

# Martin F Kagnoff

## List of Publications by Year in descending order

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89  
papers

10,539  
citations

47006

47  
h-index

58581

82  
g-index

91  
all docs

91  
docs citations

91  
times ranked

11693  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Stool antigen immunodetection for diagnosis of <i>Giardia duodenalis</i> infection in human subjects with HIV and cancer. <i>Journal of Microbiological Methods</i> , 2017, 141, 35-41.  | 1.6  | 13        |
| 2  | Adaptive immune response in symptomatic and asymptomatic enteric protozoal infection: evidence for a determining role of parasite genetic heterogeneity in host immunity to human giardiasis. <i>Microbes and Infection</i> , 2016, 18, 687-695. | 1.9  | 23        |
| 3  | TLR3 signaling is downregulated by a MAVS isoform in epithelial cells. <i>Cellular Immunology</i> , 2016, 310, 205-210.  | 3.0  | 8         |
| 4  | Lack of the programmed death-1 receptor renders host susceptible to enteric microbial infection through impairing the production of the mucosal natural killer cell effector molecules. <i>Journal of Leukocyte Biology</i> , 2016, 99, 475-482. | 3.3  | 20        |
| 5  | Barriers impeding serologic screening for celiac disease in clinically high-prevalence populations. <i>BMC Gastroenterology</i> , 2014, 14, 42.  | 2.0  | 6         |
| 6  | The intestinal epithelium is an integral component of a communications network. <i>Journal of Clinical Investigation</i> , 2014, 124, 2841-2843.   | 8.2  | 82        |
| 7  | TLR3, TRIF, and Caspase 8 Determine Double-Stranded RNA-Induced Epithelial Cell Death and Survival In Vivo. <i>Journal of Immunology</i> , 2013, 190, 418-427.   | 0.8  | 56        |
| 8  | Antibody biomarker discovery through in vitro directed evolution of consensus recognition epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19330-19335.                             | 7.1  | 36        |
| 9  | GM-CSF Produced by Nonhematopoietic Cells Is Required for Early Epithelial Cell Proliferation and Repair of Injured Colonic Mucosa. <i>Journal of Immunology</i> , 2013, 190, 1702-1713.   | 0.8  | 62        |
| 10 | The immunopathogenesis of celiac disease reveals possible therapies beyond the gluten-free diet. <i>Seminars in Immunopathology</i> , 2012, 34, 581-600.   | 6.1  | 27        |
| 11 | Introduction: celiac disease. <i>Seminars in Immunopathology</i> , 2012, 34, 471-472.  | 6.1  | 0         |
| 12 | Can Consumers Trust Web-Based Information About Celiac Disease? Accuracy, Comprehensiveness, Transparency, and Readability of Information on the Internet. <i>Interactive Journal of Medical Research</i> , 2012, 1, e1.                         | 1.4  | 36        |
| 13 | Constitutive intestinal NF- $\kappa$ B does not trigger destructive inflammation unless accompanied by MAPK activation. <i>Journal of Experimental Medicine</i> , 2011, 208, 1889-1900.  | 8.5  | 141       |
| 14 | RIG-I/MDA5/MAVS Are Required To Signal a Protective IFN Response in Rotavirus-Infected Intestinal Epithelium. <i>Journal of Immunology</i> , 2011, 186, 1618-1626.   | 0.8  | 198       |
| 15 | GM-CSF: a role in immune and inflammatory reactions in the intestine. <i>Expert Review of Gastroenterology and Hepatology</i> , 2010, 4, 723-731.  | 3.0  | 87        |
| 16 | GM-CSF-Facilitated Dendritic Cell Recruitment and Survival Govern the Intestinal Mucosal Response to a Mouse Enteric Bacterial Pathogen. <i>Cell Host and Microbe</i> , 2010, 7, 151-163.  | 11.0 | 72        |
| 17 | Opposing functions of IKK $\beta$ during acute and chronic intestinal inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15058-15063.   | 7.1  | 148       |
| 18 | Activation of Innate Immune Defense Mechanisms by Signaling through RIG-I/IPS-1 in Intestinal Epithelial Cells. <i>Journal of Immunology</i> , 2007, 179, 5425-5432.   | 0.8  | 84        |

