

# Terje Espevik

## List of Publications by Year in Descending Order

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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 | Mitochondrial C5aR1 activity in macrophages controls IL-1 $\beta$ production underlying sterile inflammation.. <i>Science Immunology</i> , <b>2021</b> , 6, eabf2489  | 28   | 5         |
| 184 | Benzyl-para-di-[5-methyl-4-(n-octylamino) pyrimidin-2(1H)one] as an interferon beta (IFN- $\beta$ ) modulator. <i>Molecular Diversity</i> , <b>2021</b> , 1   | 3.1  | 1         |
| 183 | UMP-CMP kinase 2 gene expression in macrophages is dependent on the IRF3-IFNAR signaling axis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258989   | 3.7  | 1         |
| 182 | Combined blockade of complement C5 and TLR co-receptor CD14 synergistically inhibits pig-to-human corneal xenograft induced innate inflammatory responses. <i>Acta Biomaterialia</i> , <b>2021</b> , 127, 169-179                 | 10.8 | 3         |
| 181 | TLR8 and complement C5 induce cytokine release and thrombin activation in human whole blood challenged with Gram-positive bacteria. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 107, 673-683                              | 6.5  | 4         |
| 180 | NHDL, a recombinant V/V hybrid antibody control for IgG2/4 antibodies. <i>MAbs</i> , <b>2020</b> , 12, 1686319  | 6.6  | 1         |
| 179 | Legumain is upregulated in acute cardiovascular events and associated with improved outcome - potentially related to anti-inflammatory effects on macrophages. <i>Atherosclerosis</i> , <b>2020</b> , 296, 74-82                  | 3.1  | 4         |
| 178 | Cholesterol crystals use complement to increase NLRP3 signaling pathways in coronary and carotid atherosclerosis. <i>EBioMedicine</i> , <b>2020</b> , 60, 102985  | 8.8  | 17        |
| 177 | Serum Omega-6 Fatty Acids and Immunology-Related Gene Expression in Peripheral Blood Mononuclear Cells: A Cross-Sectional Analysis in Healthy Children. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1800990 | 5.9  | 1         |
| 176 | Alpha-cyclodextrin inhibits cholesterol crystal-induced complement-mediated inflammation: A potential new compound for treatment of atherosclerosis. <i>Atherosclerosis</i> , <b>2019</b> , 283, 35-42                            | 3.1  | 14        |
| 175 | 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> , <b>2019</b> , 10, 1209   | 8.4  | 29        |
| 174 | The TLR4 adaptor TRAM controls the phagocytosis of Gram-negative bacteria by interacting with the Rab11-family interacting protein 2. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007684  | 7.6  | 19        |
| 173 | Cholesterol Crystals Induce Coagulation Activation through Complement-Dependent Expression of Monocytic Tissue Factor. <i>Journal of Immunology</i> , <b>2019</b> , 203, 853-863  | 5.3  | 17        |
| 172 | Complement Component C5 and TLR Molecule CD14 Mediate Heme-Induced Thromboinflammation in Human Blood. <i>Journal of Immunology</i> , <b>2019</b> , 203, 1571-1578  | 5.3  | 16        |
| 171 | Combined Inhibition of C5 and CD14 Attenuates Systemic Inflammation in a Piglet Model of Meconium Aspiration Syndrome. <i>Neonatology</i> , <b>2018</b> , 113, 322-330  | 4    | 5         |
| 170 | SLAMF1 is required for TLR4-mediated TRAM-TRIF-dependent signaling in human macrophages. <i>Journal of Cell Biology</i> , <b>2018</b> , 217, 1411-1429  | 7.3  | 25        |
| 169 | Coactivation of TLR2 and TLR8 in Primary Human Monocytes Triggers a Distinct Inflammatory Signaling Response. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 618   | 4.6  | 10        |

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| 168 | ROR1 controls inflammatory state of human macrophages. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207374   | 3.7  | 27  |
