

Terje Espevik

List of Publications by Citations

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

185
papers

17,548
citations

58
h-index

130
g-index

193
ext. papers

19,276
ext. citations

5.9
avg, IF

5.91
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 185 | NLRP3 inflammasomes are required for atherogenesis and activated by cholesterol crystals. <i>Nature</i> , 2010 , 464, 1357-61 | 50.4 | 2450 |
| 184 | A highly sensitive cell line, WEHI 164 clone 13, for measuring cytotoxic factor/tumor necrosis factor from human monocytes. <i>Journal of Immunological Methods</i> , 1986 , 95, 99-105 | 2.5 | 1121 |
| 183 | TLR9 signals after translocating from the ER to CpG DNA in the lysosome. <i>Nature Immunology</i> , 2004 , 5, 190-8 | 19.1 | 1085 |
| 182 | Toll-like receptor 2 functions as a pattern recognition receptor for diverse bacterial products. <i>Journal of Biological Chemistry</i> , 1999 , 274, 33419-25 | 5.4 | 728 |
| 181 | The proinflammatory CD14+CD16+DR++ monocytes are a major source of TNF. <i>Journal of Immunology</i> , 2002 , 168, 3536-42 | 5.3 | 647 |
| 180 | The adaptor ASC has extracellular and intracellular activities that propagate inflammation. <i>Nature Immunology</i> , 2014 , 15, 727-37 | 19.1 | 490 |
| 179 | A novel host-parasite lipid cross-talk. Schistosomal lyso-phosphatidylserine activates toll-like receptor 2 and affects immune polarization. <i>Journal of Biological Chemistry</i> , 2002 , 277, 48122-9 | 5.4 | 452 |
| 178 | Cytokine network in congestive heart failure secondary to ischemic or idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1999 , 83, 376-82 | 3 | 390 |
| 177 | Endocytic pathways regulate Toll-like receptor 4 signaling and link innate and adaptive immunity. <i>EMBO Journal</i> , 2006 , 25, 683-92 | 13 | 360 |
| 176 | Ligand-induced conformational changes allosterically activate Toll-like receptor 9. <i>Nature Immunology</i> , 2007 , 8, 772-9 | 19.1 | 358 |
| 175 | Lipopolysaccharide rapidly traffics to and from the Golgi apparatus with the toll-like receptor 4-MD-2-CD14 complex in a process that is distinct from the initiation of signal transduction. <i>Journal of Biological Chemistry</i> , 2002 , 277, 47834-43 | 5.4 | 355 |
| 174 | Inflammatory response after open heart surgery: release of heat-shock protein 70 and signaling through toll-like receptor-4. <i>Circulation</i> , 2002 , 105, 685-90 | 16.7 | 335 |
| 173 | The NLRP3 inflammasome is up-regulated in cardiac fibroblasts and mediates myocardial ischaemia-reperfusion injury. <i>Cardiovascular Research</i> , 2013 , 99, 164-74 | 9.9 | 297 |
| 172 | Alginate polycation microcapsules. II. Some functional properties. <i>Biomaterials</i> , 1996 , 17, 1069-79 | 15.6 | 263 |
| 171 | Serum levels of tumor necrosis factor-alpha (TNF alpha) and soluble TNF receptors in human immunodeficiency virus type 1 infection--correlations to clinical, immunologic, and virologic parameters. <i>Journal of Infectious Diseases</i> , 1994 , 169, 420-4 | 7 | 256 |
| 170 | Human toll-like receptor 2 mediates monocyte activation by <i>Listeria monocytogenes</i> , but not by group B streptococci or lipopolysaccharide. <i>Journal of Immunology</i> , 2000 , 164, 2064-9 | 5.3 | 250 |
| 169 | Increased systemic and myocardial expression of neutrophil gelatinase-associated lipocalin in clinical and experimental heart failure. <i>European Heart Journal</i> , 2009 , 30, 1229-36 | 9.5 | 208 |

