Robert L Modlin

List of Publications by Year in Descending Order

295 papers	35,021 citations	98 h-index	184 g-index
310 ext. papers	38,185 ext. citations	11.9 avg, IF	6.7 L-index

#	Paper	IF	Citations
295	Antimicrobial production by perifollicular dermal preadipocytes is essential to the pathophysiology of acne.. *Science Translational Medicine*, **2022**, 14, eabh1478	17.5	1
294	Nonlesional lupus skin contributes to inflammatory education of myeloid cells and primes for cutaneous inflammation.. *Science Translational Medicine*, **2022**, 14, eabn2263	17.5	3
293	The cellular architecture of the antimicrobial response network in human leprosy granulomas. *Nature Immunology*, **2021**, 22, 839-850	19.1	13
292	Extracellular traps released by antimicrobial TH17 cells contribute to host defense. *Journal of Clinical Investigation*, **2021**, 131,	15.9	8
291	A CD4+CD161+ T-Cell Subset Present in Unexposed Humans, Not Tb Patients, Are Fast Acting Cells That Inhibit the Growth of Intracellular Mycobacteria Involving CD161 Pathway, Perforin, and IFN-Autophagy. *Frontiers in Immunology*, **2021**, 12, 599641	8.4	4
290	Identification of Genes Encoding Antimicrobial Proteins in Langerhans Cells. *Frontiers in Immunology*, **2021**, 12, 695373	8.4	
289	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. *Journal of Investigative Dermatology*, **2021**, 141, 2436-2448	4.3	2
288	Cellular, Molecular, and Immunological Characteristics of Langhans Multinucleated Giant Cells Programmed by IL-15. *Journal of Investigative Dermatology*, **2020**, 140, 1824-1836.e7	4.3	4
287	ER Stress Regulates Immunosuppressive Function of Myeloid Derived Suppressor Cells in Leprosy that Can Be Overcome in the Presence of IFN- *iScience*, **2020**, 23, 101050	6.1	3
286	IL-32 potentiates tumor immunity in melanoma. *JCI Insight*, **2020**, 5,	9.9	7
285	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. *JCI Insight*, **2020**, 5,	9.9	31
284	Vitamin D-Cathelicidin Axis: at the Crossroads between Protective Immunity and Pathological Inflammation during Infection. *Immune Network*, **2020**, 20, e12	6.1	35
283	Second-Strand Synthesis-Based Massively Parallel scRNA-Seq Reveals Cellular States and Molecular Features of Human Inflammatory Skin Pathologies. *Immunity*, **2020**, 53, 878-894.e7	32.3	68
282	Vitamin A Metabolism by Dendritic Cells Triggers an Antimicrobial Response against Mycobacterium tuberculosis. *MSphere*, **2019**, 4,	5	7
281	Heterogeneous GM-CSF signaling in macrophages is associated with control of Mycobacterium tuberculosis. *Nature Communications*, **2019**, 10, 2329	17.4	22
280	IL-12 Expands and Differentiates Human V2V2 T Effector Cells Producing Antimicrobial Cytokines and Inhibiting Intracellular Mycobacterial Growth. *Frontiers in Immunology*, **2019**, 10, 913	8.4	12
279	Dual RNA-Seq of Human Leprosy Lesions Identifies Bacterial Determinants Linked to Host Immune Response. *Cell Reports*, **2019**, 26, 3574-3585.e3	10.6	26

