

# Katrina Gee

## List of Publications by Citations

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52  
papers

1,930  
citations

23  
h-index

43  
g-index

61  
ext. papers

2,187  
ext. citations

4.9  
avg, IF

4.63  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 52 | The p38 mitogen-activated kinase pathway regulates the human interleukin-10 promoter via the activation of Sp1 transcription factor in lipopolysaccharide-stimulated human macrophages. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 13664-74  | 5.4 | 260       |
| 51 | The IL-12 family of cytokines in infection, inflammation and autoimmune disorders. <i>Inflammation and Allergy: Drug Targets</i> , <b>2009</b> , 8, 40-52   |     | 220       |
| 50 | Dexamethasone inhibits IL-12p40 production in lipopolysaccharide-stimulated human monocytic cells by down-regulating the activity of c-Jun N-terminal kinase, the activation protein-1, and NF-kappa B transcription factors. <i>Journal of Immunology</i> , <b>2004</b> , 172, 318-30  | 5.3 | 117       |
| 49 | Dependence of pathogen molecule-induced toll-like receptor activation and cell function on Neu1 sialidase. <i>Glycoconjugate Journal</i> , <b>2009</b> , 26, 1197-212   | 3   | 90        |
| 48 | IL-27 enhances LPS-induced proinflammatory cytokine production via upregulation of TLR4 expression and signaling in human monocytes. <i>Journal of Immunology</i> , <b>2012</b> , 188, 864-73   | 5.3 | 84        |
| 47 | Interleukin-27 induces a STAT1/3- and NF-kappaB-dependent proinflammatory cytokine profile in human monocytes. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 24404-11   | 5.4 | 76        |
| 46 | The Toll for Trafficking: Toll-Like Receptor 7 Delivery to the Endosome. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1075   | 8.4 | 73        |
| 45 | IL-10 regulation by HIV-Tat in primary human monocytic cells: involvement of calmodulin/calmodulin-dependent protein kinase-activated p38 MAPK and Sp-1 and CREB-1 transcription factors. <i>Journal of Immunology</i> , <b>2007</b> , 178, 798-807   | 5.3 | 68        |
| 44 | Tumor necrosis factor-alpha induces functionally active hyaluronan-adhesive CD44 by activating sialidase through p38 mitogen-activated protein kinase in lipopolysaccharide-stimulated human monocytic cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 37275-87  | 5.4 | 66        |
| 43 | IL-7 decreases IL-7 receptor alpha (CD127) expression and induces the shedding of CD127 by human CD8+ T cells. <i>International Immunology</i> , <b>2007</b> , 19, 1329-39  | 4.9 | 61        |
| 42 | Neu1 sialidase and matrix metalloproteinase-9 cross-talk is essential for Toll-like receptor activation and cellular signaling. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 36532-49  | 5.4 | 59        |
| 41 | Differential regulation of CD44 expression by lipopolysaccharide (LPS) and TNF-alpha in human monocytic cells: distinct involvement of c-Jun N-terminal kinase in LPS-induced CD44 expression. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5660-72  | 5.3 | 58        |
| 40 | Neu1 sialidase and matrix metalloproteinase-9 cross-talk is essential for neurotrophin activation of Trk receptors and cellular signaling. <i>Cellular Signalling</i> , <b>2010</b> , 22, 1193-205  | 4.9 | 50        |
| 39 | Differential involvement of calmodulin-dependent protein kinase II-activated AP-1 and c-Jun N-terminal kinase-activated EGR-1 signaling pathways in tumor necrosis factor-alpha and lipopolysaccharide-induced CD44 expression in human monocytic cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 26825-37 | 5.4 | 47        |
| 38 | Intracellular HIV-Tat expression induces IL-10 synthesis by the CREB-1 transcription factor through Ser133 phosphorylation and its regulation by the ERK1/2 MAPK in human monocytic cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 31647-58   | 5.4 | 41        |
| 37 | Distinct role of p38 and c-Jun N-terminal kinases in IL-10-dependent and IL-10-independent regulation of the costimulatory molecule B7.2 in lipopolysaccharide-stimulated human monocytic cells. <i>Journal of Immunology</i> , <b>2002</b> , 168, 1759-69  | 5.3 | 38        |
| 36 | IL-27, IL-30, and IL-35: A Cytokine Triumvirate in Cancer. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 969  | 5.3 | 34        |