| 167 | IL-6 Receptor Inhibition by Tocilizumab Attenuated Expression of C5a Receptor 1 and 2 in Non-ST-Elevation Myocardial Infarction. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2035   | 8.4  | 12  |
| 166 | Interleukin-6 receptor inhibition with tocilizumab induces a selective and substantial increase in plasma IP-10 and MIP-1 $\alpha$ in non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , <b>2018</b> , 271, 1-7 | 3.2  | 13  |
| 165 | Increased expression of TFPI in human carotid stenosis. <i>Thrombosis Research</i> , <b>2017</b> , 155, 31-37   | 8.2  | 2   |
| 164 | Alginate microbeads are coagulation compatible, while alginate microcapsules activate coagulation secondary to complement or directly through FXII. <i>Acta Biomaterialia</i> , <b>2017</b> , 58, 158-167   | 10.8 | 13  |
| 163 | Increased levels of legumain in plasma and plaques from patients with carotid atherosclerosis. <i>Atherosclerosis</i> , <b>2017</b> , 257, 216-223  | 3.1  | 23  |
| 162 | Cyclodextrin Reduces Cholesterol Crystal-Induced Inflammation by Modulating Complement Activation. <i>Journal of Immunology</i> , <b>2017</b> , 199, 2910-2920  | 5.3  | 22  |
| 161 | Surface Toll-like receptor 3 expression in metastatic intestinal epithelial cells induces inflammatory cytokine production and promotes invasiveness. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 15408-15425                     | 5.4  | 27  |
| 160 | Tissue factor pathway inhibitor attenuates ER stress-induced inflammation in human M2-polarized macrophages. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 491, 442-448  | 3.4  | 7   |
| 159 | Combined inhibition of C5 and CD14 efficiently attenuated the inflammatory response in a porcine model of meningococcal sepsis. <i>Journal of Intensive Care</i> , <b>2017</b> , 5, 21  | 7    | 11  |
| 158 | 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> , <b>2017</b> , 101, 193-204                | 6.5  | 32  |
| 157 | Complement activation by cholesterol crystals triggers a subsequent cytokine response. <i>Molecular Immunology</i> , <b>2017</b> , 84, 43-50  | 4.3  | 26  |
| 156 | Toll-Like Receptor 8 Is a Major Sensor of Group B But Not in Human Primary Monocytes and Macrophages. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1243  | 8.4  | 18  |
| 155 | Interleukin 27 is increased in carotid atherosclerosis and promotes NLRP3 inflammasome activation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188387   | 3.7  | 19  |
| 154 | Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 333ra50   | 17.5 | 204 |
| 153 | Alginate microsphere compositions dictate different mechanisms of complement activation with consequences for cytokine release and leukocyte activation. <i>Journal of Controlled Release</i> , <b>2016</b> , 229, 58-69                          | 11.7 | 16  |
| 152 | Human Endothelial Cell Activation by Escherichia coli and Staphylococcus aureus Is Mediated by TNF and IL-1 $\beta$ Secondly to Activation of C5 and CD14 in Whole Blood. <i>Journal of Immunology</i> , <b>2016</b> , 196, 2293-9                | 5.3  | 10  |
| 151 | Cytokine Profiles in Human Metapneumovirus Infected Children: Identification of Genes Involved in the Antiviral Response and Pathogenesis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155484   | 3.7  | 19  |

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| 150 | NLRP3 Inflammasome Expression and Activation in Human Atherosclerosis. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,   | 6    | 150 |
| 149 | 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> , <b>2016</b> , 196, 5064-74   | 5.3  | 24  |