278	Sequential conditioning-stimulation reveals distinct gene- and stimulus-specific effects of Type I and II IFN on human macrophage functions. *Scientific Reports*, **2019**, 9, 5288	4.9	15
277	The cell fate regulator NUPR1 is induced by Mycobacterium leprae via type I interferon in human leprosy. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007589	4.8	6
276	IL-1 induces the Rapid Secretion of the Antimicrobial Protein IL-26 from Th17 Cells. *Journal of Immunology*, **2019**, 203, 911-921	5.3	13
275	Identification of a systemic interferon- inducible antimicrobial gene signature in leprosy patients undergoing reversal reaction. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007764	4.8	12
274	Autophagy links antimicrobial activity with antigen presentation in Langerhans cells. *JCI Insight*, **2019**, 4,	9.9	11
273	IL-26 contributes to host defense against intracellular bacteria. *Journal of Clinical Investigation*, **2019**, 129, 1926-1939	15.9	27
272	Whole blood RNA signatures in leprosy patients identify reversal reactions before clinical onset: a prospective, multicenter study. *Scientific Reports*, **2019**, 9, 17931	4.9	9
271	Response to Comment on "IL-1 Induces the Rapid Secretion of the Antimicrobial Protein IL-26 from Th17 Cells". *Journal of Immunology*, **2019**, 203, 3093	5.3	
270	Plasticity of antimicrobial and phagocytic programs in human macrophages. *Immunology*, **2019**, 156, 164-173	7	18
269	Transfer RNA Induces IL-12p70 via Synergistic Activation of Pattern Recognition Receptors within a Cell Network. *Journal of Immunology*, **2018**, 200, 3244-3258	5.3	12
268	IL-12+IL-18 Cosignaling in Human Macrophages and Lung Epithelial Cells Activates Cathelicidin and Autophagy, Inhibiting Intracellular Mycobacterial Growth. *Journal of Immunology*, **2018**, 200, 2405-2417	5.3	24
267	Complete genomic sequences of Propionibacterium freudenreichii phages from Swiss cheese reveal greater diversity than Cutibacterium (formerly Propionibacterium) acnes phages. *BMC Microbiology*, **2018**, 18, 19	4.5	8
266	Vitamin D status contributes to the antimicrobial activity of macrophages against Mycobacterium leprae. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006608	4.8	29
265	Intrinsic activation of the vitamin D antimicrobial pathway by M. leprae infection is inhibited by type I IFN. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006815	4.8	6
264	A phylogenomic study quantifies competing mechanisms for pseudogenization in prokaryotes-The Mycobacterium leprae case. *PLoS ONE*, **2018**, 13, e0204322	3.7	3
263	Human antimicrobial cytotoxic T lymphocytes, defined by NK receptors and antimicrobial proteins, kill intracellular bacteria. *Science Immunology*, **2018**, 3,	28	34
262	Generation of a Live Attenuated Influenza Vaccine that Elicits Broad Protection in Mice and Ferrets. *Cell Host and Microbe*, **2017**, 21, 334-343	23.4	17
261	Opposing roles of Toll-like receptor and cytosolic DNA-STING signaling pathways for Staphylococcus aureus cutaneous host defense. *PLoS Pathogens*, **2017**, 13, e1006496	7.6	35

260	SaVanT: a web-based tool for the sample-level visualization of molecular signatures in gene expression profiles. *BMC Genomics*, **2017**, 18, 824	4.5	26
259	A Macrophage Response to Mycobacterium leprae Phenolic Glycolipid Initiates Nerve Damage in Leprosy. *Cell*, **2017**, 170, 973-985.e10	56.2	74
258	Mechanisms of Defense against Intracellular Pathogens Mediated by Human Macrophages. *Microbiology Spectrum*, **2016**, 4,	8.9	21
257	Cutaneous wound healing through paradoxical MAPK activation by BRAF inhibitors. *Nature Communications*, **2016**, 7, 12348	17.4	35
256	Lipoarabinomannan-Responsive Polycytotoxic T Cells Are Associated with Protection in Human Tuberculosis. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 345-55	10.2	39
255	Cell-type deconvolution with immune pathways identifies gene networks of host defense and immunopathology in leprosy. *JCI Insight*, **2016**, 1, e88843	9.9	23
254	S100A12 Is Part of the Antimicrobial Network against Mycobacterium leprae in Human Macrophages. *PLoS Pathogens*, **2016**, 12, e1005705	7.6	43
253	Jagged1 Instructs Macrophage Differentiation in Leprosy. *PLoS Pathogens*, **2016**, 12, e1005808	7.6	21
252	Different Propionibacterium acnes Phylotypes Induce Distinct Immune Responses and Express Unique Surface and Secreted Proteomes. *Journal of Investigative Dermatology*, **2016**, 136, 2221-2228	4.3	57
251	Imatinib Triggers Phagolysosome Acidification and Antimicrobial Activity against Mycobacterium bovis Bacille Calmette-Guérin in Glucocorticoid-Treated Human Macrophages. *Journal of Immunology*, **2016**, 197, 222-32	5.3	20
250	Human NOD2 Recognizes Structurally Unique Muramyl Dipeptides from Mycobacterium leprae. *Infection and Immunity*, **2016**, 84, 2429-38	3.7	25
249	T(H)17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. *Nature Immunology*, **2015**, 16, 970-9	19.1	147
248	Combinatorial code governing cellular responses to complex stimuli. *Nature Communications*, **2015**, 6, 6847	17.4	20
247	STING activation of tumor endothelial cells initiates spontaneous and therapeutic antitumor immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 15408-13	11.5	264
246	Comparison of molecular signatures from multiple skin diseases identifies mechanisms of immunopathogenesis. *Journal of Investigative Dermatology*, **2015**, 135, 151-159	4.3	27
245	IL-27 Suppresses Antimicrobial Activity in Human Leprosy. *Journal of Investigative Dermatology*, **2015**, 135, 2410-2417	4.3	16
244	Carbohydrate-dependent binding of langerin to SodC, a cell wall glycoprotein of Mycobacterium leprae. *Journal of Bacteriology*, **2015**, 197, 615-25	3.5	10
243	Bee venom processes human skin lipids for presentation by CD1a. *Journal of Experimental Medicine*, **2015**, 212, 149-63	16.6	80

