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## The Toll-receptor family and control of innate immunity

DOI: 10.1016/s0952-7915(99)80003-x  
Current Opinion in Immunology, 1999, 11, 13-8.

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579	Lipopolysaccharide-binding protein. <b>2000</b> , 74, 42-60		71
578	The NF-kappa B activation pathway: a paradigm in information transfer from membrane to nucleus. <i>Science Signaling</i> , <b>1999</b> , 1999, RE1	8.8	295
577	p38-dependent activation of interferon regulatory factor 3 by lipopolysaccharide. <b>1999</b> , 274, 35535-8		98
576	The role of dendritic cells in the induction and regulation of immunity to microbial infection. <i>Current Opinion in Immunology</i> , <b>1999</b> , 11, 392-9	7.8	243
575	Th1/Th2 balance in infection. <b>1999</b> , 21, 317-38		93
574	Receptors for innate pathogen defence in insects are normal activation receptors for specific immune responses in mammals. <b>1999</b> , 50, 341-7		12
573	A new member of the IL-1 receptor family highly expressed in hippocampus and involved in X-linked mental retardation. <b>1999</b> , 23, 25-31		208
572	B-cell malignancies as a model for cancer vaccines: from prototype protein to next generation genetic chemokine fusions. <b>1999</b> , 170, 115-26		20
571	Lipoproteins take their toll on the host. <b>1999</b> , 9, R879-82		119
570	Differential roles of TLR2 and TLR4 in recognition of gram-negative and gram-positive bacterial cell wall components. <b>1999</b> , 11, 443-51		2719
569	Phylogenetic perspectives in innate immunity. <b>1999</b> , 284, 1313-8		2078
568	Oyster IKK-like protein shares structural and functional properties with its mammalian homologues. <b>1999</b> , 453, 293-8		51
567	IL1HY1: A novel interleukin-1 receptor antagonist gene. <b>1999</b> , 263, 702-6		74
566	Toll receptors: an expanding role in our understanding of human disease. <b>2000</b> , 67, 767-773		70
565	Probiotic immunomodulation in health and disease. <b>2000</b> , 130, 403S-409S		222
564	ATF and Jun transcription factors, acting through an Ets/CRE promoter module, mediate lipopolysaccharide inducibility of the chemokine RANTES in monocytic Mono Mac 6 cells. <b>2000</b> , 30, 1102-12		55
563	Expression of MHC class II molecules contributes to lipopolysaccharide responsiveness. <b>2000</b> , 30, 3140-6		47

562	Bacterial CpG-DNA activates dendritic cells in vivo: T helper cell-independent cytotoxic T cell responses to soluble proteins. <b>2000</b> , 30, 3591-7	154
561	Evaluation of CD14 in host defence. <b>2000</b> , 30, 167-79	103
560	Toll-like receptors: molecular mechanisms of the mammalian immune response. <b>2000</b> , 101, 1-10	107
559	Elucidating the molecular mechanisms of bacterial virulence using non-mammalian hosts. <b>2000</b> , 37, 981-8	156
558	Innate immune recognition: mechanisms and pathways. <b>2000</b> , 173, 89-97	1067
557	Development of the antibody repertoire in rabbit: gut-associated lymphoid tissue, microbes, and selection. <b>2000</b> , 175, 214-228	60
556	Toll-like receptor 2-mediated NF-kappa B activation requires a Rac1-dependent pathway. <b>2000</b> , 1, 533-40	564
555	Structural basis for signal transduction by the Toll/interleukin-1 receptor domains. <b>2000</b> , 408, 111-5	613
554	Structural basis for the activation of 20S proteasomes by 11S regulators. <b>2000</b> , 408, 115-20	423
553	Genes that fight infection: what the Drosophila genome says about animal immunity. <b>2000</b> , 16, 442-9	132
552	Lipophosphopeptidoglycan of Entamoeba histolytica induces an antiinflammatory innate immune response and downregulation of toll-like receptor 2 (TLR-2) gene expression in human monocytes. <b>2000</b> , 31, S71-3	24
551	Vasoactive intestinal peptide (VIP) inhibits TGF-beta1 production in murine macrophages. <b>2000</b> , 107, 88-99	27
550	NF-kappa B regulates the LPS-induced expression of interleukin 12 p40 in murine peritoneal macrophages: roles of PKC, PKA, ERK, p38 MAPK, and proteasome. <b>2000</b> , 204, 38-45	45
549	The apoptotic signaling pathway activated by Toll-like receptor-2. <b>2000</b> , 19, 3325-36	385
548	Molecular mechanisms of innate immunity. <b>2000</b> , 21, 49-54	60
547	Phosphorylation meets ubiquitination: the control of NF-[kappa]B activity. <b>2000</b> , 18, 621-63	3979
546	Expression of SpC3, the sea urchin complement component, in response to lipopolysaccharide. <b>2000</b> , 51, 1021-33	57
545	Independent evolution of Toll and related genes in insects and mammals. <b>2000</b> , 51, 92-8	69

544	Fundamental Concepts in Symbiotic Interactions: Light and Dark, Day and Night, Squid and Legume. <b>2000</b> , 19, 113-130	18
543	Increased expression of matrix metalloproteinase-9 in neutrophils in glycogen-induced peritoneal inflammation of guinea pigs. <b>2000</b> , 49, 55-62	36
542	Large-scale culture and selective maturation of human Langerhans cells from granulocyte colony-stimulating factor-mobilized CD34+ progenitors. <b>2000</b> , 164, 3600-7	95
541	Regulation of toll-like receptor 2 expression by macrophages following Mycobacterium avium infection. <b>2000</b> , 165, 6308-13	89
540	Intracellular growth of Legionella pneumophila in Dictyostelium discoideum, a system for genetic analysis of host-pathogen interactions. <b>2000</b> , 68, 2939-47	189
539	Involvement of lipopolysaccharide binding protein, CD14, and Toll-like receptors in the initiation of innate immune responses by Treponema glycolipids. <b>2000</b> , 165, 2683-93	127
538	Lipopolysaccharide activates distinct signaling pathways in intestinal epithelial cell lines expressing Toll-like receptors. <b>2000</b> , 164, 966-72	634
537	Regulation of the RON receptor tyrosine kinase expression in macrophages: blocking the RON gene transcription by endotoxin-induced nitric oxide. <b>2000</b> , 164, 3815-21	18
536	Cellular events mediated by lipopolysaccharide-stimulated toll-like receptor 4. MD-2 is required for activation of mitogen-activated protein kinases and Elk-1. <b>2000</b> , 275, 20861-6	207
535	Toll-like receptor 4-deficient mice have reduced bone destruction following mixed anaerobic infection. <b>2000</b> , 68, 4681-7	87
534	An induced proximity model for NF-kappa B activation in the Nod1/RICK and RIP signaling pathways. <b>2000</b> , 275, 27823-31	429
533	Molecular cloning and characterization of SRAM, a novel insect rel/ankyrin-family protein present in nuclei. <b>2000</b> , 127, 1127-34	10
532	Genetic susceptibility to ozone-induced lung hyperpermeability: role of toll-like receptor 4. <b>2000</b> , 22, 620-7	140
531	Examination of chlorpromazine and other amphipathic drugs on the activity of lipopolysaccharide antagonists, E5564 and E5531. <b>2000</b> , 6, 447-452	
530	Contribution of cyclopentenone prostaglandins to the resolution of inflammation through the potentiation of apoptosis in activated macrophages. <b>2000</b> , 165, 6525-31	109
529	Pharmacological treatment of septic shock. <b>2000</b> , 10, 601-622	6
528	Anti-interleukin 10 receptor monoclonal antibody is an adjuvant for T helper cell type 1 responses to soluble antigen only in the presence of lipopolysaccharide. <b>2000</b> , 192, 1529-34	48
527	PU.1 and interferon consensus sequence-binding protein regulate the myeloid expression of the human Toll-like receptor 4 gene. <b>2000</b> , 275, 9773-81	188

526	Cytokines and prevention of infectious diseases in poultry: a review. <b>2000</b> , 29, 395-404	23
525	IFN-alpha and IL-12 induce IL-18 receptor gene expression in human NK and T cells. <b>2000</b> , 165, 1933-8	140
524	Intestinal microflora and diversification of the rabbit antibody repertoire. <b>2000</b> , 165, 2012-9	79
523	Toll-like receptors confer responsiveness to lipopolysaccharide from <i>Porphyromonas gingivalis</i> in human gingival fibroblasts. <b>2000</b> , 68, 3731-5	119
522	Mouse toll-like receptor 4.MD-2 complex mediates lipopolysaccharide-mimetic signal transduction by Taxol. <b>2000</b> , 275, 2251-4	263
521	Effects of CTx and 8-bromo-cAMP on LPS-induced gene expression of cytokines in murine peritoneal macrophages. <b>2000</b> , 269, 570-3	24
520	Toll-like receptor 4-mediated signal pathway induced by <i>Porphyromonas gingivalis</i> lipopolysaccharide in human gingival fibroblasts. <b>2000</b> , 273, 1161-7	91
519	Developmental biology in marine invertebrate symbioses. <b>2000</b> , 3, 603-7	35
518	Signaling mechanisms in the antimicrobial host defense of <i>Drosophila</i> . <b>2000</b> , 3, 16-22	175
517	Vagal immune-to-brain communication: a visceral chemosensory pathway. <b>2000</b> , 85, 49-59	375
516	Recognition and regulation of metalloproteinase activity in the haemolymph of <i>Galleria mellonella</i> : a new pathway mediating induction of humoral immune responses. <b>2000</b> , 30, 461-72	44
515	Plants and animals share functionally common bacterial virulence factors. <b>2000</b> , 97, 8815-21	332
514	NF-kappaB/rel/IkappaB: implications in gastrointestinal diseases. <b>2000</b> , 118, 1208-28	128
513	The Toll/IL-1 receptor binding protein MyD88 is required for <i>Xenopus</i> axis formation. <b>2000</b> , 97, 85-92	35
512	Signaling of immune system cells by glycosylphosphatidylinositol (GPI) anchor and related structures derived from parasitic protozoa. <b>2000</b> , 3, 395-403	84
511	Epithelial antimicrobial peptides in host defense against infection. <b>2000</b> , 1, 141-50	351
510	Cell fate decision: T-helper 1 and 2 subsets in immune responses. <b>2000</b> , 2, 179-188	98
509	Invasive <i>Shigella flexneri</i> activates NF-kappa B through a lipopolysaccharide-dependent innate intracellular response and leads to IL-8 expression in epithelial cells. <b>2000</b> , 165, 903-14	216