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| 168 | Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016 , 8, 333ra50 | 17.5 | 204 |
| 167 | Effect of high- versus low-dose angiotensin converting enzyme inhibition on cytokine levels in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 1999 , 34, 2061-7 | 15.1 | 193 |
| 166 | The cytokine stimulating activity of (1→3)-beta-D-glucans is dependent on the triple helix conformation. <i>Carbohydrate Research</i> , 2000 , 329, 587-96 | 2.9 | 186 |
| 165 | The involvement of CD14 in stimulation of cytokine production by uronic acid polymers. <i>European Journal of Immunology</i> , 1993 , 23, 255-61 | 6.1 | 182 |
| 164 | Lysines 128 and 132 enable lipopolysaccharide binding to MD-2, leading to Toll-like receptor-4 aggregation and signal transduction. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48313-20 | 5.4 | 178 |
| 163 | Cholesterol crystals induce complement-dependent inflammasome activation and cytokine release. <i>Journal of Immunology</i> , 2014 , 192, 2837-45 | 5.3 | 176 |
| 162 | Effect of a single dose of the interleukin-6 receptor antagonist tocilizumab on inflammation and troponin T release in patients with non-ST-elevation myocardial infarction: a double-blind, randomized, placebo-controlled phase 2 trial. <i>European Heart Journal</i> , 2016 , 37, 2406-13 | 9.5 | 172 |
| 161 | Successful reversal of spontaneous diabetes in dogs by intraperitoneal microencapsulated islets. <i>Transplantation</i> , 1992 , 54, 769-74 | 1.8 | 163 |
| 160 | Involvement of toll-like receptor (TLR) 2 and TLR4 in cell activation by mannuronic acid polymers. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35489-95 | 5.4 | 155 |
| 159 | The Rab11a GTPase controls Toll-like receptor 4-induced activation of interferon regulatory factor-3 on phagosomes. <i>Immunity</i> , 2010 , 33, 583-96 | 32.3 | 151 |
| 158 | Toll-like receptor 3 associates with c-Src tyrosine kinase on endosomes to initiate antiviral signaling. <i>EMBO Journal</i> , 2006 , 25, 3335-46 | 13 | 150 |
| 157 | NLRP3 Inflammasome Expression and Activation in Human Atherosclerosis. <i>Journal of the American Heart Association</i> , 2016 , 5, | 6 | 150 |
| 156 | Cytokine regulation of interleukin 6 production by human endothelial cells. <i>Cellular Immunology</i> , 1989 , 121, 372-82 | 4.4 | 138 |
| 155 | Elevated Levels of Serum-Soluble CD14 in Human Immunodeficiency Virus Type 1 (HIV-1) Infection: Correlation to Disease Progression and Clinical Events. <i>Blood</i> , 1998 , 92, 2084-2092 | 2.2 | 134 |
| 154 | Binding of lipopeptide to CD14 induces physical proximity of CD14, TLR2 and TLR1. <i>European Journal of Immunology</i> , 2005 , 35, 911-21 | 6.1 | 119 |
| 153 | Visualization of alginate-poly-L-lysine-alginate microcapsules by confocal laser scanning microscopy. <i>Biotechnology and Bioengineering</i> , 2003 , 82, 386-94 | 4.9 | 118 |
| 152 | Cellular trafficking of lipoteichoic acid and Toll-like receptor 2 in relation to signaling: role of CD14 and CD36. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 280-91 | 6.5 | 114 |
| 151 | TAG, a splice variant of the adaptor TRAM, negatively regulates the adaptor MyD88-independent TLR4 pathway. <i>Nature Immunology</i> , 2009 , 10, 579-86 | 19.1 | 107 |