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|----|--|------|-----------|
| 19 | Celiac disease: pathogenesis of a model immunogenetic disease. <i>Journal of Clinical Investigation</i> , 2007, 117, 41-49.  | 8.2  | 295       |
| 20 | Mucosal Inflammation in Celiac Disease: Interleukin-15 Meets Transforming Growth Factor $\beta$ -1. <i>Gastroenterology</i> , 2007, 132, 1174-1176.  | 1.3  | 10        |
| 21 | 2007 William K. Warren, Jr., Prize for Excellence in Celiac Disease Research Awarded to Professor Ludvig M. Sollid of Oslo, Norway. <i>Gastroenterology</i> , 2007, 133, 9-10.   | 1.3  | 0         |
| 22 | Role of Shiga toxin versus H7 flagellin in enterohaemorrhagic <i>Escherichia coli</i> signalling of human colon epithelium in vivo. <i>Cellular Microbiology</i> , 2006, 8, 869-879.   | 2.1  | 82        |
| 23 | Microbial-Epithelial Cell Crosstalk during Inflammation: The Host Response. <i>Annals of the New York Academy of Sciences</i> , 2006, 1072, 313-320.   | 3.8  | 25        |
| 24 | Epithelial Cell $\beta$ -Kinase $\beta$ Has an Important Protective Role in <i>Clostridium difficile</i> Toxin A-Induced Mucosal Injury. <i>Journal of Immunology</i> , 2006, 177, 1214-1220.                                  | 0.8  | 42        |
| 25 | Intestinal mucosal responses to microbial infection. <i>Seminars in Immunopathology</i> , 2005, 27, 181-196.   | 4.0  | 41        |
| 26 | Introduction. <i>Seminars in Immunopathology</i> , 2005, 27, 129-131.  | 4.0  | 0         |
| 27 | Chemokine receptor CCR6 transduces signals that activate p130Cas and alter cAMP-stimulated ion transport in human intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C321-C328. | 4.6  | 46        |
| 28 | <i>Nod2</i> Mutation in Crohn's Disease Potentiates NF- $\beta$ Activity and IL-1 $\beta$ Processing. <i>Science</i> , 2005, 307, 734-738.   | 12.6 | 717       |
| 29 | Cathelicidin Mediates Innate Intestinal Defense against Colonization with Epithelial Adherent Bacterial Pathogens. <i>Journal of Immunology</i> , 2005, 174, 4901-4907.  | 0.8  | 205       |
| 30 | Overview and pathogenesis of celiac disease. <i>Gastroenterology</i> , 2005, 128, S10-S18.   | 1.3  | 164       |
| 31 | <i>Nod1</i> Is an Essential Signal Transducer in Intestinal Epithelial Cells Infected with Bacteria That Avoid Recognition by Toll-Like Receptors. <i>Infection and Immunity</i> , 2004, 72, 1487-1495.                        | 2.2  | 223       |
| 32 | $\beta$ -kinase-dependent NF- $\beta$ activation provides radioprotection to the intestinal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2452-2457.         | 7.1  | 185       |
| 33 | Clearance of <i>Citrobacter rodentium</i> Requires B Cells but Not Secretory Immunoglobulin A (IgA) or IgM Antibodies. <i>Infection and Immunity</i> , 2004, 72, 3315-3324.  | 2.2  | 176       |
| 34 | Regulated production of the chemokine CCL28 in human colon epithelium. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G1062-G1069.  | 3.4  | 68        |
| 35 | Expression of Epstein-Barr virus-induced gene 3 and other interleukin-12-related molecules by human intestinal epithelium. <i>Immunology</i> , 2004, 112, 437-445.   | 4.4  | 36        |
| 36 | IKK $\beta$ Links Inflammation and Tumorigenesis in a Mouse Model of Colitis-Associated Cancer. <i>Cell</i> , 2004, 118, 285-296.  | 28.9 | 2,277     |