508	Molecular mechanisms of NF- $\kappa$ B activation induced by bacterial lipopolysaccharide through Toll-like receptors. <b>2000</b> , 6, 453-457	20
507	Cutting edge: TLR2-deficient and MyD88-deficient mice are highly susceptible to Staphylococcus aureus infection. <b>2000</b> , 165, 5392-6	897
506	Dendritic cells discriminate between yeasts and hyphae of the fungus Candida albicans. Implications for initiation of T helper cell immunity in vitro and in vivo. <b>2000</b> , 191, 1661-74	435
505	Cutting edge: heat shock protein 60 is a putative endogenous ligand of the toll-like receptor-4 complex. <b>2000</b> , 164, 558-61	1373
504	Antigens: Thymus Independent. <b>2001</b> ,	
503	Blunting airway eosinophilic inflammation results in a decreased airway neutrophil response to inhaled LPS in patients with atopic asthma: a role for CD14. <b>2001</b> , 108, 577-80	38
502	Bacterial fimbriae and their peptides activate human gingival epithelial cells through Toll-like receptor 2. <b>2001</b> , 69, 7387-95	154
501	Protective role of infections and vaccinations on autoimmune diseases. <b>2001</b> , 16, 347-53	73
500	Invited review: Bacterial lipopolysaccharides and innate immunity. <b>2001</b> , 7, 167-202	123
499	Dendritic cell subsets and costimulation for effector T-cell responses. <b>2001</b> , 1, 409-16	9
498	Dendritic-cell function in Toll-like receptor- and MyD88-knockout mice. <b>2001</b> , 22, 78-83	314
497	Drosophila immunity: two paths to NF-kappaB. <b>2001</b> , 22, 260-4	132
496	Biophysical characterization of lipopolysaccharide and lipid A inactivation by lactoferrin. <b>2001</b> , 382, 1215-25	99
495	Modification of lipid A biosynthesis in Neisseria meningitidis lpxL mutants: influence on lipopolysaccharide structure, toxicity, and adjuvant activity. <b>2001</b> , 69, 5981-90	176
494	In vivo expression of proinflammatory mediators in the adult heart after endotoxin administration: the role of toll-like receptor-4. <b>2001</b> , 183, 1617-24	184
493	Activation of Toll-like receptor-2 by glycosylphosphatidylinositol anchors from a protozoan parasite. <b>2001</b> , 167, 416-23	459
492	Toll-like receptor-4 is expressed by macrophages in murine and human lipid-rich atherosclerotic plaques and upregulated by oxidized LDL. <b>2001</b> , 104, 3103-8	535
491	Toll-like receptor 4 mediates ozone-induced murine lung hyperpermeability via inducible nitric oxide synthase. <b>2001</b> , 280, L326-33	80

490	Engraftment of islets obtained by collagenase and Liberase in diabetic rats: a comparative study. <b>2001</b> , 23, 406-13		20
489	Fruit Fly Immunity. <b>2001</b> , 51, 529		17
488	[Nuclear factor kappa B (NF-kappa B). I. Function and regulation]. <b>2001</b> , 52, 677-85		6
487	Mapping of the chicken and mouse genes for toll-like receptor 2 (TLR2) to an evolutionarily conserved chromosomal segment. <b>2001</b> , 52, 294-8		42
486	Wolbachia bacteria in filarial immunity and disease. <b>2001</b> , 23, 401-9		82
485	Sirolimus interferes with the innate response to bacterial products in human whole blood by attenuation of IL-10 production. <b>2001</b> , 53, 184-91		34
484	Interaction of hemoglobin with enterobacterial lipopolysaccharide and lipid A. Physicochemical characterization and biological activity. <b>2001</b> , 268, 4233-42		42
483	Innate immune responses of epithelial cells following infection with bacterial pathogens. <i>Current Opinion in Immunology</i> , <b>2001</b> , 13, 410-6	7.8	122
482	The Toll receptor family. <b>2001</b> , 56, 103-8		20
481	Bacterial endotoxin sensitizes the immature brain to hypoxic--ischaemic injury. <b>2001</b> , 13, 1101-6		340
480	Immune protection against septic peritonitis in endotoxin-primed mice is related to reduced neutrophil apoptosis. <b>2001</b> , 31, 1268-77		49
479	TIRAP: an adapter molecule in the Toll signaling pathway. <b>2001</b> , 2, 835-41		809
478	Recognition of double-stranded RNA and activation of NF-kappaB by Toll-like receptor 3. <b>2001</b> , 413, 732-8		4755
477	A reverse genetic analysis of components of the Toll signaling pathway in <i>Caenorhabditis elegans</i> . <b>2001</b> , 11, 809-21		328
476	Toll receptors in innate immunity. <b>2001</b> , 11, 304-11		346
475	Molecular and in silico characterization of a promoter module and C/EBP element that mediate LPS-induced RANTES/CCL5 expression in monocytic cells. <b>2001</b> , 15, 577-9		45
474	A constitutive cytoprotective pathway protects endothelial cells from lipopolysaccharide-induced apoptosis. <b>2001</b> , 276, 14924-32		94
473	Critical roles of TRAF2 and TRAF5 in tumor necrosis factor-induced NF-kappa B activation and protection from cell death. <b>2001</b> , 276, 36530-4		250

472	Activation of inducible nitric oxide synthase/nitric oxide by curli fibers leads to a fall in blood pressure during systemic Escherichia coli infection in mice. <b>2001</b> , 183, 612-9	67
471	In vivo CD40-CD154 (CD40 ligand) interaction induces integrated HIV expression by APC in an HIV-1-transgenic mouse model. <b>2001</b> , 166, 3210-7	18
470	Involvement of TLR4/MD-2 complex in species-specific lipopolysaccharide-mimetic signal transduction by Taxol. <b>2001</b> , 7, 232-236	22
469	Ontogeny of Toll-like receptors Tlr2 and Tlr4 in mice. <b>2001</b> , 49, 81-3	112
468	Host immune reactivity and antifungal chemotherapy: the power of being together. <b>2001</b> , 13, 347-53	9
467	Evidence for an innate immune response in the immature human intestine: toll-like receptors on fetal enterocytes. <b>2001</b> , 49, 589-93	165
466	Early response cytokines and innate immunity: essential roles for TNF receptor 1 and type I IL-1 receptor during Escherichia coli pneumonia in mice. <b>2001</b> , 166, 4042-8	100
465	The Src-protein tyrosine kinase Lck is required for IL-1-mediated costimulatory signaling in Th2 cells. <b>2001</b> , 167, 6827-33	20
464	Toll-like receptor 2 (TLR2) and TLR4 differentially activate human dendritic cells. <b>2001</b> , 276, 37692-9	497
463	Direct phosphorylation of NF-kappaB1 p105 by the IkappaB kinase complex on serine 927 is essential for signal-induced p105 proteolysis. <b>2001</b> , 276, 22215-22	112
462	Protective roles of mast cells against enterobacterial infection are mediated by Toll-like receptor 4. <b>2001</b> , 167, 2250-6	308
461	Suppressors of cytokine signaling (SOCS)-1 and SOCS-3 are induced by CpG-DNA and modulate cytokine responses in APCs. <b>2001</b> , 166, 7082-9	207
460	Bacterial lipopolysaccharide activates HIV long terminal repeat through Toll-like receptor 4. <b>2001</b> , 166, 2342-7	59
459	CD11b/CD18 acts in concert with CD14 and Toll-like receptor (TLR) 4 to elicit full lipopolysaccharide and taxol-inducible gene expression. <b>2001</b> , 166, 574-81	329
458	Cooperation of Toll-like receptor 2 and 6 for cellular activation by soluble tuberculosis factor and Borrelia burgdorferi outer surface protein A lipoprotein: role of Toll-interacting protein and IL-1 receptor signaling molecules in Toll-like receptor 2 signaling. <b>2001</b> , 167, 987-94	342
457	Regulation of Toll-like receptors in human monocytes and dendritic cells. <b>2001</b> , 166, 249-55	492
456	Cutting edge: functional interactions between toll-like receptor (TLR) 2 and TLR1 or TLR6 in response to phenol-soluble modulin. <b>2001</b> , 166, 15-9	407
455	Mannosylated lipoarabinomannans inhibit IL-12 production by human dendritic cells: evidence for a negative signal delivered through the mannose receptor. <b>2001</b> , 166, 7477-85	350



454	A novel pathway regulating lipopolysaccharide-induced shock by ST2/T1 via inhibition of Toll-like receptor 4 expression. <b>2001</b> , 166, 6633-9	220
453	Discrimination of bacterial lipoproteins by Toll-like receptor 6. <b>2001</b> , 13, 933-40	1012
452	Lipopolysaccharide-induced activation of beta2-integrin function in macrophages requires Irak kinase activity, p38 mitogen- activated protein kinase, and the Rap1 GTPase. <b>2001</b> , 21, 438-48	80
451	Chloroquine antagonizes the proinflammatory cytokine response to opportunistic fungi by alkalinizing the fungal phagolysosome. <b>2001</b> , 183, 935-42	16
450	Invited review: Lipopolysaccharide recognition, internalisation, signalling and other cellular effects. <b>2001</b> , 7, 335-348	4
449	Synergistic effect of muramyl dipeptide with lipopolysaccharide or lipoteichoic acid to induce inflammatory cytokines in human monocytic cells in culture. <b>2001</b> , 69, 2045-53	178
448	Peptidoglycan and lipoteichoic acid modify monocyte phenotype in human whole blood. <b>2001</b> , 8, 515-21	21
447	Cathelicidin family of antibacterial peptides CAP18 and CAP11 inhibit the expression of TNF-alpha by blocking the binding of LPS to CD14(+) cells. <b>2001</b> , 167, 3329-38	226
446	Surfactant Protein A: regulation of innate and adaptive immune responses in lung inflammation. <b>2001</b> , 24, 513-7	54
445	Immunostimulating effects of acidic polysaccharides extract of Panax ginseng on macrophage function. <b>2002</b> , 24, 469-82	136
444	Murine retroviruses activate B cells via interaction with toll-like receptor 4. <b>2002</b> , 99, 2281-6	338
443	Augmentation of the lipopolysaccharide-neutralizing activities of human cathelicidin CAP18/LL-37-derived antimicrobial peptides by replacement with hydrophobic and cationic amino acid residues. <b>2002</b> , 9, 972-82	59
442	Divergence of bacterial lipopolysaccharide pro-apoptotic signaling downstream of IRAK-1. <b>2002</b> , 277, 8048-53	54
441	IL-1 receptor-associated kinase and low molecular weight GTPase RhoA signal molecules are required for bacterial lipopolysaccharide-induced cytokine gene transcription. <b>2002</b> , 169, 3934-9	50
440	Induction of bacterial lipoprotein tolerance is associated with suppression of toll-like receptor 2 expression. <b>2002</b> , 277, 36068-75	85
439	Chlamydial heat shock protein 60 activates macrophages and endothelial cells through Toll-like receptor 4 and MD2 in a MyD88-dependent pathway. <b>2002</b> , 168, 1435-40	346
438	Cutting edge: myeloid differentiation factor 88 deficiency improves resistance against sepsis caused by polymicrobial infection. <b>2002</b> , 169, 2823-7	126
437	Th2 cytokine production from mast cells is directly induced by lipopolysaccharide and distinctly regulated by c-Jun N-terminal kinase and p38 pathways. <b>2002</b> , 169, 3801-10	148