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|-----|--|------|-----|
| 150 | Concomitant expression of hepatocyte growth factor/scatter factor and the receptor c-MET in human myeloma cell lines. <i>Journal of Biological Chemistry</i> , 1996 , 271, 24655-61 | 5.4 | 106 |
| 149 | Importance of extra- and intracellular domains of TLR1 and TLR2 in NFkappa B signaling. <i>Journal of Cell Biology</i> , 2003 , 162, 1099-110 | 7.3 | 101 |
| 148 | Transplantation of alginate microcapsules: generation of antibodies against alginates and encapsulated porcine islet-like cell clusters. <i>Transplantation</i> , 1999 , 67, 978-84 | 1.8 | 100 |
| 147 | TLR8 Senses Staphylococcus aureus RNA in Human Primary Monocytes and Macrophages and Induces IFN- γ Production via a TAK1-IKK β -NF κ B Signaling Pathway. <i>Journal of Immunology</i> , 2015 , 195, 1100-11 | 5.3 | 93 |
| 146 | Toll-like receptor-mediated tumor necrosis factor and interleukin-10 production differ during systemic inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 158-64 | 10.2 | 91 |
| 145 | Whole genome gene expression meta-analysis of inflammatory bowel disease colon mucosa demonstrates lack of major differences between Crohn's disease and ulcerative colitis. <i>PLoS ONE</i> , 2013 , 8, e56818 | 3.7 | 89 |
| 144 | Isolation and partial characterization of biologically active polysaccharides from <i>Plantago major</i> L.. <i>Phytotherapy Research</i> , 1995 , 9, 211-218 | 6.7 | 87 |
| 143 | Interleukin-6 in synovial fluid from patients with arthritis. <i>Clinical Immunology and Immunopathology</i> , 1989 , 50, 394-8 | | 86 |
| 142 | Alginate microbeads are complement compatible, in contrast to polycation containing microcapsules, as revealed in a human whole blood model. <i>Acta Biomaterialia</i> , 2011 , 7, 2566-78 | 10.8 | 84 |
| 141 | Alginate Polylysine Microcapsules as Immune Barrier: Permeability of Cytokines and Immunoglobulins over the Capsule Membrane. <i>Cell Transplantation</i> , 1997 , 6, 387-394 | 4 | 82 |
| 140 | Regulation of interleukin-2 and interleukin-6 production from T-cells: involvement of interleukin-1 beta and transforming growth factor-beta. <i>Cellular Immunology</i> , 1990 , 126, 47-56 | 4.4 | 74 |
| 139 | A role for the adaptor proteins TRAM and TRIF in toll-like receptor 2 signaling. <i>Journal of Biological Chemistry</i> , 2015 , 290, 3209-22 | 5.4 | 73 |
| 138 | Regulation of APO-2 ligand/trail expression in NK cells-involvement in NK cell-mediated cytotoxicity. <i>Cytokine</i> , 1999 , 11, 664-72 | 4 | 73 |
| 137 | Cutting edge: link between innate and adaptive immunity: Toll-like receptor 2 internalizes antigen for presentation to CD4+ T cells and could be an efficient vaccine target. <i>Journal of Immunology</i> , 2003 , 171, 32-6 | 5.3 | 72 |
| 136 | Heparin-like properties of sulfated alginates with defined sequences and sulfation degrees. <i>Biomacromolecules</i> , 2014 , 15, 2744-50 | 6.9 | 71 |
| 135 | Distinct roles of the two tumor necrosis factor (TNF) receptors in modulating TNF and lymphotoxin alpha effects. <i>Journal of Biological Chemistry</i> , 1996 , 271, 9778-84 | 5.4 | 71 |
| 134 | Regulation of Fas and Fas-ligand expression in NK cells by cytokines and the involvement of Fas-ligand in NK/LAK cell-mediated cytotoxicity. <i>Cytokine</i> , 1997 , 9, 394-404 | 4 | 70 |
| 133 | High level of fatigue in lymphoma patients treated with high dose therapy. <i>Journal of Pain and Symptom Management</i> , 2000 , 19, 446-56 | 4.8 | 69 |