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|----|--|------|-----------|
| 37 | SDF-1/CXCL12 regulates cAMP production and ion transport in intestinal epithelial cells via CXCR4. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G844-G850.  | 3.4  | 37        |
| 38 | The two faces of IKK and NF- $\kappa$ B inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. <i>Nature Medicine</i> , 2003, 9, 575-581.   | 30.7 | 506       |
| 39 | Expression of LL-37 by human gastric epithelial cells as a potential host defense mechanism against <i>Helicobacter pylori</i> . <i>Gastroenterology</i> , 2003, 125, 1613-1625.   | 1.3  | 192       |
| 40 | Nuclear factor- $\kappa$ B activation promotes restitution of wounded intestinal epithelial monolayers. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C1028-C1035.  | 4.6  | 81        |
| 41 | Cell Differentiation Is a Key Determinant of Cathelicidin LL-37/Human Cationic Antimicrobial Protein 18 Expression by Human Colon Epithelium. <i>Infection and Immunity</i> , 2002, 70, 953-963.   | 2.2  | 273       |
| 42 | Central Importance of Immunoglobulin A in Host Defense against <i>Giardia</i> spp.. <i>Infection and Immunity</i> , 2002, 70, 11-18.   | 2.2  | 180       |
| 43 | Ubiquitous production of macrophage migration inhibitory factor by human gastric and intestinal epithelium. <i>Gastroenterology</i> , 2002, 122, 667-680.  | 1.3  | 82        |
| 44 | Role of EHEC O157:H7 virulence factors in the activation of intestinal epithelial cell NF- $\kappa$ B and MAP kinase pathways and the upregulated expression of interleukin 8. <i>Cellular Microbiology</i> , 2002, 4, 635-648.                        | 2.1  | 141       |
| 45 | Regulated production of interferon-inducible T-cell chemoattractants by human intestinal epithelial cells. <i>Gastroenterology</i> , 2001, 120, 49-59.   | 1.3  | 196       |
| 46 | Analysis of host responses to microbial infection using gene expression profiling. <i>Current Opinion in Microbiology</i> , 2001, 4, 246-250.  | 5.1  | 31        |
| 47 | Regulated MIP-3 $\alpha$ /CCL20 production by human intestinal epithelium: mechanism for modulating mucosal immunity. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G710-G719.   | 3.4  | 201       |
| 48 | Production of MDC/CCL22 by human intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G1217-G1226.   | 3.4  | 57        |
| 49 | Cytokines in host defense against <i>Salmonella</i> . <i>Microbes and Infection</i> , 2001, 3, 1191-1200.  | 1.9  | 235       |
| 50 | Regulated Production of the T Helper 2 $\alpha$ Type T-Cell Chemoattractant TARC by Human Bronchial Epithelial Cells In Vitro and in Human Lung Xenografts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 382-389.     | 2.9  | 115       |
| 51 | Analysis by High Density cDNA Arrays of Altered Gene Expression in Human Intestinal Epithelial Cells in Response to Infection with the Invasive Enteric Bacterium <i>Salmonella</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 14084-14094. | 3.4  | 164       |
| 52 | Intestinal Epithelial Cell Apoptosis following <i>Cryptosporidium parvum</i> Infection. <i>Infection and Immunity</i> , 2000, 68, 1710-1713.   | 2.2  | 139       |
| 53 | Regulation of Human $\beta$ -Defensins by Gastric Epithelial Cells in Response to Infection with <i>Helicobacter pylori</i> or Stimulation with Interleukin-1. <i>Infection and Immunity</i> , 2000, 68, 5412-5415.                                    | 2.2  | 115       |
| 54 | Nitric Oxide Production by Human Intestinal Epithelial Cells and Competition for Arginine as Potential Determinants of Host Defense Against the Lumen-Dwelling Pathogen <i>Giardia lamblia</i> . <i>Journal of Immunology</i> , 2000, 164, 1478-1487.  | 0.8  | 216       |

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|----|--|-----|-----------|
| 55 | Thoughts of the Editor at Midterm. American Journal of Physiology - Renal Physiology, 1999, 276, G1311-G1312.  | 3.4 | 0         |
| 56 | Pathogenesis of Cryptosporidium parvum infection. Microbes and Infection, 1999, 1, 141-148.  | 1.9 | 67        |
| 57 | HLA-DR53 molecules are associated with susceptibility to celiac disease and selectively bind gliadin-derived peptides. Immunogenetics, 1999, 49, 800-807.  | 2.4 | 33        |
| 58 | Chemokine receptor expression by human intestinal epithelial cells. Gastroenterology, 1999, 117, 359-367.  | 1.3 | 220       |
| 59 | Mucosal immunity. Current Opinion in Gastroenterology, 1999, 15, 33.   | 2.3 | 4         |
| 60 | III. Ontogeny and function of $\gamma\delta$ T cells in the intestine. American Journal of Physiology - Renal Physiology, 1998, 274, G455-G458.  | 3.4 | 41        |
| 61 | Enteroinvasive bacteria directly activate expression of iNOS and NO production in human colon epithelial cells. American Journal of Physiology - Renal Physiology, 1998, 275, G564-G571.   | 3.4 | 84        |
| 62 | Human Intestinal Epithelial Cells Respond to <i>Cryptosporidium parvum</i> Infection with Increased Prostaglandin H Synthase 2 Expression and Prostaglandin E <sub>2</sub> and F <sub>2</sub> ± Production. Infection and Immunity, 1998, 66, 1787-1790. | 2.2 | 83        |
| 63 | Differential expression of HLA-DQA1 alleles associated with promoter polymorphism. Immunogenetics, 1997, 45, 163-170.  | 2.4 | 40        |
| 64 | Oral tolerance: mechanisms and possible role in inflammatory joint diseases. Bailliere's Clinical Rheumatology, 1996, 10, 41-54.   | 1.0 | 11        |
| 65 | Peripheral T Cell Response to A-Gliadin in Celiac Disease: Differential Processing and Presentation Capacities of Epstein-Barr-Transformed B Cells and Fibroblasts. Clinical Immunology and Immunopathology, 1994, 71, 75-81.                            | 2.0 | 17        |
| 66 | Differential cytokine expression by human intestinal epithelial cell lines: Regulated expression of interleukin 8. Gastroenterology, 1993, 105, 1689-1697.   | 1.3 | 513       |
| 67 | Role of Environmental and Genetic Factors in Celiac Disease <sup>1</sup> . Frontiers of Gastrointestinal Research, 1992, 19, 15-28.  | 0.1 | 0         |
| 68 | Biochemical and morphological differentiation of the human colonic epithelial cell line SW620 in the presence of dimethylsulfoxide. Journal of Cellular Biochemistry, 1992, 48, 316-323.   | 2.6 | 19        |
| 69 | Detection of individual Peyer's patch T cells that produce interleukin-5 and interferon- $\gamma$ . Journal of Immunological Methods, 1991, 137, 47-54.  | 1.4 | 3         |
| 70 | Immunology and Immunopathology of the Intestines: Immunopathogenesis of Celiac Disease. Immunological Investigations, 1989, 18, 499-508.   | 2.0 | 11        |
| 71 | Interleukin 5 is a differentiation factor for IgA B cells. European Journal of Immunology, 1989, 19, 965-969.  | 2.9 | 68        |
| 72 | Intestinal immunity and inflammation: Recent progress. Gastroenterology, 1986, 91, 746-768.  | 1.3 | 94        |