| 148 | Combined Inhibition of Complement and CD14 Attenuates Bacteria-Induced Inflammation in Human Whole Blood More Efficiently Than Antagonizing the Toll-like Receptor 4-MD2 Complex. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 140-50  | 7    | 10  |
| 147 | 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> , <b>2016</b> , 37, 2406-13 | 9.5  | 172 |
| 146 | A role for the adaptor proteins TRAM and TRIF in toll-like receptor 2 signaling. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 3209-22   | 5.4  | 73  |
| 145 | CD14, TLR4 and TRAM Show Different Trafficking Dynamics During LPS Stimulation. <i>Traffic</i> , <b>2015</b> , 16, 677-90  | 5.7  | 27  |
| 144 | The complement system and toll-like receptors as integrated players in the pathophysiology of atherosclerosis. <i>Atherosclerosis</i> , <b>2015</b> , 241, 480-94  | 3.1  | 68  |
| 143 | TLR8 Senses Staphylococcus aureus RNA in Human Primary Monocytes and Macrophages and Induces IFN- $\beta$ Production via a TAK1-IKK $\beta$ -IRF5 Signaling Pathway. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1100-11   | 5.3  | 93  |
| 142 | Gene expression profiling of Gram-negative bacteria-induced inflammation in human whole blood: The role of complement and CD14-mediated innate immune response. <i>Genomics Data</i> , <b>2015</b> , 5, 176-83   |      | 4   |
| 141 | The anti-inflammatory effect of combined complement and CD14 inhibition is preserved during escalating bacterial load. <i>Clinical and Experimental Immunology</i> , <b>2015</b> , 181, 457-67   | 6.2  | 7   |
| 140 | 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> , <b>2015</b> , 3, 94-102  | 2.4  | 17  |
| 139 | Combined inhibition of complement and CD14 improved outcome in porcine polymicrobial sepsis. <i>Critical Care</i> , <b>2015</b> , 19, 415  | 10.8 | 25  |
| 138 | Reconstituted High-Density Lipoprotein Attenuates Cholesterol Crystal-Induced Inflammatory Responses by Reducing Complement Activation. <i>Journal of Immunology</i> , <b>2015</b> , 195, 257-64   | 5.3  | 23  |
| 137 | CD14 and complement crosstalk and largely mediate the transcriptional response to Escherichia coli in human whole blood as revealed by DNA microarray. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117261  | 3.7  | 14  |
| 136 | Cholesterol crystals induce complement-dependent inflammasome activation and cytokine release. <i>Journal of Immunology</i> , <b>2014</b> , 192, 2837-45   | 5.3  | 176 |
| 135 | A vital role for complement in heart disease. <i>Molecular Immunology</i> , <b>2014</b> , 61, 126-34   | 4.3  | 47  |
| 134 | Cholesterol crystal-induced endothelial cell activation is complement-dependent and mediated by TNF. <i>Immunobiology</i> , <b>2014</b> , 219, 786-92  | 3.4  | 28  |
| 133 | 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> , <b>2014</b> , 192, 2857-64   | 5.3  | 32  |

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| 132 | Alterations in mucus barrier function and matrix structure induced by guluronate oligomers. <i>Biomacromolecules</i> , <b>2014</b> , 15, 2294-300  | 6.9  | 48  |
| 131 | Heparin-like properties of sulfated alginates with defined sequences and sulfation degrees. <i>Biomacromolecules</i> , <b>2014</b> , 15, 2744-50   | 6.9  | 71  |
| 130 | The adaptor ASC has extracellular and Prionoid Activities that propagate inflammation. <i>Nature Immunology</i> , <b>2014</b> , 15, 727-37   | 19.1 | 490 |
| 129 | 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> , <b>2014</b> , 192, 5324-31                  | 5.3  | 45  |
| 128 | Mucosal toll-like receptor 3-dependent synthesis of complement factor B and systemic complement activation in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 995-1003              | 4.5  | 19  |