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| 132 | Independent regulation of 55-kDa and 75-kDa tumor necrosis factor receptors during activation of human peripheral blood B lymphocytes. <i>European Journal of Immunology</i> , 1991 , 21, 1033-7 | 6.1 | 69 |
| 131 | The complement system and toll-like receptors as integrated players in the pathophysiology of atherosclerosis. <i>Atherosclerosis</i> , 2015 , 241, 480-94 | 3.1 | 68 |
| 130 | Increased expression of toll-like receptor 2 on monocytes in HIV infection: possible roles in inflammation and viral replication. <i>Clinical Infectious Diseases</i> , 2004 , 39, 264-9 | 11.6 | 65 |
| 129 | Tolerance induced by the lipopeptide Pam3Cys is due to ablation of IL-1R-associated kinase-1. <i>Journal of Immunology</i> , 2004 , 173, 2736-45 | 5.3 | 62 |
| 128 | Bacteroides fragilis-derived lipopolysaccharide produces cell activation and lethal toxicity via toll-like receptor 4. <i>Infection and Immunity</i> , 2005 , 73, 5620-7 | 3.7 | 62 |
| 127 | Cell-compatible covalently reinforced beads obtained from a chemoenzymatically engineered alginate. <i>Biomaterials</i> , 2006 , 27, 4726-37 | 15.6 | 58 |
| 126 | On-pump versus off-pump coronary artery bypass grafting: more heat-shock protein 70 is released after on-pump surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 25, 985-92 | 3 | 58 |
| 125 | A novel synthetic acyclic lipid A-like agonist activates cells via the lipopolysaccharide/toll-like receptor 4 signaling pathway. <i>Journal of Biological Chemistry</i> , 2001 , 276, 1873-80 | 5.4 | 57 |
| 124 | Involvement of the tumor necrosis factor receptor p75 in mediating cytotoxicity and gene regulating activities. <i>European Journal of Immunology</i> , 1994 , 24, 2842-9 | 6.1 | 52 |
| 123 | Immunomagnetic isolation of NK and LAK cells. <i>Journal of Immunological Methods</i> , 1991 , 136, 1-9 | 2.5 | 51 |
| 122 | Non-healing is associated with persistent stimulation of the innate immune response in chronic venous leg ulcers. <i>Journal of Dermatological Science</i> , 2010 , 59, 115-22 | 4.3 | 49 |
| 121 | Soluble TNF receptors in amniotic fluid and in urine from pregnant women. <i>Journal of Reproductive Immunology</i> , 1992 , 22, 105-16 | 4.2 | 49 |
| 120 | Elevated Levels of Serum-Soluble CD14 in Human Immunodeficiency Virus Type 1 (HIV-1) Infection: Correlation to Disease Progression and Clinical Events. <i>Blood</i> , 1998 , 92, 2084-2092 | 2.2 | 49 |
| 119 | Alterations in mucus barrier function and matrix structure induced by guluronate oligomers. <i>Biomacromolecules</i> , 2014 , 15, 2294-300 | 6.9 | 48 |
| 118 | Beta 2 integrins are involved in cytokine responses to whole Gram-positive bacteria. <i>Journal of Immunology</i> , 2000 , 164, 5871-6 | 5.3 | 48 |
| 117 | Synergistic effects of interleukin 4 and interleukin 12 on NK cell proliferation. <i>Cytokine</i> , 1993 , 5, 38-46 | 4 | 48 |
| 116 | A vital role for complement in heart disease. <i>Molecular Immunology</i> , 2014 , 61, 126-34 | 4.3 | 47 |
| 115 | Mechanisms of TLR9 activation. <i>Journal of Endotoxin Research</i> , 2004 , 10, 406-12 | | 47 |