242	Interleukin-1 triggers the differentiation of macrophages with enhanced capacity to present mycobacterial antigen to T cells. *Immunology*, **2014**, 141, 174-80	7.8	45
241	Impact of vitamin D on immune function: lessons learned from genome-wide analysis. *Frontiers in Physiology*, **2014**, 5, 151	4.6	215
240	IL-32 is a molecular marker of a host defense network in human tuberculosis. *Science Translational Medicine*, **2014**, 6, 250ra114	17.5	87
239	TB or not TB: that is no longer the question. *Science Translational Medicine*, **2013**, 5, 213sr6	17.5	40
238	CD40 ligand and interferon- induce an antimicrobial response against Mycobacterium tuberculosis in human monocytes. *Immunology*, **2013**, 139, 121-8	7.8	57
237	Propionibacterium acnes strain populations in the human skin microbiome associated with acne. *Journal of Investigative Dermatology*, **2013**, 133, 2152-60	4.3	391
236	Type I interferon suppresses type II interferon-triggered human anti-mycobacterial responses. *Science*, **2013**, 339, 1448-53	33.3	283
235	Antimicrobial and anti-inflammatory activity of chitosan-alginate nanoparticles: a targeted therapy for cutaneous pathogens. *Journal of Investigative Dermatology*, **2013**, 133, 1231-9	4.3	184
234	Galectin-3 regulates the innate immune response of human monocytes. *Journal of Infectious Diseases*, **2013**, 207, 947-56	7	33
233	Cytosolic sensing of extracellular self-DNA transported into monocytes by the antimicrobial peptide LL37. *Blood*, **2012**, 120, 3699-707	2.2	121
232	The helicase DDX41 recognizes the bacterial secondary messengers cyclic di-GMP and cyclic di-AMP to activate a type I interferon immune response. *Nature Immunology*, **2012**, 13, 1155-61	19.1	286
231	On the nature of mycobacteriophage diversity and host preference. *Virology*, **2012**, 434, 187-201	3.6	112
230	Abelson tyrosine kinase controls phagosomal acidification required for killing of Mycobacterium tuberculosis in human macrophages. *Journal of Immunology*, **2012**, 189, 4069-78	5.3	75
229	Propionibacterium acnes bacteriophages display limited genetic diversity and broad killing activity against bacterial skin isolates. *MBio*, **2012**, 3,	7.8	68
228	Viral infection triggers rapid differentiation of human blood monocytes into dendritic cells. *Blood*, **2012**, 119, 3128-31	2.2	59
227	Isolation of a distinct Mycobacterium tuberculosis mannose-capped lipoarabinomannan isoform responsible for recognition by CD1b-restricted T cells. *Glycobiology*, **2012**, 22, 1118-27	5.8	40
226	A review of the Journal of Investigative Dermatology's most cited publications over the past 25 years and the use of developing bibliometric methodologies to assess journal quality. *Journal of Investigative Dermatology*, **2012**, 132, 1050-60	4.3	7
225	Innate immunity: ignored for decades, but not forgotten. *Journal of Investigative Dermatology*, **2012**, 132, 882-6	4.3	24