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|----|---|------|-----------|
| 73 | Specificity of antigliadin antibody in celiac disease. <i>Gastroenterology</i> , 1985, 89, 1-5.   | 1.3  | 61        |
| 74 | Differential effect of interferon- $\gamma$ and interleukin-2 on the induction of IgA and IgM anti-dextran responses. <i>Cellular Immunology</i> , 1985, 95, 437-442. | 3.0  | 8         |
| 75 | Immunology and Allergic Responses of the Bowel. , 1984, , 239-257.  |      | 1         |
| 76 | HUMORAL ANTIBODY RESPONSES TO THE BACTERIAL POLYSACCHARIDE DEXTRAN B1355. <i>Annals of the New York Academy of Sciences</i> , 1983, 409, 114-128.                     | 3.8  | 5         |
| 77 | Association Between Crohn's Disease and Immunoglobulin Heavy Chain (Gm) Allotypes. <i>Gastroenterology</i> , 1983, 85, 1044-1047.                                     | 1.3  | 32        |
| 78 | ORAL TOLERANCE. <i>Annals of the New York Academy of Sciences</i> , 1982, 392, 248-265.   | 3.8  | 30        |
| 79 | Two genetic loci control the murine immune response to A-gliadin, a wheat protein that activates coeliac sprue. <i>Nature</i> , 1982, 296, 158-160.                   | 27.8 | 61        |
| 80 | Inflammatory Bowel Disease " The Search for an Etiology. , 1982, , 59-67.   |      | 0         |
| 81 | T cell-dependent IgA anti-polysaccharide response in vitro. <i>Nature</i> , 1981, 292, 163-165.   | 27.8 | 20        |
| 82 | Effects of antigen-feeding on intestinal and systemic immune responses. <i>Gastroenterology</i> , 1980, 79, 54-61.  | 1.3  | 28        |
| 83 | Effects of antigen-feeding on intestinal and systemic immune responses. <i>Cellular Immunology</i> , 1978, 40, 186-203.   | 3.0  | 102       |
| 84 | Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Gastroenterology</i> , 1976, 70, 341-346.   | 1.3  | 9         |
| 85 | FUNCTIONAL CHARACTERISTICS OF INTESTINAL PEYER'S PATCH LYMPHOID CELLS. <i>Annals of the New York Academy of Sciences</i> , 1976, 278, 539-545.                        | 3.8  | 1         |
| 86 | Induction and Paralysis: A Conceptual Framework from Which to Examine the Intestinal Immune System. <i>Gastroenterology</i> , 1974, 66, 1240-1256.                    | 1.3  | 8         |
| 87 | FUNCTIONAL CHARACTERISTICS OF PEYER'S PATCH LYMPHOID CELLS. <i>Journal of Experimental Medicine</i> , 1974, 139, 398-406.   | 8.5  | 93        |
| 88 | FUNCTIONAL CHARACTERISTICS OF PEYER'S PATCH LYMPHOID CELLS. <i>Journal of Experimental Medicine</i> , 1974, 139, 407-413.   | 8.5  | 73        |
| 89 | Upregulation of Innate Defense Mechanisms by Enteric Infections. , 0, , 155-174.  |      | 1         |