436	Patterns of positive selection in the complete NBS-LRR gene family of <i>Arabidopsis thaliana</i> . <b>2002</b> , 12, 1305-15	231
435	Toll-like receptor 4 mediates innate immune responses to <i>Haemophilus influenzae</i> infection in mouse lung. <b>2002</b> , 168, 810-5	173
434	Macrophage effector functions controlled by Bruton's tyrosine kinase are more crucial than the cytokine balance of T cell responses for microfilarial clearance. <b>2002</b> , 168, 2914-21	89
433	<i>Porphyromonas gingivalis</i> lipopolysaccharide is both agonist and antagonist for p38 mitogen-activated protein kinase activation. <b>2002</b> , 70, 1867-73	82
432	<i>Streptococcus-zebrafish</i> model of bacterial pathogenesis. <b>2002</b> , 70, 3904-14	259
431	Host-pathogen interactions: subversion and utilization of the NF-kappa B pathway during infection. <b>2002</b> , 70, 3311-7	154
430	Modulation of an interleukin-12 and gamma interferon synergistic feedback regulatory cycle of T-cell and monocyte cocultures by <i>Porphyromonas gingivalis</i> lipopolysaccharide in the absence or presence of cysteine proteinases. <b>2002</b> , 70, 5695-705	26
429	Involvement of MyD88 in Host Defense and the Down-Regulation of Anti-Heat Shock Protein 70 Autoantibody Formation by MyD88 in <i>Toxoplasma gondii</i> -Infected Mice. <b>2002</b> , 88, 1017	3
428	Endotoxin induces respiratory failure and increases surfactant turnover and respiration independent of alveolocapillary injury in rats. <b>2002</b> , 165, 1516-25	32
427	White matter injury after repeated endotoxin exposure in the preterm ovine fetus. <b>2002</b> , 52, 941-9	194
426	IL-1 regulates cytoskeletal organization in osteoclasts via TNF receptor-associated factor 6/c-Src complex. <b>2002</b> , 168, 5103-9	56
425	Colony-stimulating factor-1 suppresses responses to CpG DNA and expression of toll-like receptor 9 but enhances responses to lipopolysaccharide in murine macrophages. <b>2002</b> , 168, 392-9	85
424	<i>Porphyromonas gingivalis</i> lipopolysaccharide displays functionally diverse interactions with the innate host defense system. <b>2002</b> , 7, 29-37	54
423	Involvement of MyD88 in host defense and the down-regulation of anti-heat shock protein 70 autoantibody formation by MyD88 in <i>Toxoplasma gondii</i> -infected mice. <b>2002</b> , 88, 1017-9	29
422	Cloning and characterization of the homolog of mammalian lipopolysaccharide-binding protein and bactericidal permeability-increasing protein in rainbow trout <i>Oncorhynchus mykiss</i> . <b>2002</b> , 168, 5638-44	50
421	p38 MAPK-mediated transcriptional activation of inducible nitric-oxide synthase in glial cells. Roles of nuclear factors, nuclear factor kappa B, cAMP response element-binding protein, CCAAT/enhancer-binding protein-beta, and activating transcription factor-2. <b>2002</b> , 277, 29584-92	144
420	Differential cytokine response in host defence mechanisms triggered by gram-negative and gram-positive bacteria, and the roles of gabexate mesilate, a synthetic protease inhibitor. <b>2002</b> , 30, 99-108	16
419	Novel signal transduction pathway utilized by extracellular HSP70: role of toll-like receptor (TLR) 2 and TLR4. <b>2002</b> , 277, 15028-34	1202

418	Activation of the lipopolysaccharide signaling pathway in hepatic transplantation preservation injury. <b>2002</b> , 74, 7-13	61
417	Analysis of robust innate immune response after transplantation in the absence of adaptive immunity. <b>2002</b> , 73, 853-61	69
416	Perinatal brain injury in the preterm and term newborn. <b>2002</b> , 15, 151-7	223
415	A signaling pathway by a new synthetic lipid A analog, ONO-4007, in RAW264.7 cells. <b>2002</b> , 13, 1069-75	1
414	Development of the intestinal mucosal barrier. <b>2002</b> , 34 Suppl 1, S33-9	57
413	Functional analyses of the Pto resistance gene family in tomato and the identification of a minor resistance determinant in a susceptible haplotype. <b>2002</b> , 15, 281-91	62
412	Bacterial lipopolysaccharide induces mRNA expression of an IkappaB MAIL through toll-like receptor 4. <b>2002</b> , 64, 419-22	19
411	Nitric oxide and resolution of inflammation. <i>Methods in Enzymology</i> , <b>2002</b> , 359, 459-65	1.7 13
410	The neuropathological and behavioral consequences of intraspinal microglial/macrophage activation. <b>2002</b> , 61, 623-33	249
409	Toll receptors: a central element in innate immune responses. <b>2002</b> , 70, 1033-41	167
408	Lymphotoxin beta receptor induces interleukin 8 gene expression via NF-kappaB and AP-1 activation. <b>2002</b> , 278, 166-74	62
407	Toll-like receptor 4 polymorphisms and atherogenesis. <b>2002</b> , 347, 185-92	912
406	Zinc and Manduca sexta hemocyte functions. <b>2002</b> , 2, 1-9	10
405	The lipopolysaccharide and beta-1,3-glucan binding protein gene is upregulated in white spot virus-infected shrimp ( <i>Penaeus stylirostris</i> ). <b>2002</b> , 76, 7140-9	164
404	24 Methods for studying bacteria-induced host cell death. <b>2002</b> , 31, 439-460	1
403	Missing pieces in the NF-kappaB puzzle. <b>2002</b> , 109 Suppl, S81-96	3078
402	TIRAP mediates endotoxin-induced NF-kappaB activation and apoptosis in endothelial cells. <b>2002</b> , 295, 157-62	37
401	A mouse model of inflammatory root resorption induced by pulpal infection. <b>2002</b> , 93, 461-8	22

400	IRF3 mediates a TLR3/TLR4-specific antiviral gene program. <b>2002</b> , 17, 251-63	715
399	Stress and the inflammatory response: a review of neurogenic inflammation. <b>2002</b> , 16, 622-53	692
398	Flagellin perception: a paradigm for innate immunity. <b>2002</b> , 7, 251-6	432
397	Activation of carp leukocytes by a galactose-binding protein from <i>Aphanomyces piscicida</i> . <i>Developmental and Comparative Immunology</i> , <b>2002</b> , 26, 461-9	3.2 9
396	Innate immunity and its role against infections. <b>2002</b> , 88, 253-64; quiz 265-6, 318	78
395	Polymorphisms of TLR4: Rapid Genotyping and Reduced Response to Lipopolysaccharide of TLR4 Mutant Alleles. <b>2002</b> , 48, 1661-1667	93
394	Zinc and <i>Manduca sexta</i> hemocyte functions. <b>2002</b> , 2, 6	15
393	Vaccinology for control of apicomplexan parasites: a simplified language of immune programming and its use in vaccine design. <b>2002</b> , 32, 509-15	19
392	Activation of a Src-dependent Raf-MEK1/2-ERK signaling pathway is required for IL-1alpha-induced upregulation of beta-defensin 2 in human middle ear epithelial cells. <b>2002</b> , 1590, 41-51	72
391	CD40 ligand and lipopolysaccharide enhance the in vitro generation of melanoma-reactive T-cells. <b>2002</b> , 259, 181-90	6
390	Bacterial fimbriae activate human peripheral blood monocytes utilizing TLR2, CD14 and CD11a/CD18 as cellular receptors. <b>2002</b> , 32, 2543-50	85
389	Models of white matter injury: comparison of infectious, hypoxic-ischemic, and excitotoxic insults. <b>2002</b> , 8, 30-8	354
388	Abrogated lymphocyte infiltration and lowered CD14 in dextran sulfate induced colitis in mice treated with p65 antisense oligonucleotides. <b>2002</b> , 17, 223-32	25
387	What is the 'true' function of skin?. <b>2002</b> , 11, 159-87	187
386	Toll-like receptors: key mediators of microbe detection. <i>Current Opinion in Immunology</i> , <b>2002</b> , 14, 103-107.8	555
385	Genetic approaches to the study of Toll-like receptor function. <b>2002</b> , 4, 887-95	45
384	Structure and activity of glycosylphosphatidylinositol anchors of <i>Plasmodium falciparum</i> . <b>2002</b> , 4, 983-90	23
383	Mycobacterial lipoarabinomannans: modulators of dendritic cell function and the apoptotic response. <b>2002</b> , 4, 945-53	124

382	TLR4-dependent recognition of lipopolysaccharide by epithelial cells requires sCD14. <b>2002</b> , 4, 493-501	76
381	TIR-X and TIR-NBS proteins: two new families related to disease resistance TIR-NBS-LRR proteins encoded in Arabidopsis and other plant genomes. <b>2002</b> , 32, 77-92	201
380	Biophysical characterization of the interaction of high-density lipoprotein (HDL) with endotoxins. <b>2002</b> , 269, 5972-81	54
379	Interactions between the microbiota and the intestinal mucosa. <b>2002</b> , 56 Suppl 3, S60-4	98
378	Constitutive expression and regulation of rat complement factor H in primary cultures of hepatocytes, Kupffer cells, and two hepatoma cell lines. <b>2002</b> , 82, 183-92	12
377	Innate immune recognition. <b>2002</b> , 20, 197-216	5854
376	Actual Problems of Evolutionary Immunology. <b>2002</b> , 38, 562-574	5
375	Interaction between luminal bacteria and innate immunity. <b>2003</b> , 38, 200-1	
374	Toll-like receptor-mediated tyrosine phosphorylation of paxillin via MyD88-dependent and -independent pathways. <b>2003</b> , 33, 740-7	54
373	Porphyromonas gingivalis 67-kDa fimbriae induced cytokine production and osteoclast differentiation utilizing TLR2. <b>2003</b> , 229, 49-55	44
372	Immunohistochemical localization of Toll-like receptors 2 and 4 in gingival tissue from patients with periodontitis. <b>2003</b> , 18, 54-8	100
371	Endotoxic and immunobiological activities of a chemically synthesized lipid A of Helicobacter pylori strain 206-1. <b>2003</b> , 36, 1-7	49
370	Osteoclast differentiation by human osteoblastic cell line SaOS-2 primed with bacterial lipid A. <b>2003</b> , 38, 71-9	11
369	Analysis of differential immune responses induced by innate and adaptive immunity following transplantation. <b>2003</b> , 109, 185-96	31
368	Normal keratinocytes express Toll-like receptors (TLRs) 1, 2 and 5: modulation of TLR expression in chronic plaque psoriasis. <b>2003</b> , 148, 670-9	237
367	Large-scale identification and characterization of human genes that activate NF-kappaB and MAPK signaling pathways. <b>2003</b> , 22, 3307-18	324
366	Structural requirements for TLR4-mediated LPS signalling: a biological role for LPS modifications. <b>2003</b> , 5, 1057-63	109
365	The role of innate immunity in the pathogenesis of acne. <b>2003</b> , 206, 96-105	112