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| 114 | A rapid and sensitive immunoassay for tumor necrosis factor using magnetic monodisperse polymer particles. <i>Journal of Immunological Methods</i> , 1990 , 134, 253-9 | 2.5 | 47 |
| 113 | Double blockade of CD14 and complement C5 abolishes the cytokine storm and improves morbidity and survival in polymicrobial sepsis in mice. <i>Journal of Immunology</i> , 2014 , 192, 5324-31 | 5.3 | 45 |
| 112 | Lipopolysaccharide and double-stranded RNA up-regulate toll-like receptor 2 independently of myeloid differentiation factor 88. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39727-35 | 5.4 | 45 |
| 111 | Enhanced expression of CXCL10 in inflammatory bowel disease: potential role of mucosal Toll-like receptor 3 stimulation. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 265-74 | 4.5 | 43 |
| 110 | Cellular sources and inducers of cytokines present in acute wound fluid. <i>Wound Repair and Regeneration</i> , 2011 , 19, 337-47 | 3.6 | 43 |
| 109 | Development, characterization and use of monoclonal antibodies against sTRAIL: measurement of sTRAIL by ELISA. <i>Journal of Immunological Methods</i> , 2002 , 259, 119-28 | 2.5 | 42 |
| 108 | Involvement of CD14 and beta2-integrins in activating cells with soluble and particulate lipopolysaccharides and mannuronic acid polymers. <i>Infection and Immunity</i> , 2000 , 68, 6770-6 | 3.7 | 41 |
| 107 | Human gingival CD14(+) fibroblasts primed with gamma interferon increase production of interleukin-8 in response to lipopolysaccharide through up-regulation of membrane CD14 and MyD88 mRNA expression. <i>Infection and Immunity</i> , 2002 , 70, 1272-8 | 3.7 | 37 |
| 106 | A flow cytometric and immunofluorescence microscopic study of tumor necrosis factor production and localization in human monocytes. <i>Cellular Immunology</i> , 1989 , 122, 405-15 | 4.4 | 37 |
| 105 | Stages of meningococcal sepsis simulated in vitro, with emphasis on complement and Toll-like receptor activation. <i>Infection and Immunity</i> , 2008 , 76, 4183-9 | 3.7 | 35 |
| 104 | Hypothesis: combined inhibition of complement and CD14 as treatment regimen to attenuate the inflammatory response. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 632, 253-63 | 3.6 | 35 |
| 103 | The induction of cytokines by polycation containing microspheres by a complement dependent mechanism. <i>Biomaterials</i> , 2013 , 34, 621-30 | 15.6 | 34 |
| 102 | Bacterial lipopolysaccharide induces expression of the stress response genes hop and H411. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21049-55 | 5.4 | 34 |
| 101 | Molecular mechanisms in the compartmentalized inflammatory response presenting as meningococcal meningitis or septic shock. <i>Microbial Pathogenesis</i> , 1992 , 13, 423-31 | 3.8 | 34 |
| 100 | The release of soluble p55 TNF receptor from U937 cells studied by a new p55 immunoassay. <i>Journal of Immunological Methods</i> , 1993 , 163, 145-54 | 2.5 | 33 |
| 99 | Assessment of insulin secretion in vitro from microencapsulated fetal porcine islet-like cell clusters and rat, mouse, and human pancreatic islets. <i>Transplantation</i> , 1997 , 63, 1712-8 | 1.8 | 33 |
| 98 | Combined inhibition of complement and CD14 efficiently attenuated the inflammatory response induced by Staphylococcus aureus in a human whole blood model. <i>Journal of Immunology</i> , 2014 , 192, 2857-64 | 5.3 | 32 |
| 97 | Dual inhibition of complement and Toll-like receptors as a novel approach to treat inflammatory diseases-C3 or C5 emerge together with CD14 as promising targets. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 193-204 | 6.5 | 32 |

