

List of Publications by Citations

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

49 papers	2,818 citations	25 h-index	50 g-index
50 ext. papers	3,141 ext. citations	6.3 avg, IF	4.21 L-index

#	Paper	IF	Citations
49	Lipoteichoic acid (LTA) of <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> activates immune cells via Toll-like receptor (TLR)-2, lipopolysaccharide-binding protein (LBP), and CD14, whereas TLR-4 and MD-2 are not involved. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 15587-94	5.4	467
48	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> , <b>2007</b> , 104, 16645-50	11.5	261
47	Toll-like receptor (TLR) polymorphisms in African children: Common TLR-4 variants predispose to severe malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 177-82	11.5	230
46	Ventilation-induced chemokine and cytokine release is associated with activation of nuclear factor-kappaB and is blocked by steroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 163, 711-6	10.2	221
45	Cutting edge: A common polymorphism impairs cell surface trafficking and functional responses of TLR1 but protects against leprosy. <i>Journal of Immunology</i> , <b>2007</b> , 178, 7520-4	5.3	206
44	Lipopolysaccharide binding protein binds to triacylated and diacylated lipopeptides and mediates innate immune responses. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2683-91	5.3	132
43	High frequency of polymorphism Arg753Gln of the Toll-like receptor-2 gene detected by a novel allele-specific PCR. <i>Journal of Molecular Medicine</i> , <b>2003</b> , 81, 368-72	5.5	113
42	Common polymorphisms of toll-like receptors 4 and 9 are associated with the clinical manifestation of malaria during pregnancy. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 194, 184-8	7	112
41	Polymorphism N248S in the human Toll-like receptor 1 gene is related to leprosy and leprosy reactions. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 1816-9	7	75
40	The crystal structure of lipopolysaccharide binding protein reveals the location of a frequent mutation that impairs innate immunity. <i>Immunity</i> , <b>2013</b> , 39, 647-60	32.3	71
39	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> , <b>2009</b> , 106, 10272-7	11.5	71
38	A frequent toll-like receptor (TLR)-2 polymorphism is a risk factor for coronary restenosis. <i>Journal of Molecular Medicine</i> , <b>2005</b> , 83, 478-85	5.5	66
37	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> , <b>2010</b> , 14, R103	10.8	56
36	Acute-phase concentrations of lipopolysaccharide (LPS)-binding protein inhibit innate immune cell activation by different LPS chemotypes via different mechanisms. <i>Infection and Immunity</i> , <b>2005</b> , 73, 193-200	3.7	53
35	Toll-like receptor (TLR)-9 promotor polymorphisms and atherosclerosis. <i>Clinica Chimica Acta</i> , <b>2006</b> , 364, 303-7	6.2	52
34	Rapid and inexpensive real-time PCR for genotyping functional polymorphisms within the Toll-like receptor -2, -4, and -9 genes. <i>Journal of Immunological Methods</i> , <b>2004</b> , 285, 281-91	2.5	52
33	Surfactant protein a inhibits lipopolysaccharide-induced immune cell activation by preventing the interaction of lipopolysaccharide with lipopolysaccharide-binding protein. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2002</b> , 27, 353-60	5.7	52