224	MicroRNA-21 targets the vitamin D-dependent antimicrobial pathway in leprosy. *Nature Medicine*, **2012**, 18, 267-73	50.5	155
223	NOD2 triggers an interleukin-32-dependent human dendritic cell program in leprosy. *Nature Medicine*, **2012**, 18, 555-63	50.5	91
222	Vitamin D and Human Innate Immunity. *Oxidative Stress and Disease*, **2012**, 223-238		1
221	Role of autophagy in the host response to microbial infection and potential for therapy. *Current Opinion in Immunology*, **2011**, 23, 65-70	7.8	41
220	Diversity through phosphine catalysis identifies octahydro-1,6-naphthyridin-4-ones as activators of endothelium-driven immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6769-74	11.5	43
219	Cord blood vitamin D status impacts innate immune responses. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1835-43	5.6	87
218	Vitamin D is required for IFN-gamma-mediated antimicrobial activity of human macrophages. *Science Translational Medicine*, **2011**, 3, 104ra102	17.5	363
217	Structural differences in lipomannans from pathogenic and nonpathogenic mycobacteria that impact CD1b-restricted T cell responses. *Journal of Biological Chemistry*, **2011**, 286, 35438-35446	5.4	25
216	Shedding light on the vitamin D-tuberculosis-HIV connection. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 18861-2	11.5	23
215	Noninvasive in vivo imaging to evaluate immune responses and antimicrobial therapy against Staphylococcus aureus and USA300 MRSA skin infections. *Journal of Investigative Dermatology*, **2011**, 131, 907-15	4.3	55
214	A role for interleukin-5 in promoting increased immunoglobulin M at the site of disease in leprosy. *Immunology*, **2010**, 131, 405-14	7.8	11
213	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. *Cellular Microbiology*, **2010**, 12, 1648-65	3.9	192
212	T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 22593-8	11.5	167
211	IL-17 is essential for host defense against cutaneous Staphylococcus aureus infection in mice. *Journal of Clinical Investigation*, **2010**, 120, 1762-73	15.9	460
210	Integrated pathways for neutrophil recruitment and inflammation in leprosy. *Journal of Infectious Diseases*, **2010**, 201, 558-69	7	48
209	Interleukin-4 regulates the expression of CD209 and subsequent uptake of Mycobacterium leprae by Schwann cells in human leprosy. *Infection and Immunity*, **2010**, 78, 4634-43	3.7	20
208	Vitamin D-binding protein directs monocyte responses to 25-hydroxy- and 1,25-dihydroxyvitamin D. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3368-76	5.6	178
207	Learning from leprosy: insight into the human innate immune response. *Advances in Immunology*, **2010**, 105, 1-24	5.6	43

206	The innate immune response in leprosy. *Current Opinion in Immunology*, **2010**, 22, 48-54	7.8	88
205	Bacterial and Mycobacterial Infections **2010**, 129-148		1
204	Anti-TNF immunotherapy reduces CD8+ T cell-mediated antimicrobial activity against Mycobacterium tuberculosis in humans. *Journal of Clinical Investigation*, **2009**, 119, 1167-77	15.9	226
203	Vitamin d-directed rheostatic regulation of monocyte antibacterial responses. *Journal of Immunology*, **2009**, 182, 4289-95	5.3	280
202	Activation of Fc gamma RI on monocytes triggers differentiation into immature dendritic cells that induce autoreactive T cell responses. *Journal of Immunology*, **2009**, 183, 2349-55	5.3	28
201	Downstream signals for MyD88-mediated phagocytosis of Borrelia burgdorferi can be initiated by TRIF and are dependent on PI3K. *Journal of Immunology*, **2009**, 183, 491-8	5.3	34
200	The vitamin D connection to pediatric infections and immune function. *Pediatric Research*, **2009**, 65, 106R-113R	3.1	158
199	TLR2 looks at lipoproteins. *Immunity*, **2009**, 31, 847-9	32.3	65
198	A vitamin for autophagy. *Cell Host and Microbe*, **2009**, 6, 201-3	23.4	25
197	Divergence of macrophage phagocytic and antimicrobial programs in leprosy. *Cell Host and Microbe* , **2009**, 6, 343-53	23.4	141
196	Convergence of IL-1beta and VDR activation pathways in human TLR2/1-induced antimicrobial responses. *PLoS ONE*, **2009**, 4, e5810	3.7	226
195	"Dermal dendritic cells" comprise two distinct populations: CD1+ dendritic cells and CD209+ macrophages. *Journal of Investigative Dermatology*, **2008**, 128, 2225-31	4.3	101
194	DNA transportation authority. *Nature Medicine*, **2008**, 14, 1319-20	50.5	3
193	Conserved mycobacterial lipoglycoproteins activate TLR2 but also require glycosylation for MHC class II-restricted T cell activation. *Journal of Immunology*, **2008**, 180, 5833-42	5.3	24
192	IL-15 links TLR2/1-induced macrophage differentiation to the vitamin D-dependent antimicrobial pathway. *Journal of Immunology*, **2008**, 181, 7115-20	5.3	170
191	Human macrophage host defense against Mycobacterium tuberculosis. *Current Opinion in Immunology*, **2008**, 20, 371-6	7.8	148
190	Host-derived oxidized phospholipids and HDL regulate innate immunity in human leprosy. *Journal of Clinical Investigation*, **2008**, 118, 2917-28	15.9	127
189	IL-1 is required for TLR-mediated antimicrobial activity. *FASEB Journal*, **2008**, 22, 672.27	0.9	