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| 96 | Expression of receptors for tumor necrosis factor in human placenta at term. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1992 , 71, 417-24 | 3.8 | 32 |
| 95 | Bride and groom in systemic inflammation--the bells ring for complement and Toll in cooperation. <i>Immunobiology</i> , 2012 , 217, 1047-56 | 3.4 | 31 |
| 94 | Monocytic cell activation by Nonendotoxic glycoprotein from <i>Prevotella intermedia</i> ATCC 25611 is mediated by toll-like receptor 2. <i>Infection and Immunity</i> , 2001 , 69, 4951-7 | 3.7 | 30 |
| 93 | Polymorphonuclear granulocytes enhance lipopolysaccharide-induced soluble p75 tumor necrosis factor receptor release from mononuclear cells. <i>European Journal of Immunology</i> , 1995 , 25, 2714-7 | 6.1 | 30 |
| 92 | Butylated hydroxyanisole specifically inhibits tumor necrosis factor-induced cytotoxicity and growth enhancement. <i>Cytokine</i> , 1992 , 4, 269-80 | 4 | 30 |
| 91 | Human Toll-like Receptor 8 (TLR8) Is an Important Sensor of Pyogenic Bacteria, and Is Attenuated by Cell Surface TLR Signaling. <i>Frontiers in Immunology</i> , 2019 , 10, 1209 | 8.4 | 29 |
| 90 | A proviral role for CpG in cytomegalovirus infection. <i>Journal of Immunology</i> , 2009 , 182, 5672-81 | 5.3 | 29 |
| 89 | Cholesterol crystal-induced endothelial cell activation is complement-dependent and mediated by TNF. <i>Immunobiology</i> , 2014 , 219, 786-92 | 3.4 | 28 |
| 88 | Chimeric anti-CD14 IGG2/4 Hybrid antibodies for therapeutic intervention in pig and human models of inflammation. <i>Journal of Immunology</i> , 2013 , 191, 4769-77 | 5.3 | 28 |
| 87 | Mannose binding lectin and soluble Toll-like receptor 2 in heart failure following acute myocardial infarction. <i>Journal of Cardiac Failure</i> , 2006 , 12, 659-63 | 3.3 | 28 |
| 86 | Increased levels of soluble tumor necrosis factor-alpha receptors in serum from pregnant women and in serum and urine samples from newborns. <i>Pediatric Research</i> , 1993 , 33, 82-7 | 3.2 | 28 |
| 85 | CD14, TLR4 and TRAM Show Different Trafficking Dynamics During LPS Stimulation. <i>Traffic</i> , 2015 , 16, 677-90 | 5.7 | 27 |
| 84 | Surface Toll-like receptor 3 expression in metastatic intestinal epithelial cells induces inflammatory cytokine production and promotes invasiveness. <i>Journal of Biological Chemistry</i> , 2017 , 292, 15408-15425 | 5.4 | 27 |
| 83 | ROR α controls inflammatory state of human macrophages. <i>PLoS ONE</i> , 2018 , 13, e0207374 | 3.7 | 27 |
| 82 | Complement activation by cholesterol crystals triggers a subsequent cytokine response. <i>Molecular Immunology</i> , 2017 , 84, 43-50 | 4.3 | 26 |
| 81 | Relative chemokine and adhesion molecule expression in Mediterranean spotted fever and African tick bite fever. <i>Journal of Infection</i> , 2009 , 58, 68-75 | 18.9 | 26 |
| 80 | SLAMF1 is required for TLR4-mediated TRAM-TRIF-dependent signaling in human macrophages. <i>Journal of Cell Biology</i> , 2018 , 217, 1411-1429 | 7.3 | 25 |
| 79 | Combined inhibition of complement and CD14 improved outcome in porcine polymicrobial sepsis. <i>Critical Care</i> , 2015 , 19, 415 | 10.8 | 25 |