| 127 | Enhanced expression of CXCL10 in inflammatory bowel disease: potential role of mucosal Toll-like receptor 3 stimulation. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 265-74                                 | 4.5  | 43  |
| 126 | The NLRP3 inflammasome is up-regulated in cardiac fibroblasts and mediates myocardial ischaemia-reperfusion injury. <i>Cardiovascular Research</i> , <b>2013</b> , 99, 164-74  | 9.9  | 297 |
| 125 | The induction of cytokines by polycation containing microspheres by a complement dependent mechanism. <i>Biomaterials</i> , <b>2013</b> , 34, 621-30   | 15.6 | 34  |
| 124 | TLR3 mediates release of IL-1 $\beta$ and cell death in keratinocytes in a caspase-4 dependent manner. <i>Journal of Dermatological Science</i> , <b>2013</b> , 72, 45-53  | 4.3  | 22  |
| 123 | Chimeric anti-CD14 IGG2/4 Hybrid antibodies for therapeutic intervention in pig and human models of inflammation. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4769-77  | 5.3  | 28  |
| 122 | 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> , <b>2013</b> , 8, e56818 | 3.7  | 89  |
| 121 | Biocompatibility and Biotolerability Assessment of Microspheres Using a Whole Blood Model. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 177-185   | 0.6  | 7   |
| 120 | Microencapsulation of small intestinal neuroendocrine neoplasm cells for tumor model studies. <i>Cancer Science</i> , <b>2012</b> , 103, 1230-7  | 6.9  | 12  |
| 119 | Bride and groom in systemic inflammation--the bells ring for complement and Toll in cooperation. <i>Immunobiology</i> , <b>2012</b> , 217, 1047-56   | 3.4  | 31  |
| 118 | Direct measurement of the interaction force between immunostimulatory CpG-DNA and TLR9 fusion protein. <i>Journal of Molecular Recognition</i> , <b>2012</b> , 25, 74-81   | 2.6  | 5   |
| 117 | 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> , <b>2012</b> , 100, 2803-12           | 5.4  | 14  |
| 116 | Oligodeoxynucleotides inhibit Toll-like receptor 3 mediated cytotoxicity and CXCL8 release in keratinocytes. <i>Experimental Dermatology</i> , <b>2012</b> , 21, 7-12  | 4    | 12  |
| 115 | Cellular sources and inducers of cytokines present in acute wound fluid. <i>Wound Repair and Regeneration</i> , <b>2011</b> , 19, 337-47   | 3.6  | 43  |

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| 114 | Alginate microbeads are complement compatible, in contrast to polycation containing microcapsules, as revealed in a human whole blood model. <i>Acta Biomaterialia</i> , <b>2011</b> , 7, 2566-78  | 10.8 | 84   |
| 113 | NLRP3 inflammasomes are required for atherogenesis and activated by cholesterol crystals. <i>Nature</i> , <b>2010</b> , 464, 1357-61   | 50.4 | 2450 |
| 112 | CpG-oligodeoxynucleotide inhibits Smad-dependent bone morphogenetic protein signaling: effects on myeloma cell apoptosis and in vitro osteoblastogenesis. <i>Journal of Immunology</i> , <b>2010</b> , 185, 3131-9   | 5.3  | 17   |
| 111 | Non-healing is associated with persistent stimulation of the innate immune response in chronic venous leg ulcers. <i>Journal of Dermatological Science</i> , <b>2010</b> , 59, 115-22  | 4.3  | 49   |
| 110 | Meconium-induced release of cytokines is mediated by the TLR4/MD-2 complex in a CD14-dependent manner. <i>Molecular Immunology</i> , <b>2010</b> , 47, 1226-34   | 4.3  | 24   |
| 109 | The Rab11a GTPase controls Toll-like receptor 4-induced activation of interferon regulatory factor-3 on phagosomes. <i>Immunity</i> , <b>2010</b> , 33, 583-96   | 32.3 | 151  |
| 108 | Higher order structure of short immunostimulatory oligonucleotides studied by atomic force microscopy. <i>Ultramicroscopy</i> , <b>2010</b> , 110, 689-93  | 3.1  | 21   |