364	The cellular basis of bacterial infection. <b>2003</b> , 15, 1-11	8
363	Immunomodulation et sepsis l'impact de l'agent pathogène. <b>2003</b> , 12, 182-191	
362	TLR4 gene variants modify endotoxin effects on asthma. <b>2003</b> , 112, 323-30	145
361	The invasive phenotype of <i>Shigella flexneri</i> directs a distinct gene expression pattern in the human intestinal epithelial cell line Caco-2. <b>2003</b> , 278, 33878-86	67
360	The synergistic effect of peptidoglycan and lipopolysaccharide on osteoclast formation. <b>2003</b> , 96, 738-43	22
359	Genetic aspects of susceptibility to air pollution. <b>2003</b> , 40, 52s-56s	34
358	Ozone-induced disruptions of lung transcriptomes. <b>2003</b> , 305, 719-28	28
357	Acute ethanol administration profoundly alters poly I:C-induced cytokine expression in mice by a mechanism that is not dependent on corticosterone. <b>2003</b> , 72, 1825-39	43
356	TLR-induced negative regulatory circuits: role of suppressor of cytokine signaling (SOCS) proteins in innate immunity. <b>2003</b> , 21 Suppl 2, S61-7	25
355	Allograft injury mediated by reactive oxygen species: from conserved proteins of <i>Drosophila</i> to acute and chronic rejection of human transplants. Part III: interaction of (oxidative) stress-induced heat shock proteins with toll-like receptor-bearing cells of innate immunity and its consequences for the development of acute and chronic allograft rejection. <b>2003</b> , 17, 67-86	44
354	Purification and characterization of human soluble CD14 expressed in <i>Pichia pastoris</i> . <b>2003</b> , 28, 310-20	11
353	Xanthine oxidoreductase is central to the evolution and function of the innate immune system. <b>2003</b> , 24, 512-7	156
352	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF-kappaB/Rel activation and iNOS expression in murine macrophages. <b>2003</b> , 3, 1353-62	72
351	Differential modulation of the induction of inflammatory mediators by antibiotics in mouse macrophages in response to viable Gram-positive and Gram-negative bacteria. <b>2003</b> , 9, 225-236	
350	Activation of human dendritic cells is modulated by components of the outer membranes of <i>Neisseria meningitidis</i> . <b>2003</b> , 71, 5590-7	28
349	Effect of bacterial flora on postimmunization gastritis following oral vaccination of mice with <i>Helicobacter pylori</i> heat shock protein 60. <b>2003</b> , 10, 808-12	21
348	Nitric oxide contributes to induction of innate immune responses to gram-negative bacteria in <i>Drosophila</i> . <i>Genes and Development</i> , <b>2003</b> , 17, 115-25	12.6 196
347	Cutting edge: bradykinin induces IL-12 production by dendritic cells: a danger signal that drives Th1 polarization. <b>2003</b> , 170, 5349-53	89

346	Genome-wide analysis of NBS-LRR-encoding genes in Arabidopsis. <b>2003</b> , 15, 809-34	1162
345	Endothelial cells are main producers of interleukin 8 through Toll-like receptor 2 and 4 signaling during bacterial infection in leukopenic cancer patients. <b>2003</b> , 10, 558-63	29
344	The interleukin 1 (IL-1) receptor accessory protein Toll/IL-1 receptor domain: analysis of putative interaction sites in vitro mutagenesis and molecular modeling. <b>2003</b> , 278, 49145-53	27
343	Toll-like receptor-2, but not Toll-like receptor-4, is essential for development of oviduct pathology in chlamydial genital tract infection. <b>2003</b> , 171, 6187-97	245
342	Endotoxin/lipopolysaccharide activates NF-kappa B and enhances tumor cell adhesion and invasion through a beta 1 integrin-dependent mechanism. <b>2003</b> , 170, 795-804	127
341	Common interaction surfaces of the toll-like receptor 4 cytoplasmic domain stimulate multiple nuclear targets. <b>2003</b> , 23, 2543-55	50
340	IL1 receptor accessory protein like, a protein involved in X-linked mental retardation, interacts with Neuronal Calcium Sensor-1 and regulates exocytosis. <b>2003</b> , 12, 1415-25	82
339	The 19-kDa Mycobacterium tuberculosis protein induces macrophage apoptosis through Toll-like receptor-2. <b>2003</b> , 170, 2409-16	198
338	Differential modulation of the induction of inflammatory mediators by antibiotics in mouse macrophages in response to viable Gram-positive and Gram-negative bacteria. <b>2003</b> , 9, 225-36	11
337	Removal of Wolbachia from Brugia pahangi is closely linked to worm death and fecundity but does not result in altered lymphatic lesion formation in Mongolian gerbils (Meriones unguiculatus). <b>2003</b> , 71, 6986-94	31
336	Lysis of salmonella typhi intracellularly infected U937 cells by human natural killer cells: effect of protein kinase inhibitors. <b>2003</b> , 10, 32-9	3
335	Modulation of tissue Toll-like receptor 2 and 4 during the early phases of polymicrobial sepsis correlates with mortality. <b>2003</b> , 31, 1808-18	143
334	Intracisternal application of endotoxin enhances the susceptibility to subsequent hypoxic-ischemic brain damage in neonatal rats. <b>2003</b> , 53, 770-5	67
333	Effect of human cationic antimicrobial protein 18 Peptide on endotoxin-induced uveitis in rats. <b>2003</b> , 44, 4412-8	20
332	Toll-Like Receptors. <b>2004</b> , 190-194	
331	LPS signal transduction: the picture is becoming more complex. <b>2004</b> , 4, 1115-26	37
330	The role of IFN-gamma and Toll-like receptors in nephropathy induced by Toxoplasma gondii infection. <b>2004</b> , 48, 617-28	13
329	Role of Toll-like receptor 4 in induction of cell-mediated immunity and resistance to Brucella abortus infection in mice. <b>2004</b> , 72, 176-86	93

328	The amino-terminal region of toll-like receptor 4 is essential for binding to MD-2 and receptor translocation to the cell surface. <b>2004</b> , 279, 47431-7	28
327	Haemophilus influenzae porin induces Toll-like receptor 2-mediated cytokine production in human monocytes and mouse macrophages. <b>2004</b> , 72, 1204-9	65
326	Intact gram-negative Helicobacter pylori, Helicobacter felis, and Helicobacter hepaticus bacteria activate innate immunity via toll-like receptor 2 but not toll-like receptor 4. <b>2004</b> , 72, 6446-54	184
325	Chapter 2 The immune system: a toxicologist's overview. <b>2004</b> , 1, 19-54	
324	Cutting edge: anthrax lethal toxin inhibits activation of IFN-regulatory factor 3 by lipopolysaccharide. <b>2004</b> , 172, 747-51	44
323	Tolerance induced by the lipopeptide Pam3Cys is due to ablation of IL-1R-associated kinase-1. <b>2004</b> , 173, 2736-45	62
322	Toll-like receptors and TLR-mediated signaling: more questions than answers. <b>2004</b> , 286, L918-20	16
321	Inhibition of LPS- and CpG DNA-induced TNF-alpha response by oxidized phospholipids. <b>2004</b> , 286, L808-16	60
320	Activation of phosphatidylinositol 3-kinase and c-Jun-N-terminal kinase cascades enhances NF-kappaB-dependent gene transcription in BCG-stimulated macrophages through promotion of p65/p300 binding. <b>2004</b> , 75, 689-97	45
319	Expression of RPS4 in tobacco induces an AvrRps4-independent HR that requires EDS1, SGT1 and HSP90. <b>2004</b> , 40, 213-24	112
318	Mushroom plant workers experience a shift towards a T helper type 2 dominant state: contribution of innate immunity to spore antigen. <b>2004</b> , 135, 119-24	6
317	Differential production of cytokines, reactive oxygen and nitrogen by bovine macrophages and dendritic cells stimulated with Toll-like receptor agonists. <b>2004</b> , 111, 41-52	116
316	Lipid-associated membrane proteins of Mycoplasma fermentans and M. penetrans activate human immunodeficiency virus long-terminal repeats through Toll-like receptors. <b>2004</b> , 113, 121-9	43
315	Gamma-interferon enhances expression of CD14/MyD88 and subsequent responsiveness to lipopolysaccharide from Actinobacillus actinomycetemcomitans in human gingival fibroblasts. <b>2004</b> , 39, 333-43	28
314	Evolution of the innate immune system: the worm perspective. <b>2004</b> , 198, 36-58	159
313	An entomopathogenic bacterium, Xenorhabdus nematophila, inhibits the expression of an antibacterial peptide, cecropin, of the beet armyworm, Spodoptera exigua. <b>2004</b> , 50, 489-96	84
312	Corneal response to Pseudomonas aeruginosa infection. <b>2004</b> , 23, 1-30	215
311	Does Toll-like receptor 3 play a biological role in virus infections?. <b>2004</b> , 322, 231-8	307



310	Mechanistic analysis of the immunomodulatory effects of a catalytic antioxidant on antigen-presenting cells: implication for their use in targeting oxidation-reduction reactions in innate immunity. <b>2004</b> , 36, 233-47	156
309	Differentiation-regulated expression of Toll-like receptors 2 and 4 in HaCaT keratinocytes. <b>2004</b> , 296, 120-4	38
308	A microsatellite polymorphism in intron 2 of human Toll-like receptor 2 gene: functional implications and racial differences. <b>2004</b> , 40, 163-9	63
307	Signal transduction via the NF-kappaB pathway: a targeted treatment modality for infection, inflammation and repair. <b>2004</b> , 22, 67-79	118
306	Spare CD14 molecules on human monocytes enhance the sensitivity for low LPS concentrations. <b>2004</b> , 93, 11-5	7
305	Susceptibility to neoplastic and non-neoplastic pulmonary diseases in mice: genetic similarities. <b>2004</b> , 287, L685-703	61
304	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF- $\kappa$ B/Rel activation and iNOS expression through the activation of p38 kinase in murine macrophages. <b>2004</b> ,	
303	<i>Porphyromonas gingivalis</i> lipopolysaccharide contains multiple lipid A species that functionally interact with both toll-like receptors 2 and 4. <b>2004</b> , 72, 5041-51	384
302	Glucocorticoids: protectors of the brain during innate immune responses. <b>2004</b> , 10, 538-52	62
301	Toll-like receptor 4 and CD14 expression in human ciliary body and TLR-4 in human iris endothelial cells. <b>2004</b> , 79, 203-8	46
300	Regulation of the immune system by SOCS family adaptor proteins. <b>2004</b> , 16, 351-65	102
299	Immunomodulating effects of cefodizime on <i>Klebsiella pneumoniae</i> -stimulated neutrophils. <b>2004</b> , 209, 277-82	4
298	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF-kappaB/Rel activation and iNOS expression through the activation of p38 kinase in murine macrophages. <b>2004</b> , 4, 1029-38	73
297	Acidic polysaccharide isolated from <i>Phellinus linteus</i> enhances through the up-regulation of nitric oxide and tumor necrosis factor-alpha from peritoneal macrophages. <b>2004</b> , 95, 69-76	120
296	Zebrafish as a model host for streptococcal pathogenesis. <b>2004</b> , 91, 53-68	56
295	Toll-like receptor 4 gene Asp299Gly polymorphism is associated with reductions in vascular inflammation, angiographic coronary artery disease, and clinical diabetes. <b>2004</b> , 148, 1034-40	100
294	Unraveling the molecular details involved in the intimate link between the immune and neuroendocrine systems. <b>2004</b> , 229, 996-1006	81
293	Immunomodulation and sepsis: impact of the pathogen. <b>2004</b> , 22, 297-308	38