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| 78 | IL-10 enhances MD-2 and CD14 expression in monocytes and the proteins are increased and correlated in HIV-infected patients. <i>Journal of Immunology</i> , 2009 , 182, 588-95 | 5.3 | 25 |
| 77 | Tumor necrosis factor induces lipopolysaccharide tolerance in a human adenocarcinoma cell line mainly through the TNF p55 receptor. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25418-25 | 5.4 | 25 |
| 76 | Meconium-induced release of cytokines is mediated by the TLR4/MD-2 complex in a CD14-dependent manner. <i>Molecular Immunology</i> , 2010 , 47, 1226-34 | 4.3 | 24 |
| 75 | Cell distributions and functions of Toll-like receptor 4 studied by fluorescent gene constructs. <i>Scandinavian Journal of Infectious Diseases</i> , 2003 , 35, 660-4 | | 24 |
| 74 | Cholesterol Crystals Activate the Lectin Complement Pathway via Ficolin-2 and Mannose-Binding Lectin: Implications for the Progression of Atherosclerosis. <i>Journal of Immunology</i> , 2016 , 196, 5064-74 | 5.3 | 24 |
| 73 | Increased levels of legumain in plasma and plaques from patients with carotid atherosclerosis. <i>Atherosclerosis</i> , 2017 , 257, 216-223 | 3.1 | 23 |
| 72 | Reconstituted High-Density Lipoprotein Attenuates Cholesterol Crystal-Induced Inflammatory Responses by Reducing Complement Activation. <i>Journal of Immunology</i> , 2015 , 195, 257-64 | 5.3 | 23 |
| 71 | IFN-gamma-induced production of monocyte cytotoxic factor. <i>Cellular Immunology</i> , 1985 , 95, 392-406 | 4.4 | 23 |
| 70 | Cyclodextrin Reduces Cholesterol Crystal-Induced Inflammation by Modulating Complement Activation. <i>Journal of Immunology</i> , 2017 , 199, 2910-2920 | 5.3 | 22 |
| 69 | TLR3 mediates release of IL-1 β and cell death in keratinocytes in a caspase-4 dependent manner. <i>Journal of Dermatological Science</i> , 2013 , 72, 45-53 | 4.3 | 22 |
| 68 | TNF receptors in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 1994 , 13, 41-6 | 1.9 | 22 |
| 67 | Higher order structure of short immunostimulatory oligonucleotides studied by atomic force microscopy. <i>Ultramicroscopy</i> , 2010 , 110, 689-93 | 3.1 | 21 |
| 66 | Butylated hydroxyanisole inhibits tumor necrosis factor-induced cytotoxicity and arachidonic acid release. <i>Lipids</i> , 1994 , 29, 91-102 | 1.6 | 21 |
| 65 | Effects of n-3 and n-6 fatty acids on tumor necrosis factor cytotoxicity in WEHI fibrosarcoma cells. <i>Lipids</i> , 1992 , 27, 161-8 | 1.6 | 21 |
| 64 | Apoptosis, proliferation and NF-kappaB activation induced by agonistic Fas antibodies in the human myeloma cell line OH-2: amplification of Fas-mediated apoptosis by tumor necrosis factor. <i>European Journal of Haematology</i> , 1999 , 63, 345-53 | 3.8 | 20 |
| 63 | The role of the two TNF receptors in proliferation, NF-kappa B activation and discrimination between TNF and LT alpha signalling in the human myeloma cell line OH-2. <i>Cytokine</i> , 1996 , 8, 430-8 | 4 | 20 |
| 62 | The TLR4 adaptor TRAM controls the phagocytosis of Gram-negative bacteria by interacting with the Rab11-family interacting protein 2. <i>PLoS Pathogens</i> , 2019 , 15, e1007684 | 7.6 | 19 |
| 61 | Mucosal toll-like receptor 3-dependent synthesis of complement factor B and systemic complement activation in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 995-1003 ^{4.5} | | 19 |