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|----|--|-----|----|
| 35 | Regulation of B7.1 costimulatory molecule is mediated by the IFN regulatory factor-7 through the activation of JNK in lipopolysaccharide-stimulated human monocytic cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 5690-700  | 5.3 | 34 |
| 34 | BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , <b>2017</b> , 91,   | 6.6 | 29 |
| 33 | STAT-1 mediates the stimulatory effect of IL-10 on CD14 expression in human monocytic cells. <i>Journal of Immunology</i> , <b>2005</b> , 174, 7823-32   | 5.3 | 29 |
| 32 | Cyclosporin A and FK506 inhibit IL-12p40 production through the calmodulin/calmodulin-dependent protein kinase-activated phosphoinositide 3-kinase in lipopolysaccharide-stimulated human monocytic cells. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 13351-62                        | 5.4 | 28 |
| 31 | IL-27 enhances LPS-induced IL-1 $\beta$ in human monocytes and murine macrophages. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 102, 83-94  | 6.5 | 27 |
| 30 | Interleukin (IL)-6 Inhibits IL-27- and IL-30-Mediated Inflammatory Responses in Human Monocytes. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 256   | 8.4 | 23 |
| 29 | Distinct role of calmodulin and calmodulin-dependent protein kinase-II in lipopolysaccharide and tumor necrosis factor-alpha-mediated suppression of apoptosis and antiapoptotic c-IAP2 gene expression in human monocytic cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 37536-46 | 5.4 | 23 |
| 28 | The Role of Virus Infection in Deregulating the Cytokine Response to Secondary Bacterial Infection. <i>Journal of Interferon and Cytokine Research</i> , <b>2015</b> , 35, 925-34  | 3.5 | 21 |
| 27 | Interleukin-23-induced interleukin-23 receptor subunit expression is mediated by the Janus kinase/signal transducer and activation of transcription pathway in human CD4 T cells. <i>Journal of Interferon and Cytokine Research</i> , <b>2011</b> , 31, 363-71  | 3.5 | 21 |
| 26 | Thymoquinone from nutraceutical black cumin oil activates Neu4 sialidase in live macrophage, dendritic, and normal and type I sialidosis human fibroblast cells via GPCR Galphai proteins and matrix metalloproteinase-9. <i>Glycoconjugate Journal</i> , <b>2010</b> , 27, 329-48                     | 3   | 21 |
| 25 | Impact of HIV infection, highly active antiretroviral therapy, and hepatitis C coinfection on serum interleukin-27. <i>Aids</i> , <b>2010</b> , 24, 1371-4   | 3.5 | 19 |
| 24 | Interleukin-27 mediates inflammation during chronic disease. <i>Journal of Interferon and Cytokine Research</i> , <b>2014</b> , 34, 741-9  | 3.5 | 18 |
| 23 | The TLR2 agonists lipoteichoic acid and Pam3CSK4 induce greater pro-inflammatory responses than inactivated Mycobacterium butyricum. <i>Cellular Immunology</i> , <b>2012</b> , 280, 101-7   | 4.4 | 18 |
| 22 | Thymoquinone-induced Neu4 sialidase activates NF $\kappa$ B in macrophage cells and pro-inflammatory cytokines in vivo. <i>Glycoconjugate Journal</i> , <b>2010</b> , 27, 583-600  | 3   | 18 |
| 21 | Who's in charge here? Macrophage colony stimulating factor and granulocyte macrophage colony stimulating factor: Competing factors in macrophage polarization. <i>Cytokine</i> , <b>2020</b> , 127, 154939   | 4   | 18 |
| 20 | IL-27 increases BST-2 expression in human monocytes and T cells independently of type I IFN. <i>Scientific Reports</i> , <b>2012</b> , 2, 974  | 4.9 | 17 |
| 19 | Differential effect of IL-4 and IL-13 on CD44 expression in the Burkitt's lymphoma B cell line BL30/B95-8 and in Epstein-Barr virus (EBV) transformed human B cells: loss of IL-13 receptors on Burkitt's lymphoma B cells. <i>Cellular Immunology</i> , <b>2001</b> , 211, 131-42                     | 4.4 | 15 |
| 18 | On taking the STING out of immune activation. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 1189  | 6.5 | 14 |