292	Lipopolysaccharide induces expression of fibronectin alpha 5 beta 1-integrin receptors in human monocyctic cells in a protein kinase C-dependent fashion. <b>2004</b> , 287, L239-49	12
291	Immunology and Inflammation. <b>2004</b> ,	
290	Surfactant protein A inhibits alveolar macrophage cytokine production by CD14-independent pathway. <b>2004</b> , 286, L129-36	54
289	Role of Toll-like receptor-4 in genetic susceptibility to lung injury induced by residual oil fly ash. <b>2005</b> , 22, 108-17	26
288	Dehydroepiandrosterone modulates toll-like receptor expression on splenic macrophages of mice after severe polymicrobial sepsis. <b>2005</b> , 24, 364-9	12
287	Bovine mammary epithelial cells, initiators of innate immune responses to mastitis. <b>2005</b> , 45, 757	16
286	The Innate and Acquired Pulmonary Immune Response to <i>Aspergillus fumigatus</i> . <b>2005</b> , 229-239	1
285	Macrophage-targeted photodynamic therapy: scavenger receptor expression and activation state. <b>2005</b> , 18, 391-402	26
284	Common and distinct signalling cascades in the production of tumour necrosis factor-alpha and interleukin-13 induced by lipopolysaccharide in RBL-2H3 cells. <b>2005</b> , 35, 635-42	19
283	Genetic aspects of pulmonary responses to inhaled pollutants. <b>2005</b> , 57 Suppl 1, 147-53	25
282	Systemic responses to inhaled ozone in mice: cachexia and down-regulation of liver xenobiotic metabolizing genes. <b>2005</b> , 208, 117-26	32
281	Strategies for targeting protein-protein interactions with synthetic agents. <b>2005</b> , 44, 4130-63	395
280	Strategien zur Modulation von Protein-Protein-Wechselwirkungen mit synthetischen Substanzen. <b>2005</b> , 117, 4200-4235	82
279	Reading the viral signature by Toll-like receptors and other pattern recognition receptors. <b>2005</b> , 83, 180-92	101
278	LBP inhibitory peptide reduces endotoxin-induced macrophage activation and mortality. <b>2005</b> , 54, 451-7	7
277	Protein-bound polysaccharide isolated from basidiomycetes inhibits endotoxin-induced activation by blocking lipopolysaccharide-binding protein and CD14 functions. <b>2005</b> , 43, 91-8	10
276	Effect of lipopolysaccharides having different structures on the cardiovascular system of Wistar rats. <b>2005</b> , 402, 189-91	1
275	Innate immunity and the heart. <b>2005</b> , 11, 1279-90	38

274	Inflammatory responses of corneal epithelial cells to <i>Pseudomonas aeruginosa</i> infection. <b>2005</b> , 30, 527-34	42
273	Cytokine profiling of macrophages exposed to <i>Porphyromonas gingivalis</i> , its lipopolysaccharide, or its FimA protein. <b>2005</b> , 73, 935-43	164
272	DEVELOPMENT OF ASSAYS TO EVALUATE CELLULAR IMMUNE FUNCTIONS IN THE AMERICAN LOBSTER ( <i>HOMARUS AMERICANUS</i> ). <b>2005</b> , 24, 705-711	4
271	Evolution of the zebrafish model: from development to immunity and infectious disease. <b>2005</b> , 2, 87-103	71
270	CD4+ T cell responses elicited by different subsets of human skin migratory dendritic cells. <b>2005</b> , 175, 7905-15	93
269	Role of innate and adaptive immunity in the pathogenesis of keratitis. <b>2005</b> , 13, 133-8	43
268	Attenuated pathogenesis of polymicrobial peritonitis in mice after TLR2 agonist pre-treatment involves ST2 up-regulation. <b>2005</b> , 17, 1035-46	39
267	A dipalmitoylated lipoprotein from <i>Mycoplasma pneumoniae</i> activates NF-kappa B through TLR1, TLR2, and TLR6. <b>2005</b> , 175, 4641-6	121
266	Toll-like receptor 4 gene C119A but not Asp299Gly polymorphism is associated with ischemic stroke among ethnic Chinese in Taiwan. <b>2005</b> , 180, 305-9	95
265	Macrophage activation by polysaccharide isolated from <i>Astragalus membranaceus</i> . <b>2005</b> , 5, 1225-33	139
264	Cellules dendritiques et Toll-like r�cepteurs dans les maladies allergiques. <b>2005</b> , 45, 208-213	1
263	Quantitative trait analysis of the development of pulmonary tolerance to inhaled zinc oxide in mice. <b>2005</b> , 6, 73	17
262	Fungal Immunology. <b>2005</b> ,	4
261	Macrophage activation by polysaccharide fraction isolated from <i>Salicornia herbacea</i> . <b>2006</b> , 103, 372-8	58
260	Identification and expression of Toll-like receptors 1-10 in selected bovine and ovine tissues. <b>2006</b> , 109, 23-30	123
259	Microbial molecular patterns and host defense. 99-130	
258	Role of dendritic cell-derived CXCL13 in the pathogenesis of <i>Bartonella henselae</i> B-rich granuloma. <b>2006</b> , 107, 454-62	58
257	Perinatal infections, prematurity and brain injury. <b>2006</b> , 18, 119-24	56

256	Toll-like receptor 4, nitric oxide, and myocardial depression in endotoxemia. <b>2006</b> , 25, 43-9	87
255	Role of Toll-like receptor 4 for the pathogenesis of acute lung injury in Gram-negative sepsis. <b>2006</b> , 23, 1041-8	30
254	The role of Toll-like receptors in CNS response to microbial challenge. <b>2006</b> , 99, 1-12	88
253	Biophysical characterization of synthetic rhamnolipids. <b>2006</b> , 273, 5101-12	35
252	The association between microsatellite polymorphisms in intron II of the human Toll-like receptor 2 gene and tuberculosis among Koreans. <b>2006</b> , 7, 150-5	114
251	Myocardial injury modulates the innate immune system and changes myocardial sensitivity. <b>2006</b> , 101, 427-35	20
250	Toll-like receptor 2 (TLR2) mediates intracellular signalling in human keratinocytes in response to <i>Malassezia furfur</i> . <b>2006</b> , 297, 280-8	92
249	Toll-like receptors 2, 3 and 4 (TLR-2, TLR-3 and TLR-4) are expressed in the microenvironment of human acquired cholesteatoma. <b>2006</b> , 263, 603-7	24
248	Evolution of an intronic microsatellite polymorphism in Toll-like receptor 2 among primates. <b>2006</b> , 58, 740-5	9
247	Dinucleotide repeat polymorphism in intron II of human Toll-like receptor 2 gene and susceptibility to rheumatoid arthritis. <b>2006</b> , 33, 211-5	29
246	Common and divergent immune response signaling pathways discovered in peripheral blood mononuclear cell gene expression patterns in presymptomatic and clinically apparent malaria. <b>2006</b> , 74, 5561-73	104
245	NF- $\kappa$ B/Rel Transcription Factor Family. <b>2006</b> ,	3
244	Cutting edge: apoptosis-regulating signal kinase 1 is required for reactive oxygen species-mediated activation of IFN regulatory factor 3 by lipopolysaccharide. <b>2006</b> , 176, 5720-4	67
243	Postnatal lung development: immediate-early gene responses post ozone and LPS exposure. <b>2006</b> , 18, 875-83	11
242	Hypothalamic pituitary adrenal function during critical illness: limitations of current assessment methods. <b>2006</b> , 91, 3725-45	275
241	CD44 is a negative regulator of acute pulmonary inflammation and lipopolysaccharide-TLR signaling in mouse macrophages. <b>2007</b> , 178, 2469-75	110
240	Effect of inositol hexakisphosphate kinase 2 on transforming growth factor beta-activated kinase 1 and NF- $\kappa$ B activation. <b>2007</b> , 282, 15349-56	22
239	Ordering of lipid A-monophosphate clusters in aqueous solutions. <b>2007</b> , 127, 115103	4

238	The effect of altered Toll-like receptor 4 signaling on cancer cachexia. <b>2007</b> , 133, 1263-9	22
237	Antigen-Presenting Cells and the Eye. <b>2007</b> ,	
236	Working Towards the Development of Vaccines for the Treatment and Prevention of Early Breast Cancer. <b>2007</b> , 3, 97-107	
235	A functional genomics approach to the study of avian innate immunity. <b>2007</b> , 117, 139-45	14
234	Toll-like receptor 4 Asp299Gly polymorphism is associated with an increased risk of pancreatic necrotic infection in acute pancreatitis: a study in the Chinese population. <b>2007</b> , 34, 295-8	25
233	Toll receptor polymorphisms and carotid artery intima-media thickness. <b>2007</b> , 38, 1179-84	55
232	Stored packed red blood cell transfusion up-regulates inflammatory gene expression in circulating leukocytes. <b>2007</b> , 246, 129-34	51
231	Protein kinase Czeta (PKCzeta) regulates ocular inflammation and apoptosis in endotoxin-induced uveitis (EIU): signaling molecules involved in EIU resolution by PKCzeta inhibitor and interleukin-13. <b>2007</b> , 170, 1241-57	27
230	Dectin-1 is required for host defense against <i>Pneumocystis carinii</i> but not against <i>Candida albicans</i> . <b>2007</b> , 8, 39-46	486
229	The Innate Immune System. <b>2007</b> , 87-99	
228	CpG oligonucleotide activates Toll-like receptor 9 and causes lung inflammation in vivo. <b>2007</b> , 8, 72	53
227	Human mitochondrial complex I assembly: a dynamic and versatile process. <b>2007</b> , 1767, 1215-27	117
226	Hyaluronan in tissue injury and repair. <b>2007</b> , 23, 435-61	623
225	Triacylated lipoproteins derived from <i>Mycoplasma pneumoniae</i> activate nuclear factor-kappaB through toll-like receptors 1 and 2. <b>2007</b> , 121, 473-83	84
224	Lipopopeptidophosphoglycan from <i>Entamoeba histolytica</i> activates human macrophages and dendritic cells and reaches their late endosomes. <b>2007</b> , 29, 467-74	8
223	Kininogens coordinate adaptive immunity through the proteolytic release of bradykinin, an endogenous danger signal driving dendritic cell maturation. <b>2007</b> , 66, 128-36	43
222	Characterization of a novel Toll/interleukin-1 receptor (TIR)-TIR gene differentially expressed in common bean ( <i>Phaseolus vulgaris</i> cv. Othello) undergoing a defence response to the geminivirus Bean dwarf mosaic virus. <b>2007</b> , 8, 151-62	19
221	Genetic mechanisms of susceptibility to oxidative lung injury in mice. <b>2007</b> , 42, 433-45	90