188	Langerhans cells of human skin are the natural antigen-presenting cells for CD1c antigen presentation. *FASEB Journal*, **2008**, 22, 1068.10	0.9	
187	IL-1beta triggers monocytes to differentiate into CD209+ macrophages. *FASEB Journal*, **2008**, 22, 539-539.9	0.9	
186	Conserved mycobacterial lipoglycoproteins activate TLR2 but also require glycosylation for antigen presentation to T cells. *FASEB Journal*, **2008**, 22, 421-421	0.9	
185	Fc receptor activation triggers monocytes to differentiate into immature dendritic cells that promote autologous T cell response. *FASEB Journal*, **2008**, 22, 468-468	0.9	
184	Cutting edge: vitamin D-mediated human antimicrobial activity against Mycobacterium tuberculosis is dependent on the induction of cathelicidin. *Journal of Immunology*, **2007**, 179, 2060-3	5.3	622
183	Substrate and enzyme trafficking as a means of regulating 1,25-dihydroxyvitamin D synthesis and action: the human innate immune response. *Journal of Bone and Mineral Research*, **2007**, 22 Suppl 2, V20-4	6.3	52
182	Injury enhances TLR2 function and antimicrobial peptide expression through a vitamin D-dependent mechanism. *Journal of Clinical Investigation*, **2007**, 117, 803-11	15.9	494
181	Human keratinocyte Toll-like receptors promote distinct immune responses. *Journal of Investigative Dermatology*, **2007**, 127, 262-3	4.3	65
180	Functional characterization of a T-cell receptor BV6+ T-cell clone derived from a leprosy lesion. *Immunology*, **2007**, 120, 354-61	7.8	4
179	Regulation of human T-cell homing receptor expression in cutaneous bacterial infection. *Immunology*, **2007**, 120, 518-25	7.8	5
178	Activation of human CD4+ T cells by targeting MHC class II epitopes to endosomal compartments using human CD1 tail sequences. *Immunology*, **2007**, 122, 522-31	7.8	14
177	Vitamin D in defense of the human immune response. *Annals of the New York Academy of Sciences*, **2007**, 1117, 94-105	6.5	121
176	Toll-like receptors in the skin. *Seminars in Immunopathology*, **2007**, 29, 15-26	12	112
175	Cathelicidin antimicrobial peptides block dendritic cell TLR4 activation and allergic contact sensitization. *Journal of Immunology*, **2007**, 178, 1829-34	5.3	122
174	LILRA2 activation inhibits dendritic cell differentiation and antigen presentation to T cells. *Journal of Immunology*, **2007**, 179, 8128-36	5.3	39
173	Inflammasome-mediated production of IL-1beta is required for neutrophil recruitment against Staphylococcus aureus in vivo. *Journal of Immunology*, **2007**, 179, 6933-42	5.3	250
172	Angiogenesis in cutaneous lesions of leprosy: implications for treatment. *Archives of Dermatology*, **2007**, 143, 1527-9		10
171	Extra-renal 25-hydroxyvitamin D3-1alpha-hydroxylase in human health and disease. *Journal of Steroid Biochemistry and Molecular Biology*, **2007**, 103, 316-21	5.1	307

