Martin F Kagnoff

List of Publications by Year
in descending order

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	IKKÎ² Links Inflammation and Tumorigenesis in a Mouse Model of Colitis-Associated Cancer. Cell, 2004, 118, 285-296.	28.9	2,277
2	Nod2 Mutation in Crohn's Disease Potentiates NF-ÎºB Activity and IL-1ÃŸ Processing. Science, 2005, 307, 734-738.	12.6	717
3	Differential cytokine expression by human intestinal epithelial cell lines: Regulated expression of interleukin 8. Gastroenterology, 1993, 105, 1689-1697.	1.3	513
4	The two faces of IKK and NF-ÎºB inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. Nature Medicine, 2003, 9, 575-581.	30.7	506
5	Celiac disease: pathogenesis of a model immunogenetic disease. Journal of Clinical Investigation, 2007, 117, 41-49.	8.2	295
6	Cell Differentiation Is a Key Determinant of Cathelicidin LL-37/Human Cationic Antimicrobial Protein 18 Expression by Human Colon Epithelium. Infection and Immunity, 2002, 70, 953-963.	2.2	273
7	Cytokines in host defense against Salmonella. Microbes and Infection, 2001, 3, 1191-1200.	1.9	235
8	Nod1 Is an Essential Signal Transducer in Intestinal Epithelial Cells Infected with Bacteria That Avoid Recognition by Toll-Like Receptors. Infection and Immunity, 2004, 72, 1487-1495.	2.2	223
9	Chemokine receptor expression by human intestinal epithelial cells. Gastroenterology, 1999, 117, 359-367.	1.3	220
10	Nitric Oxide Production by Human Intestinal Epithelial Cells and Competition for Arginine as Potential Determinants of Host Defense Against the Lumen-Dwelling Pathogen Giardia lamblia. Journal of Immunology, 2000, 164, 1478-1487.	0.8	216
11	Cathelicidin Mediates Innate Intestinal Defense against Colonization with Epithelial Adherent Bacterial Pathogens. Journal of Immunology, 2005, 174, 4901-4907.	0.8	205
12	Regulated MIP-3Î±/CCL20 production by human intestinal epithelium: mechanism for modulating mucosal immunity. American Journal of Physiology - Renal Physiology, 2001, 280, G710-G719.	3.4	201
13	RIG-I/MDA5/MAVS Are Required To Signal a Protective IFN Response in Rotavirus-Infected Intestinal Epithelium. Journal of Immunology, 2011, 186, 1618-1626.	0.8	198
14	Regulated production of interferon-inducible T-cell chemoattractants by human intestinal epithelial cells. Gastroenterology, 2001, 120, 49-59.	1.3	196
15	Expression of LL-37 by human gastric epithelial cells as a potential host defense mechanism against Helicobacter pylori. Gastroenterology, 2003, 125, 1613-1625.	1.3	192
16	IÂB-kinaseÂ-dependent NF-ÂB activation provides radioprotection to the intestinal epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2452-2457.	7.1	185
17	Central Importance of Immunoglobulin A in Host Defense against Giardia spp.. Infection and Immunity, 2002, 70, 11-18.	2.2	180
18	Clearance of Citrobacter rodentium Requires B Cells but Not Secretory Immunoglobulin A (IgA) or IgM Antibodies. Infection and Immunity, 2004, 72, 3315-3324.	2.2	176