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|----|--|------|----|
| 60 | The LPS receptor generates inflammatory signals from the cell surface. <i>Journal of Endotoxin Research</i> , 2003 , 9, 375-80 | | 19 |
| 59 | The role of interleukin-2 in regulating the sensitivity of natural killer cells for Fas-mediated apoptosis. <i>Cancer Immunology, Immunotherapy</i> , 1999 , 48, 139-46 | 7.4 | 19 |
| 58 | Compartmentalization of TNF and IL-6 in meningitis and septic shock. <i>Mediators of Inflammation</i> , 1993 , 2, 23-5 | 4.3 | 19 |
| 57 | Interleukin 27 is increased in carotid atherosclerosis and promotes NLRP3 inflammasome activation. <i>PLoS ONE</i> , 2017 , 12, e0188387 | 3.7 | 19 |
| 56 | Cytokine Profiles in Human Metapneumovirus Infected Children: Identification of Genes Involved in the Antiviral Response and Pathogenesis. <i>PLoS ONE</i> , 2016 , 11, e0155484 | 3.7 | 19 |
| 55 | Toll-Like Receptor 8 Is a Major Sensor of Group B But Not in Human Primary Monocytes and Macrophages. <i>Frontiers in Immunology</i> , 2017 , 8, 1243 | 8.4 | 18 |
| 54 | Human monocyte receptors involved in tumor necrosis factor responses to group B streptococcal products. <i>Infection and Immunity</i> , 2000 , 68, 994-8 | 3.7 | 18 |
| 53 | Development of immunoassays for the detection of soluble tumour necrosis factor receptors. <i>Journal of Immunological Methods</i> , 1991 , 141, 237-43 | 2.5 | 18 |
| 52 | Cholesterol Crystals Induce Coagulation Activation through Complement-Dependent Expression of Monocytic Tissue Factor. <i>Journal of Immunology</i> , 2019 , 203, 853-863 | 5.3 | 17 |
| 51 | The proportion of CD16(+)CD14(dim) monocytes increases with tumor cell load in bone marrow of patients with multiple myeloma. <i>Immunity, Inflammation and Disease</i> , 2015 , 3, 94-102 | 2.4 | 17 |
| 50 | CpG-oligodeoxynucleotide inhibits Smad-dependent bone morphogenetic protein signaling: effects on myeloma cell apoptosis and in vitro osteoblastogenesis. <i>Journal of Immunology</i> , 2010 , 185, 3131-9 | 5.3 | 17 |
| 49 | Effects of intravenous immunoglobulin in vivo on abnormally increased tumor necrosis factor-alpha activity in human immunodeficiency virus type 1 infection. <i>Journal of Infectious Diseases</i> , 1997 , 176, 913-23 | 7.3 | 17 |
| 48 | Transplantation of alginate microcapsules with proliferating cells in mice: capsular overgrowth and survival of encapsulated cells of mice and human origin. <i>Annals of the New York Academy of Sciences</i> , 2001 , 944, 216-25 | 6.5 | 17 |
| 47 | Cholesterol crystals use complement to increase NLRP3 signaling pathways in coronary and carotid atherosclerosis. <i>EBioMedicine</i> , 2020 , 60, 102985 | 8.8 | 17 |
| 46 | Soluble toll-like receptor 2 in HIV infection: association with disease progression. <i>Aids</i> , 2004 , 18, 2437-9 | 3.5 | 17 |
| 45 | Alginate microsphere compositions dictate different mechanisms of complement activation with consequences for cytokine release and leukocyte activation. <i>Journal of Controlled Release</i> , 2016 , 229, 58-69 | 11.7 | 16 |
| 44 | High concentrations of the soluble p55 tumour necrosis factor receptor in human seminal plasma. <i>Human Reproduction</i> , 1993 , 8, 1837-42 | 5.7 | 16 |
| 43 | Complement Component C5 and TLR Molecule CD14 Mediate Heme-Induced Thromboinflammation in Human Blood. <i>Journal of Immunology</i> , 2019 , 203, 1571-1578 | 5.3 | 16 |

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| 42 | Alpha-cyclodextrin inhibits cholesterol crystal-induced complement-mediated inflammation: A potential new compound for treatment of atherosclerosis. <i>Atherosclerosis</i> , 2019 , 283, 35-42 | 3.1 | 14 |
| 41 | Alginates induce differentiation and expression of CXCR7 and CXCL12/SDF-1 in human keratinocytes--the role of calcium. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 2803-12 | 5.4 | 14 |
| 40 | Soluble CD14 from urine copurifies with a potent inducer of cytokines. <i>European Journal of Immunology</i> , 1994 , 24, 1779-84 | 6.1 | 14 |
| 39 | Butyrate effects on growth, morphology, and fibronectin production in PC-3 prostatic carcinoma cells. <i>Prostate</i> , 1988 , 12, 65-77 | 4.2 | 14 |
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