| 107 | The Medicinal and Antitumor Mushroom, <i>Agaricus Blazei</i> Murill, Activates NF- $\kappa$ B Via TLR2 but Not TLR4 In Monocytic Cells, and Stimulates Monocyte-Derived Dendritic Cells (MDDC) to Increased Cell Surface Marker Expression and Cytokine Production, and May Thus Have Adjuvant Effect In MDDC Cancer Vaccines. <i>Blood</i> , <b>2010</b> , 116, 3904-3904 | 2.2  |      |
| 106 | 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> , <b>2009</b> , 182, 588-95  | 5.3  | 25   |
| 105 | A proviral role for CpG in cytomegalovirus infection. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5672-81  | 5.3  | 29   |
| 104 | Increased systemic and myocardial expression of neutrophil gelatinase-associated lipocalin in clinical and experimental heart failure. <i>European Heart Journal</i> , <b>2009</b> , 30, 1229-36   | 9.5  | 208  |
| 103 | TAG, a splice variant of the adaptor TRAM, negatively regulates the adaptor MyD88-independent TLR4 pathway. <i>Nature Immunology</i> , <b>2009</b> , 10, 579-86  | 19.1 | 107  |
| 102 | Relative chemokine and adhesion molecule expression in Mediterranean spotted fever and African tick bite fever. <i>Journal of Infection</i> , <b>2009</b> , 58, 68-75  | 18.9 | 26   |
| 101 | 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> , <b>2008</b> , 84, 280-91   | 6.5  | 114  |
| 100 | Stages of meningococcal sepsis simulated in vitro, with emphasis on complement and Toll-like receptor activation. <i>Infection and Immunity</i> , <b>2008</b> , 76, 4183-9   | 3.7  | 35   |
| 99  | Hypothesis: combined inhibition of complement and CD14 as treatment regimen to attenuate the inflammatory response. <i>Advances in Experimental Medicine and Biology</i> , <b>2008</b> , 632, 253-63   | 3.6  | 35   |
| 98  | Ligand-induced conformational changes allosterically activate Toll-like receptor 9. <i>Nature Immunology</i> , <b>2007</b> , 8, 772-9  | 19.1 | 358  |
| 97  | Mannose binding lectin and soluble Toll-like receptor 2 in heart failure following acute myocardial infarction. <i>Journal of Cardiac Failure</i> , <b>2006</b> , 12, 659-63   | 3.3  | 28   |

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|----|--|------|------|
| 96 | Endocytic pathways regulate Toll-like receptor 4 signaling and link innate and adaptive immunity. <i>EMBO Journal</i> , <b>2006</b> , 25, 683-92   | 13   | 360  |
| 95 | Toll-like receptor 3 associates with c-Src tyrosine kinase on endosomes to initiate antiviral signaling. <i>EMBO Journal</i> , <b>2006</b> , 25, 3335-46   | 13   | 150  |
| 94 | Cell-compatible covalently reinforced beads obtained from a chemoenzymatically engineered alginate. <i>Biomaterials</i> , <b>2006</b> , 27, 4726-37  | 15.6 | 58   |
| 93 | Binding of lipopeptide to CD14 induces physical proximity of CD14, TLR2 and TLR1. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 911-21   | 6.1  | 119  |
| 92 | Bacteroides fragilis-derived lipopolysaccharide produces cell activation and lethal toxicity via toll-like receptor 4. <i>Infection and Immunity</i> , <b>2005</b> , 73, 5620-7  | 3.7  | 62   |
| 91 | Increased expression of toll-like receptor 2 on monocytes in HIV infection: possible roles in inflammation and viral replication. <i>Clinical Infectious Diseases</i> , <b>2004</b> , 39, 264-9                                      | 11.6 | 65   |
| 90 | Tolerance induced by the lipopeptide Pam3Cys is due to ablation of IL-1R-associated kinase-1. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2736-45  | 5.3  | 62   |
| 89 | Lipopolysaccharide and double-stranded RNA up-regulate toll-like receptor 2 independently of myeloid differentiation factor 88. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 39727-35                                 | 5.4  | 45   |
| 88 | 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> , <b>2004</b> , 25, 985-92                                 | 3    | 58   |
| 87 | Mechanisms of TLR9 activation. <i>Journal of Endotoxin Research</i> , <b>2004</b> , 10, 406-12   |      | 47   |