220	Rat chemokine CXCL11: structure, tissue distribution, function and expression in cardiac transplantation models. <b>2007</b> , 296, 1-9	10
219	Differential expression of toll-like receptor 3 and 5 in ileal pouch mucosa of ulcerative colitis patients. <b>2007</b> , 22, 293-301	27
218	Heat shock proteins and toll-like receptors. <b>2008</b> , 111-27	108
217	Innate immune modulation of keratinocytes by antikeratin 16 antibodies. <b>2008</b> , 17, 645-52	17
216	Maturation-dependent sensitivity of oligodendrocyte lineage cells to apoptosis: implications for normal development and disease. <b>2008</b> , 15, 1178-86	86
215	Vaginal infection with <i>Ureaplasma urealyticum</i> accounts for preterm delivery via induction of inflammatory responses. <b>2008</b> , 52, 297-304	28
214	Inflammatory receptors and pathways in human NT2-N neurons during hypoxia and reoxygenation. Impact of acidosis. <b>2008</b> , 1217, 37-49	15
213	Effect of cefodizime on cytokines expression in mouse neutrophils and its related mechanism. <b>2008</b> , 23, 243-250	2
212	<i>Ureaplasma parvum</i> lipoproteins, including MB antigen, activate NF- $\kappa$ B through TLR1, TLR2 and TLR6. <b>2008</b> , 154, 1318-1325	79
211	Toll-Like Receptors (TLRs) and Innate Immunity. <b>2008</b> ,	7
210	On the mechanisms and putative pathways involving neuroimmune interactions. <b>2008</b> , 370, 531-5	26
209	Up-regulation of cell surface Toll-like receptors on circulating gammadelta T-cells following burn injury. <b>2008</b> , 44, 328-34	26
208	A triacylated lipoprotein from <i>Mycoplasma genitalium</i> activates NF- $\kappa$ B through Toll-like receptor 1 (TLR1) and TLR2. <b>2008</b> , 76, 3672-8	59
207	Identification of <i>Drosophila</i> mutants altering defense of and endurance to <i>Listeria monocytogenes</i> infection. <b>2008</b> , 178, 1807-15	94
206	Induction of IL-8 by <i>Mycoplasma pneumoniae</i> membrane in BEAS-2B cells. <b>2008</b> , 295, L220-30	38
205	<i>Pseudomonas aeruginosa</i> suppresses host immunity by activating the DAF-2 insulin-like signaling pathway in <i>Caenorhabditis elegans</i> . <b>2008</b> , 4, e1000175	146
204	Air pollution, oxidative stress and dietary supplementation: a review. <b>2008</b> , 31, 179-97	166
203	Bacterial DNA induces myocardial inflammation and reduces cardiomyocyte contractility: role of toll-like receptor 9. <b>2008</b> , 78, 26-35	62

202	Mycoplasma pneumoniae-derived lipopeptides induce acute inflammatory responses in the lungs of mice. <b>2008</b> , 76, 270-7	46
201	SN52, a novel nuclear factor-kappaB inhibitor, blocks nuclear import of RelB:p52 dimer and sensitizes prostate cancer cells to ionizing radiation. <b>2008</b> , 7, 2367-76	41
200	Toll-like receptors, transduction-effector pathways, and disease diversity: evidence of an immunobiological paradigm explaining all human illness?. <b>2008</b> , 27, 255-81	37
199	Toll-like receptor family in domestic animal species. <b>2008</b> , 28, 513-38	16
198	Observations of liquidlike order of charged rodlike lipid A diphosphate assemblies at pH 8.5. <b>2008</b> , 128, 065105	7
197	Discovery and characterization of novel vascular and hematopoietic genes downstream of etsrp in zebrafish. <i>PLoS ONE</i> , <b>2009</b> , 4, e4994	3-7 40
196	Expression of Toll-like Receptor 2 in Cultured Human Keratinocytes: The Effect of Bacterial Antigens, Cytokines and Calcium Concentration. <b>2009</b> , 21, 337-44	3
195	Two new colloidal crystal phases of lipid A-monophosphate: order-to-order transition in colloidal crystals. <b>2009</b> , 131, 244708	6
194	An immunologist's perspective on nutrition, immunity, and infectious diseases: Introduction and overview. <b>2009</b> , 18, 103-110	40
193	Innate immune signaling pathways in animals: beyond reductionism. <b>2009</b> , 28, 207-38	2
192	Role of p38 and early growth response factor 1 in the macrophage response to group B streptococcus. <b>2009</b> , 77, 2474-81	20
191	Secretion of soluble ST2 - possible explanation for systemic immunosuppression after heart surgery. <b>2009</b> , 57, 25-9	34
190	Increased soluble serum markers caspase-cleaved cytokeratin-18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD. <b>2009</b> , 23, 372-9	31
189	The contribution of Toll-like receptor 2 to the innate recognition of a Leishmania infantum silent information regulator 2 protein. <b>2009</b> , 128, 484-99	20
188	Thalidomide inhibits lipopolysaccharide-induced tumor necrosis factor-alpha production via down-regulation of MyD88 expression. <b>2009</b> , 15, 33-41	46
187	Vaccine Development Pathway. <b>2009</b> , 43-54	1
186	Toll-like receptor 4 gene polymorphisms show no association with the risk of clinical or angiographic restenosis after percutaneous coronary intervention. <b>2010</b> , 20, 544-52	6
185	Possible role of toll-like receptor 4 in acute pancreatitis. <b>2010</b> , 39, 819-24	24

184	Genetic Susceptibility in Inflammatory Bowel Disease. <b>2010</b> , 8, 149-159	
183	Association of TLR4 Asp299Gly and Thr399Ile polymorphisms with Guillain-Barré syndrome in Northern Indian population. <b>2010</b> , 218, 116-9	35
182	Pathogenesis of bovine brucellosis. <b>2010</b> , 184, 146-55	135
181	Papel de los receptores toll-like en las enfermedades respiratorias. <b>2010</b> , 46, 135-142	8
180	LPS from Porphyromonas gingivalis increases the sensitivity of contractile response mediated by endothelin-B (ET(B)) receptors in cultured endothelium-intact rat coronary arteries. <b>2010</b> , 53, 250-7	7
179	Genetic susceptibility in tuberculosis. <b>2010</b> , 15, 241-56	97
178	Differential cell sensitivity between OTA and LPS upon releasing TNF- $\alpha$ . <b>2010</b> , 2, 1279-99	10
177	Toll-like receptor 2- and MyD88-dependent phosphatidylinositol 3-kinase and Rac1 activation facilitates the phagocytosis of Listeria monocytogenes by murine macrophages. <b>2010</b> , 78, 2857-67	61
176	Microsatellite polymorphisms in intron 2 of the toll-like receptor 2 gene and their association with susceptibility to pulmonary tuberculosis in Han Chinese. <b>2010</b> , 48, 785-9	22
175	Expression of interleukin-1 receptor-associated kinase-1 in non-small cell lung carcinoma and preneoplastic lesions. <b>2010</b> , 16, 34-44	26
174	Combating Fungal Infections. <b>2010</b> ,	9
173	T-cell response to allergens. <b>2010</b> , 95, 22-44	52
172	Trolling for the ideal model host: zebrafish take the bait. <b>2010</b> , 5, 563-9	40
171	Regulation of IkappaBalpha function and NF-kappaB signaling: AEBP1 is a novel proinflammatory mediator in macrophages. <i>Mediators of Inflammation</i> , <b>2010</b> , 2010, 823821	4.3 61
170	Toll-like receptors: cost or benefit for cancer?. <b>2010</b> , 16, 1081-90	32
169	[Role of toll-like receptors in respiratory diseases]. <b>2010</b> , 46, 135-42	7
168	Gram-negative periodontal bacteria induce the activation of Toll-like receptors 2 and 4, and cytokine production in human periodontal ligament cells. <b>2010</b> , 81, 1488-96	103
167	Assessment and comparison of immunoregulatory activity of four hydrosoluble fractions of Angelica sinensis in vitro on the peritoneal macrophages in ICR mice. <b>2010</b> , 10, 422-30	26



166	Prokaryotic and Eukaryotic Heat Shock Proteins in Infectious Disease. <i>Heat Shock Proteins</i> , <b>2010</b> ,	0.2	5
165	Cloning and functional characterization of the p65 subunit of NF- $\kappa$ B from olive flounder ( <i>Paralichthys olivaceus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 406-11	4.3	18
164	Proteinases as molecular adjuvants in allergic airway disease. <b>2011</b> , 1810, 1059-65		24
163	Seeking common pathophysiology in asthma, atopy and sinusitis. <b>2011</b> , 32, 43-9		28
162	Suppression of interleukin (IL)-8 and human beta defensin-2 secretion in LPS-and/or IL-1 $\beta$ stimulated airway epithelial A549 cells by a herbal formulation against respiratory infections (BNO 1030). <b>2011</b> , 134, 228-33		16
161	Effects of fetal exposure to lipopolysaccharide, perinatal anoxia and sensorimotor restriction on motor skills and musculoskeletal tissue: implications for an animal model of cerebral palsy. <b>2011</b> , 228, 183-91		30
160	Defensins. <b>2011</b> , 109-116		
159	. <b>2011</b> ,		5
158	Animal models of periventricular leukomalacia. <b>2011</b> , 27, 77-84		21
157	Characterization and immunopotentiating effects of the glycoprotein isolated from dioscorea batatas. <b>2011</b> , 15, 101-6		10
156	Cytoadherence-dependent induction of inflammatory responses by <i>Mycoplasma pneumoniae</i> . <b>2011</b> , 133, 51-61		35
155	Studies on Experimental Models. <b>2011</b> ,		
154	A glycoprotein from <i>Porphyra yezoensis</i> produces anti-inflammatory effects in liposaccharide-stimulated macrophages via the TLR4 signaling pathway. <b>2011</b> , 28, 809-15		30
153	<i>Francisella tularensis</i> reveals a disparity between human and mouse NLRP3 inflammasome activation. <b>2011</b> , 286, 39033-42		57
152	Respiratory tract allergic disease and atopy: experimental evidence for a fungal infectious etiology. <b>2011</b> , 49 Suppl 1, S158-63		22
151	Identification of candidate genes downstream of TLR4 signaling after ozone exposure in mice: a role for heat-shock protein 70. <b>2011</b> , 119, 1091-7		32
150	Identifying a role for Toll-like receptor 3 in the innate immune response to <i>Chlamydia muridarum</i> infection in murine oviduct epithelial cells. <b>2012</b> , 80, 254-65		30
149	Enterobacterial common antigen mutants of <i>Salmonella enterica</i> serovar Typhimurium establish a persistent infection and provide protection against subsequent lethal challenge. <b>2012</b> , 80, 441-50		20