32	CD55/decay accelerating factor is part of the lipopolysaccharide-induced receptor complex. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 1399-408	6.1	43
31	Accumulation of inhibitory kappaB-alpha as a mechanism contributing to the anti-inflammatory effects of surfactant protein-A. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2004</b> , 31, 587-594	5.7	38
30	The Common R71H-G230A-R293Q Human TMEM173 Is a Null Allele. <i>Journal of Immunology</i> , <b>2017</b> , 198, 776-787	5.3	34
29	Low frequency of the TIRAP S180L polymorphism in Africa, and its potential role in malaria, sepsis, and leprosy. <i>BMC Medical Genetics</i> , <b>2009</b> , 10, 65	2.1	32
28	The toll-like receptor 1 variant S248N influences placental malaria. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 785-9	4.5	32
27	Inhibition of LPS-induced activation of alveolar macrophages by high concentrations of LPS-binding protein. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 295, 553-60	3.4	26
26	A frequent Toll-like receptor 1 gene polymorphism affects NK- and T-cell IFN- $\gamma$ production and is associated with Helicobacter pylori-induced gastric disease. <i>Helicobacter</i> , <b>2013</b> , 18, 13-21	4.9	25
25	Mannose-binding lectin and Toll-like receptor polymorphisms and Chagas disease in Chile. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2012</b> , 86, 229-32	3.2	25
24	Identification of the 80-kDa LPS-binding protein (LMP80) as decay-accelerating factor (DAF, CD55). <i>FEMS Immunology and Medical Microbiology</i> , <b>1999</b> , 23, 259-69		25
23	The common HAQ STING variant impairs cGAS-dependent antibacterial responses and is associated with susceptibility to Legionnaires Disease in humans. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006829	7.6	25
22	Association of TLR3-hyporesponsiveness and functional TLR3 L412F polymorphism with recurrent herpes labialis. <i>Human Immunology</i> , <b>2012</b> , 73, 844-51	2.3	22
21	Pre- and postoperative cytokine release after in vitro whole blood lipopolysaccharide stimulation and frequent toll-like receptor 4 polymorphisms. <i>Shock</i> , <b>2006</b> , 25, 123-8	3.4	19
20	STING SNP R293Q Is Associated with a Decreased Risk of Aging-Related Diseases. <i>Gerontology</i> , <b>2019</b> , 65, 145-154	5.5	17
19	Association of a common TLR-6 polymorphism with coronary artery disease - implications for healthy ageing?. <i>Immunity and Ageing</i> , <b>2013</b> , 10, 43	9.7	16
18	Evidence for PTGER4, PSCA, and MBOAT7 as risk genes for gastric cancer on the genome and transcriptome level. <i>Cancer Medicine</i> , <b>2018</b> , 7, 5057-5065	4.8	16
17	Unequal distribution of the mating type (MAT) locus idiomorphs in dermatophyte species. <i>Fungal Genetics and Biology</i> , <b>2018</b> , 118, 45-53	3.9	14
16	Binding of lipopolysaccharide (LPS) to CHO cells does not correlate with LPS-induced NF-kappaB activation. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 211-6	6.1	13
15	A Promoter Polymorphism of the Vitamin D Metabolism Gene Cyp24a1 is Associated with Severe Atopic Dermatitis in Adults. <i>Acta Dermato-Venereologica</i> , <b>2016</b> , 96, 169-72	2.2	13

14	First evidence for STING SNP R293Q being protective regarding obesity-associated cardiovascular disease in age-advanced subjects - a cohort study. <i>Immunity and Ageing</i> , <b>2020</b> , 17, 7	9.7	12
13	Use of locked nucleic acid oligonucleotides as hybridization/FRET probes for quantification of 16S rDNA by real-time PCR. <i>BioTechniques</i> , <b>2005</b> , 38, 29-30, 32	2.5	12
12	MiRNA-146a polymorphism increases the odds of malaria in pregnancy. <i>Malaria Journal</i> , <b>2019</b> , 18, 7	3.6	11
11	The cGAS/STING Pathway Detects Streptococcus pneumoniae but Appears Dispensable for Antipneumococcal Defense in Mice and Humans. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	10
10	Cholesteryl ester transfer protein (CETP) I405V polymorphism and cardiovascular disease in eastern European Caucasians - a cross-sectional study. <i>BMC Geriatrics</i> , <b>2016</b> , 16, 144	4.1	9
9	Genetic variation of TLR4 influences immunoendocrine stress response: an observational study in cardiac surgical patients. <i>Critical Care</i> , <b>2011</b> , 15, R109	10.8	9
8	Response to Comment on "The Common R71H-G230A-R293Q Human Is a Null Allele". <i>Journal of Immunology</i> , <b>2017</b> , 198, 4185-4188	5.3	8
7	Toll-Interleukin 1 Receptor Domain-Containing Adaptor Protein 180L Single-Nucleotide Polymorphism Is Associated With Susceptibility to Recurrent Pneumococcal Lower Respiratory Tract Infections in Children. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1780	8.4	7
6	The course of gastric cancer following surgery is associated with genetic variations of the interleukin-1 receptor antagonist and interleukin-1. <i>Gastric Cancer</i> , <b>2015</b> , 18, 77-83	7.6	5
5	Less functional variants of TLR-1/-6/-10 genes are associated with age. <i>Immunity and Ageing</i> , <b>2015</b> , 12, 7	9.7	4
4	The biology of endotoxin. <i>Methods in Molecular Biology</i> , <b>2000</b> , 145, 287-309	1.4	4
3	TLR-6 SNP P249S is associated with healthy aging in nonsmoking Eastern European Caucasians - A cohort study. <i>Immunity and Ageing</i> , <b>2016</b> , 13, 7	9.7	1
2	Binding of lipopolysaccharide (LPS) to CHO cells does not correlate with LPS-induced NF- $\kappa$ B activation <b>2000</b> , 30, 211		1
1	A Genetic Variation of Lipopolysaccharide Binding Protein Affects the Inflammatory Response and Is Associated with Improved Outcome during Sepsis.. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 972-982	2.7	