| 86 | TLR9 signals after translocating from the ER to CpG DNA in the lysosome. <i>Nature Immunology</i> , <b>2004</b> , 5, 190-8   | 19.1 | 1085 |
| 85 | Soluble toll-like receptor 2 in HIV infection: association with disease progression. <i>Aids</i> , <b>2004</b> , 18, 2437-9  | 3.5  | 17   |
| 84 | 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> , <b>2003</b> , 171, 32-6 | 5.3  | 72   |
| 83 | Importance of extra- and intracellular domains of TLR1 and TLR2 in NFkappa B signaling. <i>Journal of Cell Biology</i> , <b>2003</b> , 162, 1099-110   | 7.3  | 101  |
| 82 | The LPS receptor generates inflammatory signals from the cell surface. <i>Journal of Endotoxin Research</i> , <b>2003</b> , 9, 375-80  |      | 19   |
| 81 | Visualization of alginate-poly-L-lysine-alginate microcapsules by confocal laser scanning microscopy. <i>Biotechnology and Bioengineering</i> , <b>2003</b> , 82, 386-94   | 4.9  | 118  |
| 80 | 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> , <b>2003</b> , 168, 158-64                   | 10.2 | 91   |
| 79 | 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> , <b>2003</b> , 278, 48313-20                             | 5.4  | 178  |

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|----|--|------|-----|
| 78 | Cell distributions and functions of Toll-like receptor 4 studied by fluorescent gene constructs. <i>Scandinavian Journal of Infectious Diseases</i> , <b>2003</b> , 35, 660-4  |      | 24  |
| 77 | Development, characterization and use of monoclonal antibodies against sTRAIL: measurement of sTRAIL by ELISA. <i>Journal of Immunological Methods</i> , <b>2002</b> , 259, 119-28   | 2.5  | 42  |
| 76 | 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> , <b>2002</b> , 277, 47834-43 | 5.4  | 355 |
| 75 | 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> , <b>2002</b> , 277, 48122-9   | 5.4  | 452 |
| 74 | 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> , <b>2002</b> , 70, 1272-8  | 3.7  | 37  |
| 73 | Involvement of toll-like receptor (TLR) 2 and TLR4 in cell activation by mannuronic acid polymers. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 35489-95  | 5.4  | 155 |
| 72 | Inflammatory response after open heart surgery: release of heat-shock protein 70 and signaling through toll-like receptor-4. <i>Circulation</i> , <b>2002</b> , 105, 685-90  | 16.7 | 335 |
| 71 | The proinflammatory CD14+CD16+DR++ monocytes are a major source of TNF. <i>Journal of Immunology</i> , <b>2002</b> , 168, 3536-42  | 5.3  | 647 |
| 70 | Microencapsulation of cells producing therapeutic proteins: optimizing cell growth and secretion. <i>Cell Transplantation</i> , <b>2002</b> , 11, 313-24   | 4    | 12  |
| 69 | 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> , <b>2001</b> , 944, 216-25                         | 6.5  | 17  |
| 68 | 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> , <b>2001</b> , 276, 1873-80  | 5.4  | 57  |
| 67 | 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> , <b>2001</b> , 69, 4951-7  | 3.7  | 30  |
| 66 | The cytokine stimulating activity of (1 $\rightarrow$ 3)-beta-D-glucans is dependent on the triple helix conformation. <i>Carbohydrate Research</i> , <b>2000</b> , 329, 587-96  | 2.9  | 186 |
| 65 | High level of fatigue in lymphoma patients treated with high dose therapy. <i>Journal of Pain and Symptom Management</i> , <b>2000</b> , 19, 446-56  | 4.8  | 69  |
| 64 | Beta 2 integrins are involved in cytokine responses to whole Gram-positive bacteria. <i>Journal of Immunology</i> , <b>2000</b> , 164, 5871-6  | 5.3  | 48  |
| 63 | 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> , <b>2000</b> , 164, 2064-9   | 5.3  | 250 |
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