148	The TLR7 7926A>G polymorphism is associated with susceptibility to systemic lupus erythematosus. <b>2012</b> , 6, 105-10	15
147	Increase of toll-like receptor 4 but decrease of interleukin-8 mRNA expression among ischemic stroke patients under aspirin treatment. <b>2012</b> , 45, 1316-9	8
146	Modulation of immune responses following solid organ transplantation by microRNA. <b>2012</b> , 93, 378-85	24
145	Poly(I:C) treatment influences the expression of calreticulin and profilin-1 in a human HNSCC cell line: a proteomic study. <b>2012</b> , 33, 1201-8	7
144	In silico approach to predict candidate R proteins and to define their domain architecture. <b>2012</b> , 5, 678	34
143	Structure-activity correlations of variant forms of the B pentamer of Escherichia coli type II heat-labile enterotoxin LT-IIb with Toll-like receptor 2 binding. <b>2012</b> , 68, 1604-12	7
142	Synergistic Induction of iNOS by IFN- $\lambda$ and Glycoprotein Isolated from Dioscorea batatas. <b>2012</b> , 16, 431-6	9
141	Chlorogenic acid attenuates high mobility group box 1 (HMGB1) and enhances host defense mechanisms in murine sepsis. <b>2013</b> , 18, 1437-48	42
140	Axon-glia synapses are highly vulnerable to white matter injury in the developing brain. <b>2012</b> , 90, 105-21	34
139	Modulation of IL-8 boosted by Mycoplasma pneumoniae lysate in human airway epithelial cells. <b>2013</b> , 33, 1117-25	15
138	Genome-Wide Analysis of Nucleotide-Binding Site (NBS) Disease Resistance (R) Genes in Sacred Lotus (Nelumbo nucifera Gaertn.) Reveals Their Transition Role During Early Evolution of Land Plants. <b>2013</b> , 6, 98-116	10
137	Inflammatory response and oxidative stress in developing rat brain and its consequences on motor behavior following maternal administration of LPS and perinatal anoxia. <b>2013</b> , 31, 820-7	35
136	Pathogen recognition in the human female reproductive tract: expression of intracellular cytosolic sensors NOD1, NOD2, RIG-1, and MDA5 and response to HIV-1 and Neisseria gonorrhoea. <b>2013</b> , 69, 41-51	33
135	Identification of TLR downstream pathways in stroke patients. <b>2013</b> , 46, 1058-1064	23
134	Parasitoid wasp venom SERCA regulates Drosophila calcium levels and inhibits cellular immunity. <b>2013</b> , 110, 9427-32	43
133	Emerging targets in human lymphoma: targeting the MYD88 mutation. <b>2013</b> , 53	2
132	Role of cytokines and Toll-like receptors in the immunopathogenesis of Guillain-Barré Syndrome. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 758639	4-3 30
131	Bacterial translocation - impact on the adipocyte compartment. <b>2014</b> , 4, 510	25

130 Genetic Factors Involved in Susceptibility to Lung Disease. **2014**, 369-384

129 An ancient defense system eliminates unfit cells from developing tissues during cell competition. **2014**, 346, 1258236 122

128 Cytadherence of *Mycoplasma pneumoniae* induces inflammatory responses through autophagy and toll-like receptor 4. **2014**, 82, 3076-86 47

127 Activation of TOPK by lipopolysaccharide promotes induction of inducible nitric oxide synthase through NF- $\kappa$ B activity in leukemia cells. **2014**, 26, 849-56 27

126 Single-nucleotide polymorphism associations in common with immune responses to measles and rubella vaccines. **2014**, 66, 663-9 18

125 Type I interferon in the pathogenesis of lupus. **2014**, 192, 5459-68 325

124 Gene interaction map: a paradigm for identifying significant pathways responsible for rheumatoid arthritis. **2014**, 3, 1

123 Prokaryotic ancestry of eukaryotic protein networks mediating innate immunity and apoptosis. **2014**, 426, 1568-82 15

122 Deep transcriptome sequencing of *Pecten maximus* hemocytes: a genomic resource for bivalve immunology. *Fish and Shellfish Immunology*, **2014**, 37, 154-65 4-3 50

121 Higher expression of galectin-3 and galectin-9 in periapical granulomas than in radicular cysts and an increased toll-like receptor-2 and toll-like receptor-4 expression are associated with reactivation of periapical inflammation. **2014**, 40, 199-203 11

120 Downregulation of TLR4 and 7 mRNA expression levels in broiler's spleen caused by diets supplemented with nickel chloride. **2014**, 158, 353-8 10

119 Analysis of the toll-like receptor 2-2 (TLR2-2) and TLR4 mRNA expression in the intestinal mucosal immunity of broilers fed on diets supplemented with nickel chloride. **2014**, 11, 657-70 9

118 Single nucleotide polymorphisms/haplotypes associated with multiple rubella-specific immune response outcomes post-MMR immunization in healthy children. **2015**, 67, 547-61 17

117 The tobacco lectin, prototype of the family of Nictaba-related proteins. **2015**, 16, 5-16 21

116 SNP marker discovery in koala TLR genes. *PLoS ONE*, **2015**, 10, e0121068 3-7 5

115 Alkaline phosphatase protects lipopolysaccharide-induced early pregnancy defects in mice. *PLoS ONE*, **2015**, 10, e0123243 3-7 14

114 Lipopolysaccharide-induced chorioamnionitis causes acute inflammatory changes in the ovine central nervous system. **2015**, 14, 77-84 13

113 Bacterial Interactions with Mucosal Epithelial Cells. **2015**, 955-973 1

112	Immunology of Diseases of the Oral Cavity. <b>2015</b> , 1943-1983		4
111	The nucleotide-binding domain, leucine-rich repeat protein 3 inflammasome/IL-1 receptor I axis mediates innate, but not adaptive, immune responses after exposure to particulate matter under 10 h. <b>2015</b> , 52, 96-105		64
110	Molecular profile and expressional modulation of a Toll like receptor-1 homolog from rock bream ( <i>Oplegnathus fasciatus</i> ). <b>2015</b> , 37, 459-470		4
109	Common and specific downstream signaling targets controlled by Tlr2 and Tlr5 innate immune signaling in zebrafish. <b>2015</b> , 16, 547		23
108	Genome-wide identification and characterization of TRAF genes in the Yesso scallop ( <i>Patinopecten yessoensis</i> ) and their distinct expression patterns in response to bacterial challenge. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 47, 545-55	4-3	23
107	Comparative genomic analyses reveal a vast, novel network of nucleotide-centric systems in biological conflicts, immunity and signaling. <b>2015</b> , 43, 10633-54		103
106	Virtual Screening Approaches towards the Discovery of Toll-Like Receptor Modulators. <b>2016</b> , 17,		22
105	Relationship between TLR4 and CCL2 expression and recurrent spontaneous abortion. <b>2016</b> , 15,		9
104	Inflammation-inducing Factors of <i>Mycoplasma pneumoniae</i> . <b>2016</b> , 7, 414		52
103	A new non-phagocytic TLR6 with broad recognition ligands from Pacific oyster <i>Crassostrea gigas</i> . <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 65, 182-190	3-2	35
102	Penehyclidine ameliorates acute lung injury by inhibiting Toll-like receptor 2/4 expression and nuclear factor- $\kappa$ B activation. <b>2016</b> , 11, 1827-1832		7
101	Organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz alleviates inflammatory injury in lipopolysaccharide-induced acute tracheobronchitis of ICR mice through TLR4/NF- $\kappa$ B signaling pathway. <b>2016</b> , 34, 92-100		22
100	Roles of Toll-like receptors 2 and 6 in the inflammatory response to <i>Mycoplasma gallisepticum</i> infection in DF-1 cells and in chicken embryos. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 59, 39-47	3-2	22
99	Optimization of <i>Lactobacillus acidophilus</i> cultivation using taro waste and evaluation of its biological activity. <b>2016</b> , 100, 2629-39		12
98	Interplay of extracellular matrix and leukocytes in lung inflammation. <b>2017</b> , 312, 1-14		67
97	Characterization of a cerebral palsy-like model in rats: Analysis of gait pattern and of brain and spinal cord motor areas. <b>2017</b> , 60, 48-55		7
96	NLRX1 dampens oxidative stress and apoptosis in tissue injury via control of mitochondrial activity. <b>2017</b> , 214, 2405-2420		58
95	The versatile functions of LRR-only proteins in mollusk <i>Chlamys farreri</i> . <i>Developmental and Comparative Immunology</i> , <b>2017</b> , 77, 188-199	3-2	14

94	Molecular characterization of a bactericidal permeability-increasing protein/lipopolysaccharide-binding protein from black rockfish ( <i>Sebastes schlegelii</i> ): Deciphering its putative antibacterial role. <i>Developmental and Comparative Immunology</i> , <b>2017</b> , 67, 266-275	3.2	6
93	The in vitro effect of poly (I:C) on cell morphology of a metastatic pharyngeal cell line. <b>2017</b> , 72, 954-960		1
92	Fetal and Maternal Responses to Intraamniotic Infection. <b>2017</b> , 144-159.e12		
91	The Toll for Trafficking: Toll-Like Receptor 7 Delivery to the Endosome. <b>2017</b> , 8, 1075		73
90	Etiology and Pathogenesis of Systemic Lupus Erythematosus. <b>2017</b> , 1329-1344		6
89	MicroRNA-216a Inhibits NF- $\kappa$ -Mediated Inflammatory Cytokine Production in Teleost Fish by Modulating p65. <b>2018</b> , 86,		42
88	Periodontal bacteria DNA findings in human cardiac tissue - Is there a link of periodontitis to heart valve disease?. <b>2018</b> , 251, 74-79		5
87	Molecular identification and functional analysis of two variants of myeloid differentiation factor 88 (MyD88) from disk abalone ( <i>Haliotis discus discus</i> ). <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 79, 113-127	3.2	14
86	Fish antimicrobial peptides (AMP's) as essential and promising molecular therapeutic agents: A review. <b>2018</b> , 114, 50-56		69
85	Identification and functional characterization of three myeloid differentiation factor 88 (MyD88) isoforms from thick shell mussel <i>Mytilus coruscus</i> . <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 83, 123-133	4.3	11
84	Granulocyte Colony-Stimulating Factor Alleviates Bacterial-Induced Neuronal Apoptotic Damage in the Neonatal Rat Brain through Epigenetic Histone Modification. <b>2018</b> , 2018, 9797146		6
83	Inhibition of TRAF6 ubiquitin-ligase activity by PRDX1 leads to inhibition of NF $\kappa$ B activation and autophagy activation. <b>2018</b> , 14, 1347-1358		76
82	Influence of Genetic Polymorphism Towards Pulmonary Tuberculosis Susceptibility. <b>2018</b> , 5, 213		36
81	Cephalochordata: Branchiostoma. <b>2018</b> , 593-635		1
80	Gp96 deficiency affects TLR4 functionality and impairs ERK and p38 phosphorylation. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193003	3.7	6
79	RNA language in <i>Caenorhabditis elegans</i> and bacteria interspecies communication and memory. <i>Current Opinion in Systems Biology</i> , <b>2019</b> , 13, 16-22	3.2	3
78	Identification and tissue-expression profiling of novel chicken c-type lectin-like domain containing proteins as potential targets for carbohydrate-based vaccine strategies. <i>Molecular Immunology</i> , <b>2019</b> , 114, 216-225	4.3	8
77	Innate Immune Recognition: An Issue More Complex Than Expected. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 241	5.9	25

