receiving anti-tumor necrosis factor therapy: association with decreased interferon-gamma production and Toll-like receptor 4 expression. <i>Arthritis and Rheumatism</i> , 2003 , 48, 1853-7		106
264	The inflammasome drives protective Th1 and Th17 cellular responses in disseminated candidiasis. <i>European Journal of Immunology</i> , 2011 , 41, 2260-8	6.1	104
263	Voriconazole salvage treatment of invasive candidiasis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2003 , 22, 651-5	5.3	104
262	Toll-like receptor 1 polymorphisms increase susceptibility to candidemia. <i>Journal of Infectious Diseases</i> , 2012 , 205, 934-43	7	102
261	<i>Aspergillus fumigatus</i> conidial melanin modulates host cytokine response. <i>Immunobiology</i> , 2010 , 215, 915-20	3.4	100
260	The Y238X stop codon polymorphism in the human β -glucan receptor dectin-1 and susceptibility to invasive aspergillosis. <i>Journal of Infectious Diseases</i> , 2011 , 203, 736-43	7	100
259	<i>Mycobacterium paratuberculosis</i> is recognized by Toll-like receptors and NOD2. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 1011-8	6.5	100
258	Pro-inflammatory cytokines in patients with essential hypertension. <i>European Journal of Clinical Investigation</i> , 2001 , 31, 31-6	4.6	100
257	Interleukin-18 induces production of proinflammatory cytokines in mice: no intermediate role for the cytokines of the tumor necrosis factor family and interleukin-1beta. <i>European Journal of Immunology</i> , 2000 , 30, 3057-60	6.1	100
256	Recognition of fungal pathogens by Toll-like receptors. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2004 , 23, 672-6	5.3	97
255	¹⁸ F-FDG PET/CT for detection of metastatic infection in gram-positive bacteremia. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1234-40	8.9	96
254	Non-LPS components of <i>Chlamydia pneumoniae</i> stimulate cytokine production through Toll-like receptor 2-dependent pathways. <i>European Journal of Immunology</i> , 2002 , 32, 1188-95	6.1	96
253	Anti- <i>Aspergillus</i> human host defence relies on type 1 T helper (Th1), rather than type 17 T helper (Th17), cellular immunity. <i>Immunology</i> , 2010 , 130, 46-54	7.8	95
252	Endoplasmic reticulum alpha-glycosidases of <i>Candida albicans</i> are required for N glycosylation, cell wall integrity, and normal host-fungus interaction. <i>Eukaryotic Cell</i> , 2007 , 6, 2184-93		95
251	STAT1 hyperphosphorylation and defective IL12R/IL23R signaling underlie defective immunity in autosomal dominant chronic mucocutaneous candidiasis. <i>PLoS ONE</i> , 2011 , 6, e29248	3.7	93
250	Purpura fulminans and symmetrical peripheral gangrene caused by <i>Capnocytophaga canimorsus</i> (formerly DF-2) septicemia--a complication of dog bite. <i>Medicine (United States)</i> , 1991 , 70, 287-92	1.8	90
249	A multifunctional mannosyltransferase family in <i>Candida albicans</i> determines cell wall mannan structure and host-fungus interactions. <i>Journal of Biological Chemistry</i> , 2010 , 285, 12087-95	5.4	89
248	Adherence to local hospital guidelines for surgical antimicrobial prophylaxis: a multicentre audit in Dutch hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 1389-96	5.1	89

247	Acellular components of Chlamydia pneumoniae stimulate cytokine production in human blood mononuclear cells. <i>European Journal of Immunology</i> , 2000 , 30, 541-9	6.1	89
246	Two patients with cryptococcal meningitis and idiopathic CD4 lymphopenia: defective cytokine production and reversal by recombinant interferon- gamma therapy. <i>Clinical Infectious Diseases</i> , 2004 , 39, e83-7	11.6	88
245	Barriers to optimal antibiotic use for community-acquired pneumonia at hospitals: a qualitative study. <i>Quality and Safety in Health Care</i> , 2007 , 16, 143-9		87
244	Quality improvement of surgical prophylaxis in Dutch hospitals: evaluation of a multi-site intervention by time series analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 56, 1094-102	5.1	87
243	Modulation of Toll-like receptor 2 (TLR2) and TLR4 responses by Aspergillus fumigatus. <i>Infection and Immunity</i> , 2009 , 77, 2184-92	3.7	86
242	Genetic susceptibility to Candida infections. <i>EMBO Molecular Medicine</i> , 2013 , 5, 805-13	12	85
241	Role of granulocytes in increased host resistance to Candida albicans induced by recombinant interleukin-1. <i>Infection and Immunity</i> , 1990 , 58, 3319-24	3.7	84
240	The effect of renin-angiotensin system inhibitors on pro- and anti-inflammatory cytokine production. <i>Immunology</i> , 1998 , 94, 376-9	7.8	83