170	Ito cells are liver-resident antigen-presenting cells for activating T cell responses. *Immunity*, **2007**, 26, 117-29	32.3	318
169	Therapeutic implications of the TLR and VDR partnership. *Trends in Molecular Medicine*, **2007**, 13, 117-24	11.5	84
168	Expression of CD1d molecules by human schwann cells and potential interactions with immunoregulatory invariant NK T cells. *Journal of Immunology*, **2006**, 177, 5226-35	5.3	33
167	Human dendritic cell expression of HLA-DO is subset specific and regulated by maturation. *Journal of Immunology*, **2006**, 176, 3536-47	5.3	43
166	TLR activation of Langerhans cell-like dendritic cells triggers an antiviral immune response. *Journal of Immunology*, **2006**, 177, 298-305	5.3	105
165	Macrophages acquire neutrophil granules for antimicrobial activity against intracellular pathogens. *Journal of Immunology*, **2006**, 177, 1864-71	5.3	175
164	A role for IRF3-dependent RXRalpha repression in hepatotoxicity associated with viral infections. *Journal of Experimental Medicine*, **2006**, 203, 2589-602	16.6	28
163	Toll-like receptor triggering of a vitamin D-mediated human antimicrobial response. *Science*, **2006**, 311, 1770-3	33.3	2845
162	MyD88 mediates neutrophil recruitment initiated by IL-1R but not TLR2 activation in immunity against Staphylococcus aureus. *Immunity*, **2006**, 24, 79-91	32.3	273
161	Cutting edge: all-trans retinoic acid down-regulates TLR2 expression and function. *Journal of Immunology*, **2005**, 174, 2467-70	5.3	140
160	TLR activation triggers the rapid differentiation of monocytes into macrophages and dendritic cells. *Nature Medicine*, **2005**, 11, 653-60	50.5	320
159	The role of toll-like receptors in the pathogenesis and treatment of dermatological disease. *Journal of Investigative Dermatology*, **2005**, 125, 1-8	4.3	145
158	Breaking tolerance--another piece added to the vitiligo puzzle. *Journal of Investigative Dermatology* , **2005**, 124, xiii-xv	4.3	8
157	Granulysin-derived peptides demonstrate antimicrobial and anti-inflammatory effects against Propionibacterium acnes. *Journal of Investigative Dermatology*, **2005**, 125, 256-63	4.3	55
156	TGF-alpha regulates TLR expression and function on epidermal keratinocytes. *Journal of Immunology*, **2005**, 174, 6137-43	5.3	132
155	Immunology. Now presenting: gammadelta T cells. *Science*, **2005**, 309, 252-3	33.3	16
154	The human CD1-restricted T cell repertoire is limited to cross-reactive antigens: implications for host responses against immunologically related pathogens. *Journal of Immunology*, **2005**, 174, 2637-44	5.3	16
153	Coordinate expression of CC chemokine ligand 5, granulysin, and perforin in CD8+ T cells provides a host defense mechanism against Mycobacterium tuberculosis. *Journal of Immunology*, **2005**, 175, 7474-83	5.3	72