76	Mexican Strains Differentially Modulate Surface Markers and Cytokine Production in Bone Marrow-Derived Dendritic Cells from C57BL/6 and BALB/c Mice. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 7214798	4.3	5
75	Differences in DNA Methylation Between Disease-Resistant and Disease-Susceptible Chinese Tongue Sole ( <i>Cynoglossus</i> ) Families. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 847	4.5	5
74	Tyrosine based cationic acrylates as potent antimicrobial agents against shigellosis. <i>Biomaterials Science</i> , <b>2019</b> , 7, 2611-2622	7.4	11
73	Modulation of the NOD-like receptors NOD1 and NOD2: A chemist's perspective. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 1153-1161	2.9	6
72	Adult Drosophila Lack Hematopoiesis but Rely on a Blood Cell Reservoir at the Respiratory Epithelia to Relay Infection Signals to Surrounding Tissues. <i>Developmental Cell</i> , <b>2019</b> , 51, 787-803.e5	10.2	32
71	Transcriptome-wide identification, functional characterization, and expression analysis of two novel invertebrate-type Toll-like receptors from disk abalone ( <i>Haliotis discus discus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 84, 802-815	4.3	12
70	Exploring MYC relevance to cancer biology from the perspective of cell competition. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 63, 49-59	12.7	9
69	Methods to Investigate Innate Immune Receptors and Their Carbohydrate-Based Ligands. <i>ACS Symposium Series</i> , <b>2020</b> , 127-147	0.4	
68	Mycoplasma ovipneumoniae-derived lipid-associated membrane proteins induce cytokine secretion in mouse peritoneal macrophages through TLR2 signalling. <i>Research in Veterinary Science</i> , <b>2020</b> , 132, 474-480	2.5	1
67	Dietary Silk Peptide Inhibits LPS-Induced Inflammatory Responses by Modulating Toll-Like Receptor 4 (TLR4) Signaling. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	2
66	Pustulan Activates Chicken Bone Marrow-Derived Dendritic Cells In Vitro and Promotes Ex Vivo CD4 T Cell Recall Response to Infectious Bronchitis Virus. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	3
65	p62 is Negatively Implicated in the TRAF6-BECN1 Signaling Axis for Autophagy Activation and Cancer Progression by Toll-Like Receptor 4 (TLR4). <i>Cells</i> , <b>2020</b> , 9,	7.9	14
64	Differential Peptidoglycan Recognition Assay Using Varied Surface Presentations. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10926-10930	16.4	8
63	A genetic and immunological comparison of tick-resistance in beef cattle following artificial infestation with Rhipicephalus ticks. <i>Experimental and Applied Acarology</i> , <b>2020</b> , 80, 569-590	2.1	4
62	Upregulation of PD-L1 Expression by Prostaglandin E and the Enhancement of IFN- $\gamma$ by Anti-PD-L1 Antibody Combined With a COX-2 Inhibitor in Infection. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 12	3.1	9
61	Immune-modulating and anti-inflammatory marine compounds against cancer. <i>Seminars in Cancer Biology</i> , <b>2020</b> ,	12.7	7
60	Type F scavenger receptor expressed by endothelial cells (SREC)-II from <i>Epinephelus coioides</i> is a potential pathogen recognition receptor in the immune response to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 98, 262-270	4.3	4
59	The effect of intrauterine inflammation on mTOR signaling in mouse fetal brain. <i>Developmental Neurobiology</i> , <b>2020</b> , 80, 149-159	3.2	0

58	Antimicrobial proteins in crustaceans. <i>Advances in Experimental Medicine and Biology</i> , <b>2001</b> , 484, 95-112	3.6	30
57	Cytokine Therapy: Possible Tools in Management of Fungal Infection. <b>2010</b> , 373-396		1
56	Bacterial Interactions with Mucosal Epithelial Cells. <b>2005</b> , 753-767		2
55	Blood cells of adult <i>Drosophila</i> do not expand, but control survival after bacterial infection by induction of Drosocin around their reservoir at the respiratory epithelia.		1
54	ECSIT is an evolutionarily conserved intermediate in the Toll/IL-1 signal transduction pathway. <i>Genes and Development</i> , <b>1999</b> , 13, 2059-71	12.6	244
53	The NF- $\kappa$ B Activation Pathway: A Paradigm in Information Transfer from Membrane to Nucleus. <i>Science Signaling</i> , <b>1999</b> , 1999, re1-re1	8.8	39
52	Overview of the Fungal Pathogens. 25-37		2
51	Differential responses of mast cell Toll-like receptors 2 and 4 in allergy and innate immunity. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1351-1359	15.9	338
50	Series Introduction: Intrinsic and innate defenses in the lung: intersection of pathways regulating lung morphogenesis, host defense, and repair. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 565-569	15.9	58
49	Differential responses of mast cell Toll-like receptors 2 and 4 in allergy and innate immunity. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1351-9	15.9	142
48	Toll-like receptor 2 (TLR2) mediates activation of stress-activated MAP kinase p38. <b>2002</b> , 71, 503-510		14
47	White Matter Injury after Repeated Endotoxin Exposure in the Preterm Ovine Fetus.		15
46	Pelle kinase is activated by autophosphorylation during Toll signaling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , <b>2002</b> , 129, 1925-1933	6.6	27
45	Expression of TLR-2, TLR-4, NOD2 and pNF-kappaB in a neonatal rat model of necrotizing enterocolitis. <i>PLoS ONE</i> , <b>2007</b> , 2, e1102	3.7	54
44	Mycoplasma suppression of THP-1 Cell TLR responses is corrected with antibiotics. <i>PLoS ONE</i> , <b>2010</b> , 5, e9900	3.7	21
43	Differential immune responses to <i>Segniliparus rotundus</i> and <i>Segniliparus rugosus</i> infection and analysis of their comparative virulence profiles. <i>PLoS ONE</i> , <b>2013</b> , 8, e59646	3.7	6
42	Toll-like receptor 4-mediated nuclear factor kappa B activation is essential for sensing exogenous oxidants to propagate and maintain oxidative/nitrosative cellular stress. <i>PLoS ONE</i> , <b>2013</b> , 8, e73840	3.7	36
41	Basal Resistance of Plants Against Bacteria: From Discovery to Molecular Characterisation. <i>Acta Phytopathologica Et Entomologica Hungarica</i> , <b>2006</b> , 41, 37-46	0.6	2

40	Novel pharmacologic approaches to the management of sepsis: targeting the host inflammatory response. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , <b>2009</b> , 3, 96-112	5.4	43
39	Development of molecular resources for the Chinese horseshoe crab <i>Tachypleus tridentatus</i> . <i>Aquatic Biology</i> , <b>2015</b> , 24, 17-24	2	1
38	Association between polymorphisms in the Toll-like receptor 4, CD14, and CARD15/NOD2 and inflammatory bowel disease in the Greek population. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 681-5	5.6	153
37	Novel genetic markers in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 5560-70	5.70	51
36	Toll-like receptor 4 polymorphisms to determine acute pancreatitis susceptibility and severity: a meta-analysis. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 6666-70	5.6	3
35	Expression Profile of Toll-Like Receptor mRNA in an Indigenous Aseel Breed of Chicken in India. <i>International Journal of Poultry Science</i> , <b>2009</b> , 8, 651-655	0.3	5
34	p62 Negatively Regulates TLR4 Signaling via Functional Regulation of the TRAF6-ECSIT Complex. <i>Immune Network</i> , <b>2019</b> , 19, e16	6.1	10
33	Expression patterns of innate immunity-related genes in response to polyinosinic:polycytidylic acid (poly[I:C]) stimulation in DF-1 chicken fibroblast cells. <i>Journal of Animal Science and Technology</i> , <b>2020</b> , 62, 385-395	1.6	3
32	Macrophage activation by glycoprotein isolated from <i>Dioscorea batatas</i> . <i>Toxicological Research</i> , <b>2011</b> , 27, 167-72	3.7	3
31	A bacterial sulfonolipid triggers multicellular development in the closest living relatives of animals. <i>ELife</i> , <b>2012</b> , 1, e00013	8.9	155
30	Wirtsabwehr von Mikroorganismen Unspezifische Abwehr. <b>2000</b> , 25-38		
29	Toll-Like Receptors. <i>Perspectives on Critical Care Infectious Diseases</i> , <b>2001</b> , 27-44		
28	<i>Drosophila</i> as a Genetic Model System for Understanding Human Biology and Disease. <i>Lung Biology in Health and Disease</i> , <b>2001</b> , 1-20		
27	Principles of Immunology. <b>2002</b> , 3-27		
26	Toll-Like Receptors.		
25	Role of Inflammatory Mediators in Autoimmune Disease. <b>2002</b> , 65-77		
24	Toll-like receptors and the cardiovascular system. <b>2003</b> , 129-141		
23	Immunosensory Signaling: Role of Cytokines. <i>Neurobiological Foundation of Aberrant Behaviors</i> , <b>2003</b> , 15-38		1



22	Assessment of Human Immune Response. <b>2004</b> , 17-34			1
21	Genetic Factors Involved in Susceptibility to Lung Disease. <b>2004</b> , 277-289			
20	Disease Resistance and Susceptibility Genes in Signal Perception and Emission. <i>Books in Soils, Plants, and the Environment</i> , <b>2007</b> ,			
19	Toll-Like Receptors and Infectious Diseases: Role of Heat Shock Proteins. <i>Heat Shock Proteins</i> , <b>2009</b> , 153-167			1
18	Cancer Vaccines Targeting HER2/neu for Early Breast Cancer. <i>Journal of Breast Cancer</i> , <b>2010</b> , 13, 5			3
17	Oxidative Stress in Animal Models with Special Reference to Experimental Porcine Endotoxemia. <b>2011</b> , 497-510			
16	TLR3 Deficiency Leads to a Dysregulation in the Global Gene-Expression Profile in Murine Oviduct Epithelial Cells Infected with. <b>2019</b> , 1, 1-13			1
15	Blood Cells of Adult Drosophila Do Not Expand, But Control Survival after Bacterial Infection by Induction of Drosocin Around Their Reservoir at the Respiratory Epithelia. <i>SSRN Electronic Journal</i> ,		1	1
14	Post-network immunology: Idiotypic network continues at the bedside. <b>2008</b> , 124-132			
13	The Central Role of NF-B in the Regulation of Immunity to Infection. <b>2006</b> , 91-111			
12	Intrinsic and innate defenses in the lung: intersection of pathways regulating lung morphogenesis, host defense, and repair. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 565-9		15.9	23
11	Immunophysiology of the avian immune system. <b>2022</b> , 571-590			0
10	Molecular Insights into the mechanisms of mucosal immunity induced by Brucella abortus infection in nasal-associated lymphoid tissues. <b>2021</b> , 14, 809-818			
9	Customized peptidoglycan surfaces to investigate innate immune recognition via surface plasmon resonance.. <i>Methods in Enzymology</i> , <b>2022</b> , 665, 73-103		1.7	0
8	TLR - possible molecular target for biologic psoriasis therapy. <i>Vestnik Dermatologii I Venerologii</i> , <b>2012</b> , 88, 55-57		0.4	
7	Innate and adaptive immunity in Candida albicans infections and saprophytism. <b>2000</b> , 68, 175-179			17
6	Redox Activation of Mitochondrial DAMPs and the Metabolic Consequences for Development of Autoimmunity.. <i>Antioxidants and Redox Signaling</i> , <b>2022</b> , 36, 441-461		8.4	2
5	Tankyrase represses autoinflammation through the attenuation of TLR2 signaling.. <i>Journal of Clinical Investigation</i> , <b>2022</b> , 132,		15.9	0

- 4 Molecular mechanism and potential application of bacterial infection in the silkworm, *Bombyx mori*.. *Developmental and Comparative Immunology*, **2022**, 104381 3.2 0
- 3 DataSheet\_1.zip. **2019**,
- 2 Image\_1.TIFF. **2020**,
- 1 Image\_2.TIFF. **2020**,