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|----|--|-----|----|
| 17 | The effects of CD14 and IL-27 on induction of endotoxin tolerance in human monocytes and macrophages. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 17631-17645  | 5.4 | 14 |
| 16 | IL-27-induced gene expression is downregulated in HIV-infected subjects. <i>PLoS ONE</i> , <b>2012</b> , 7, e45706   | 3.7 | 12 |
| 15 | Activation of Peripheral Blood CD4+ T-Cells in IBS is not Associated with Gastrointestinal or Psychological Symptoms. <i>Scientific Reports</i> , <b>2019</b> , 9, 3710  | 4.9 | 10 |
| 14 | Poly(I:C)-Mediated Death of Human Prostate Cancer Cell Lines Is Induced by Interleukin-27 Treatment. <i>Journal of Interferon and Cytokine Research</i> , <b>2019</b> , 39, 483-494  | 3.5 | 9  |
| 13 | Regulation of CD44-hyaluronan interactions in Burkitt's lymphoma and Epstein-Barr virus-transformed lymphoblastoid B cells by PMA and interleukin-4. <i>Cellular Immunology</i> , <b>1999</b> , 194, 54-66   | 4.4 | 9  |
| 12 | Immunogenicity of a polyvalent HIV-1 candidate vaccine based on fourteen wild type gp120 proteins in golden hamsters. <i>BMC Immunology</i> , <b>2006</b> , 7, 25  | 3.7 | 8  |
| 11 | IL-27 amplifies cytokine responses to Gram-negative bacterial products and Salmonella typhimurium infection. <i>Scientific Reports</i> , <b>2018</b> , 8, 13704  | 4.9 | 8  |
| 10 | Lipopolysaccharide-Mediated Induction of Concurrent IL-1 $\beta$ and IL-23 Expression in THP-1 Cells Exhibits Differential Requirements for Caspase-1 and Cathepsin B Activity. <i>Journal of Interferon and Cytokine Research</i> , <b>2016</b> , 36, 477-87      | 3.5 | 7  |
| 9  | Granulocyte/Macrophage Colony-Stimulating Factor-Derived Macrophages Exhibit Distinctive Early Immune Response to Lymphocytic Choriomeningitis Virus Infection. <i>Viral Immunology</i> , <b>2020</b> , 33, 477-488  | 1.7 | 5  |
| 8  | Lymphocytic choriomeningitis virus infection of dendritic cells interferes with TLR-induced IL-12/IL-23 cytokine production in an IL-10 independent manner. <i>Cytokine</i> , <b>2018</b> , 108, 105-114   | 4   | 5  |
| 7  | Interleukin-27 induces a STAT1/3- and NF- $\kappa$ B-dependent proinflammatory cytokine profile in human monocytes.. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 8661  | 5.4 | 2  |
| 6  | Intracellular HIV-Tat Expression Induces IL-10 Synthesis by the CREB-1 Transcription Factor through Ser133 Phosphorylation and Its Regulation by the ERK1/2 MAPK in Human Monocytic Cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 31647-31658 | 5.4 | 2  |
| 5  | Differential TLR7-mediated cytokine expression by R848 in M-CSF- versus GM-CSF-derived macrophages after LCMV infection. <i>Journal of General Virology</i> , <b>2021</b> , 102,   | 4.9 | 2  |
| 4  | Sustained IL-4 priming of macrophages enhances the inflammatory response to TLR7/8 ligand R848. <i>Journal of Leukocyte Biology</i> , <b>2021</b> ,  | 6.5 | 1  |
| 3  | TLR7 Ligation Inhibits TLR8 Responsiveness in IL-27-Primed Human THP-1 Monocytes and Macrophages. <i>Journal of Innate Immunity</i> , <b>2021</b> , 13, 345-358  | 6.9 | 0  |
| 2  | Signaling Pathways Activated by HIV and Their Impact on Immune Responses <b>2009</b> , 31-58   |     |    |
| 1  | IL-27 Improves Prophylactic Protection Provided by a Dead Tumor Cell Vaccine in a Mouse Melanoma Model.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 884827   | 8.4 |    |