239	Th17 responses and host defense against microorganisms: an overview. <i>BMB Reports</i> , 2009 , 42, 776-87	5.5	81
238	Isavuconazole Versus Caspofungin in the Treatment of Candidemia and Other Invasive Candida Infections: The ACTIVE Trial. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1981-1989	11.6	81
237	Recommendations for antibacterial therapy in adults with COVID-19 - an evidence based guideline. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 61-66	9.5	81
236	Role of Dectin-2 for host defense against systemic infection with Candida glabrata. <i>Infection and Immunity</i> , 2014 , 82, 1064-73	3.7	80
235	Mycobacterium tuberculosis induces IL-17A responses through TLR4 and dectin-1 and is critically dependent on endogenous IL-1. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 227-32	6.5	78
234	Failure of prescribers to adjust antibiotic dose to impaired renal function in daily clinical practice. <i>British Journal of Clinical Pharmacology</i> , 2002 , 53, 557P-557P	3.8	78
233	Role of TLR1 and TLR6 in the host defense against disseminated candidiasis. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 52, 118-23		75
232	Cost-effectiveness of routine (18)F-FDG PET/CT in high-risk patients with gram-positive bacteremia. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 1673-8	8.9	72
231	Impaired dendritic cell function in Crohn's disease patients with NOD2 3020insC mutation. <i>Journal of Leukocyte Biology</i> , 2006 , 79, 860-6	6.5	72
230	Functional and genetic evidence that the Mal/TIRAP allele variant 180L has been selected by providing protection against septic shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10272-7	11.5	71

229	Aspergillus fumigatus cell wall components differentially modulate host TLR2 and TLR4 responses. <i>Microbes and Infection</i> , 2011 , 13, 151-9	9.3	70
228	Candida albicans dampens host defense by downregulating IL-17 production. <i>Journal of Immunology</i> , 2010 , 185, 2450-7	5.3	69
227	Optimizing antimicrobial therapy. A method for antimicrobial drug use evaluation. <i>Journal of Antimicrobial Chemotherapy</i> , 1992 , 30, 724-7	5.1	69
226	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: developing European guidelines in clinical microbiology and infectious diseases. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 1-8	9.5	67
225	Early treatment of candidemia in adults: a review. <i>Medical Mycology</i> , 2011 , 49, 113-20	3.9	67
224	Genetic variation in the dectin-1/CARD9 recognition pathway and susceptibility to candidemia. <i>Journal of Infectious Diseases</i> , 2011 , 204, 1138-45	7	66
223	Bypassing pathogen-induced inflammasome activation for the regulation of interleukin-1beta production by the fungal pathogen Candida albicans. <i>Journal of Infectious Diseases</i> , 2009 , 199, 1087-96	7	66
222	Metastatic infectious disease and clinical outcome in Staphylococcus aureus and Streptococcus species bacteremia. <i>Medicine (United States)</i> , 2012 , 91, 86-94	1.8	65
221	Engagement of NOD2 has a dual effect on proIL-1beta mRNA transcription and secretion of bioactive IL-1beta. <i>European Journal of Immunology</i> , 2008 , 38, 184-91	6.1	65
220	Bartonella quintana lipopolysaccharide is a natural antagonist of Toll-like receptor 4. <i>Infection and Immunity</i> , 2007 , 75, 4831-7	3.7	65
219	Incidence and outcome of invasive candidiasis in intensive care units (ICUs) in Europe: results of the EUCANDICU project. <i>Critical Care</i> , 2019 , 23, 219	10.8	64
218	Fungal strategies for overcoming host innate immune response. <i>Medical Mycology</i> , 2009 , 47, 227-36	3.9	64
217	Early serum galactomannan trend as a predictor of outcome of invasive aspergillosis. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 2330-6	9.7	63
216	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: patients with HIV infection or AIDS. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 68-77	9.5	63
215	ImmunoChip SNP array identifies novel genetic variants conferring susceptibility to candidaemia. <i>Nature Communications</i> , 2014 , 5, 4675	17.4	62
214	Pathogenesis of invasive candidiasis. <i>Current Opinion in Critical Care</i> , 2010 , 16, 453-9	3.5	62
213	Cytokine gene polymorphisms and the outcome of invasive candidiasis: a prospective cohort study. <i>Clinical Infectious Diseases</i> , 2012 , 54, 502-10	11.6	61
212	Effects of hydrophobicity on the antifungal activity of alpha-helical antimicrobial peptides. <i>Chemical Biology and Drug Design</i> , 2008 , 72, 483-95	2.9	61