152	Truncated structural variants of lipoarabinomannan in Mycobacterium leprae and an ethambutol-resistant strain of Mycobacterium tuberculosis. *Journal of Biological Chemistry*, **2004**, 279, 41227-39	5.4	59
151	Saposin C is required for lipid presentation by human CD1b. *Nature Immunology*, **2004**, 5, 169-74	19.1	147
150	Toll-like receptors induce a phagocytic gene program through p38. *Journal of Experimental Medicine*, **2004**, 199, 81-90	16.6	322
149	The role of Toll-like receptors in combating mycobacteria. *Seminars in Immunology*, **2004**, 16, 35-41	10.7	122
148	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. *Journal of Clinical Investigation*, **2004**, 113, 701-8	15.9	104
147	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. *Journal of Clinical Investigation*, **2004**, 113, 701-708	15.9	204
146	Endosomal Targeting Sequences from Non-Classical Antigen Presenting Molecules Can Direct Antigens into the MIIC and Other Antigen Processing Compartments.. *Blood*, **2004**, 104, 1357-1357	2.2	
145	Expression of Toll-like receptor 2 on human Schwann cells: a mechanism of nerve damage in leprosy. *Infection and Immunity*, **2003**, 71, 1427-33	3.7	129
144	Human NKT cells express granulysin and exhibit antimycobacterial activity. *Journal of Immunology*, **2003**, 170, 3154-61	5.3	146
143	A role for triggering receptor expressed on myeloid cells-1 in host defense during the early-induced and adaptive phases of the immune response. *Journal of Immunology*, **2003**, 170, 3812-8	5.3	273
142	Toll-like receptor 2 ligands as adjuvants for human Th1 responses. *Journal of Immunology*, **2003**, 170, 194-200	5.3	86
141	CD1 and nonpeptide antigen recognition systems in microbial immunity **2003**, 21-38		
140	Role of toll-like receptors in response to bacterial infection. *Contributions To Microbiology*, **2003**, 10, 149-63		5
139	Host□pathogen interactions. *Current Opinion in Immunology*, **2003**, 15, 393-395	7.8	
138	Distribution of Toll-like receptor 1 and Toll-like receptor 2 in human lymphoid tissue. *Immunology*, **2003**, 108, 10-5	7.8	26
137	Activation and regulation of Toll-like receptors 2 and 1 in human leprosy. *Nature Medicine*, **2003**, 9, 525-32	50.5	269
136	Apoptosis facilitates antigen presentation to T lymphocytes through MHC-I and CD1 in tuberculosis. *Nature Medicine*, **2003**, 9, 1039-46	50.5	414
135	Granulysin crystal structure and a structure-derived lytic mechanism. *Journal of Molecular Biology*, **2003**, 325, 355-65	6.5	131

134	Specific phospholipid oxidation products inhibit ligand activation of toll-like receptors 4 and 2. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1197-203	9.4	173
133	Use of genetic profiling in leprosy to discriminate clinical forms of the disease. *Science*, **2003**, 301, 1527-30	33.3	136
132	PIASx is a transcriptional co-repressor of signal transducer and activator of transcription 4. *Journal of Biological Chemistry*, **2003**, 278, 21327-30	5.4	89
131	Activation of Toll-like receptor 2 on human tracheobronchial epithelial cells induces the antimicrobial peptide human beta defensin-2. *Journal of Immunology*, **2003**, 171, 6820-6	5.3	242
130	Control of Mycobacterium tuberculosis through mammalian Toll-like receptors. *Current Opinion in Immunology*, **2002**, 14, 452-7	7.8	98
129	Activation of toll-like receptor 2 in acne triggers inflammatory cytokine responses. *Journal of Immunology*, **2002**, 169, 1535-41	5.3	470
128	Learning from leprosy: insights into contemporary immunology from an ancient disease. *Skin Pharmacology and Physiology*, **2002**, 15, 1-6	3	11
127	IRF3 mediates a TLR3/TLR4-specific antiviral gene program. *Immunity*, **2002**, 17, 251-63	32.3	715
126	Toll-like receptors: mammalian "taste receptors" for a smorgasbord of microbial invaders. *Current Opinion in Microbiology*, **2002**, 5, 70-5	7.9	72
125	Mammalian toll-like receptors. *Annals of Allergy, Asthma and Immunology*, **2002**, 88, 543-7; quiz 548-50, 583	3.2	55
124	Cutting edge: role of Toll-like receptor 1 in mediating immune response to microbial lipoproteins. *Journal of Immunology*, **2002**, 169, 10-4	5.3	1071
123	The role of Toll-like receptors in host defense against microbial infection. *Current Opinion in Immunology*, **2001**, 13, 104-8	7.8	109
122	T-cell release of granulysin contributes to host defense in leprosy. *Nature Medicine*, **2001**, 7, 174-9	50.5	141
121	The APand FPpockets of human CD1b are both required for optimal presentation of lipid antigens to T cells. *Journal of Immunology*, **2001**, 166, 2562-70	5.3	20
120	A role for IL-12 receptor expression and signal transduction in host defense in leprosy. *Journal of Immunology*, **2001**, 167, 779-86	5.3	37
119	Signaling lymphocytic activation molecule expression and regulation in human intracellular infection correlate with Th1 cytokine patterns. *Journal of Immunology*, **2001**, 167, 5719-24	5.3	22
118	Microbial lipopeptides stimulate dendritic cell maturation via Toll-like receptor 2. *Journal of Immunology*, **2001**, 166, 2444-50	5.3	302
117	Immunology. Chip shots--will functional genomics get functional?. *Science*, **2001**, 294, 799-801	33.3	7

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