211	Toll-like receptor-4 Asp299Gly polymorphism does not influence progression of atherosclerosis in patients with familial hypercholesterolaemia. <i>European Journal of Clinical Investigation</i> , 2004 , 34, 94-9	4.6	61
210	Pharmacologic inhibitors of tumor necrosis factor production exert differential effects in lethal endotoxemia and in infection with live microorganisms in mice. <i>Journal of Infectious Diseases</i> , 1995 , 171, 393-9	7	61
209	The Candida Th17 response is dependent on mannan- and beta-glucan-induced prostaglandin E2. <i>International Immunology</i> , 2010 , 22, 889-95	4.9	60
208	The role of endogenous interleukin (IL)-18, IL-12, IL-1beta, and tumor necrosis factor-alpha in the production of interferon-gamma induced by Candida albicans in human whole-blood cultures. <i>Journal of Infectious Diseases</i> , 2002 , 185, 963-70	7	60
207	Transcriptional and inflammasome-mediated pathways for the induction of IL-1beta production by Mycobacterium tuberculosis. <i>European Journal of Immunology</i> , 2009 , 39, 1914-22	6.1	59
206	Recognition of Borrelia burgdorferi by NOD2 is central for the induction of an inflammatory reaction. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1849-58	7	57
205	Apolipoprotein E-deficient mice have an impaired immune response to Klebsiella pneumoniae. <i>European Journal of Clinical Investigation</i> , 2000 , 30, 818-22	4.6	57
204	Influence of genetic variations in TLR4 and TIRAP/Mal on the course of sepsis and pneumonia and cytokine release: an observational study in three cohorts. <i>Critical Care</i> , 2010 , 14, R103	10.8	56
203	1,25-dihydroxyvitamin D3 modulates cytokine production induced by Candida albicans: impact of seasonal variation of immune responses. <i>Journal of Infectious Diseases</i> , 2011 , 203, 122-30	7	56
202	Functional consequences of the Asp299Gly Toll-like receptor-4 polymorphism. <i>Cytokine</i> , 2005 , 30, 264-8	4	56
201	Variable recognition of Candida albicans strains by TLR4 and lectin recognition receptors. <i>Medical Mycology</i> , 2010 , 48, 897-903	3.9	55
200	Tailored interventions to improve antibiotic use for lower respiratory tract infections in hospitals: a cluster-randomized, controlled trial. <i>Clinical Infectious Diseases</i> , 2007 , 44, 931-41	11.6	54
199	Management of invasive candidiasis and candidemia in adult non-neutropenic intensive care unit patients: Part II. Treatment. <i>Intensive Care Medicine</i> , 2009 , 35, 206-14	14.5	53
198	Trends in immunotherapy of fungal infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1997 , 16, 51-5	5.3	52
197	Increased susceptibility to systemic candidiasis in interleukin-6 deficient mice. <i>Medical Mycology</i> , 1999 , 37, 419-26	3.9	52
196	Antibiotic research and development: business as usual?. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1604-7	5.1	51
195	Gene polymorphisms in pattern recognition receptors and susceptibility to idiopathic recurrent vulvovaginal candidiasis. <i>Frontiers in Microbiology</i> , 2014 , 5, 483	5.7	51
194	European expert opinion on the management of invasive candidiasis in adults. <i>Clinical Microbiology and Infection</i> , 2011 , 17 Suppl 5, 1-12	9.5	51

193	Selective digestive decontamination in patients in intensive care. The Dutch Working Group on Antibiotic Policy. <i>Journal of Antimicrobial Chemotherapy</i> , 2000 , 46, 351-62	5.1	51
192	Recombinant murine granulocyte colony-stimulating factor protects against acute disseminated <i>Candida albicans</i> infection in nonneutropenic mice. <i>Journal of Infectious Diseases</i> , 1998 , 177, 175-81	7	51
191	Phagocytosis and intracellular killing of <i>Candida albicans</i> blastoconidia by neutrophils and macrophages: a comparison of different microbiological test systems. <i>Journal of Microbiological Methods</i> , 2002 , 49, 55-62	2.8	50
190	Amphotericin B versus amphotericin B plus 5-flucytosine: poor results in the treatment of proven systemic mycoses in neutropenic patients. <i>Infection</i> , 1994 , 22, 81-5	5.8	50
189	Complement plays a central role in <i>Candida albicans</i> -induced cytokine production by human PBMCs. <i>European Journal of Immunology</i> , 2012 , 42, 993-1004	6.1	49
188	ICU-acquired immunosuppression and the risk for secondary fungal infections. <i>Medical Mycology</i> , 2011 , 49 Suppl 1, S17-23	3.9	49
187	The role of NLRs and TLRs in the activation of the inflammasome. <i>Expert Opinion on Biological Therapy</i> , 2008 , 8, 1867-72	5.4	49
186	Human dendritic cells are less potent at killing <i>Candida albicans</i> than both monocytes and macrophages. <i>Microbes and Infection</i> , 2004 , 6, 985-9	9.3	49
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