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19	Analysis by High Density cDNA Arrays of Altered Gene Expression in Human Intestinal Epithelial Cells in Response to Infection with the Invasive Enteric BacteriaSalmonella. Journal of Biological Chemistry, 2000, 275, 14084-14094.	3.4	164
20	Overview and pathogenesis of celiac disease. Gastroenterology, 2005, 128, S10-S18.	1.3	164
21	Opposing functions of IKKÎ² during acute and chronic intestinal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15058-15063.	7.1	148
22	Role of EHEC O157:H7 virulence factors in the activation of intestinal epithelial cell NF-ÎºB and MAP kinase pathways and the upregulated expression of interleukin 8. Cellular Microbiology, 2002, 4, 635-648.	2.1	141
23	Constitutive intestinal NF-ÎºB does not trigger destructive inflammation unless accompanied by MAPK activation. Journal of Experimental Medicine, 2011, 208, 1889-1900.	8.5	141
24	Intestinal Epithelial Cell Apoptosis following Cryptosporidium parvum Infection. Infection and Immunity, 2000, 68, 1710-1713.	2.2	139
25	Regulation of Human Î²-Defensins by Gastric Epithelial Cells in Response to Infection with Helicobacter pylori or Stimulation with Interleukin-1. Infection and Immunity, 2000, 68, 5412-5415.	2.2	115
26	Regulated Production of the T Helper 2â€“Type T-Cell Chemoattractant TARC by Human Bronchial Epithelial CellsIn Vitroand in Human Lung Xenografts. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 382-389.	2.9	115
27	Effects of antigen-feeding on intestinal and systemic immune responses. Cellular Immunology, 1978, 40, 186-203.	3.0	102
28	Intestinal immunity and inflammation: Recent progress. Gastroenterology, 1986, 91, 746-768.	1.3	94
29	FUNCTIONAL CHARACTERISTICS OF PEYER'S PATCH LYMPHOID CELLS. Journal of Experimental Medicine, 1974, 139, 398-406.	8.5	93
30	GM-CSF: a role in immune and inflammatory reactions in the intestine. Expert Review of Gastroenterology and Hepatology, 2010, 4, 723-731.	3.0	87
31	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
32	Activation of Innate Immune Defense Mechanisms by Signaling through RIG-I/IPS-1 in Intestinal Epithelial Cells. Journal of Immunology, 2007, 179, 5425-5432.	0.8	84
33	Human Intestinal Epithelial Cells Respond toCryptosporidium parvumInfection with Increased Prostaglandin H Synthase 2 Expression and Prostaglandin E₂and F_{2Î±}Production. Infection and Immunity, 1998, 66, 1787-1790.	2.2	83
34	Ubiquitous production of macrophage migration inhibitory factor by human gastric and intestinal epithelium. Gastroenterology, 2002, 122, 667-680.	1.3	82
35	Role of Shiga toxin versus H7 flagellin in enterohaemorrhagic Escherichia coli signalling of human colon epithelium in vivo. Cellular Microbiology, 2006, 8, 869-879.	2.1	82
36	The intestinal epithelium is an integral component of a communications network. Journal of Clinical Investigation, 2014, 124, 2841-2843.	8.2	82

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37	Nuclear factor-Î¹B activation promotes restitution of wounded intestinal epithelial monolayers. American Journal of Physiology - Cell Physiology, 2003, 285, C1028-C1035.	4.6	81
38	FUNCTIONAL CHARACTERISTICS OF PEYER'S PATCH LYMPHOID CELLS. Journal of Experimental Medicine, 1974, 139, 407-413.	8.5	73
39	GM-CSF-Facilitated Dendritic Cell Recruitment and Survival Govern the Intestinal Mucosal Response to a Mouse Enteric Bacterial Pathogen. Cell Host and Microbe, 2010, 7, 151-163.	11.0	72
40	Interleukin 5 is a differentiation factor for IgA B cells. European Journal of Immunology, 1989, 19, 965-969.	2.9	68
41	Regulated production of the chemokine CCL28 in human colon epithelium. American Journal of Physiology - Renal Physiology, 2004, 287, G1062-G1069.	3.4	68
42	Pathogenesis of Cryptosporidium parvum infection. Microbes and Infection, 1999, 1, 141-148.	1.9	67
43	GM-CSF Produced by Nonhematopoietic Cells Is Required for Early Epithelial Cell Proliferation and Repair of Injured Colonic Mucosa. Journal of Immunology, 2013, 190, 1702-1713.	0.8	62
44	Two genetic loci control the murine immune response to A-gliadin, a wheat protein that activates coeliac sprue. Nature, 1982, 296, 158-160.	27.8	61
45	Specificity of antigliadin antibody in celiac disease. Gastroenterology, 1985, 89, 1-5.	1.3	61
46	Production of MDC/CCL22 by human intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2001, 280, G1217-G1226.	3.4	57
47	TLR3, TRIF, and Caspase 8 Determine Double-Stranded RNA-Induced Epithelial Cell Death and Survival In Vivo. Journal of Immunology, 2013, 190, 418-427.	0.8	56
48	Chemokine receptor CCR6 transduces signals that activate p130Casand alter cAMP-stimulated ion transport in human intestinal epithelial cells. American Journal of Physiology - Cell Physiology, 2005, 288, C321-C328.	4.6	46
49	Epithelial Cell Iº B-Kinase Î² Has an Important Protective Role inClostridium difficileToxin A-Induced Mucosal Injury. Journal of Immunology, 2006, 177, 1214-1220.	0.8	42
50	III. Ontogeny and function of Î³Î´ T cells in the intestine. American Journal of Physiology - Renal Physiology, 1998, 274, G455-G458.	3.4	41
51	Intestinal mucosal responses to microbial infection. Seminars in Immunopathology, 2005, 27, 181-196.	4.0	41
52	Differential expression of HLA-DQA1 alleles associated with promoter polymorphism. Immunogenetics, 1997, 45, 163-170.	2.4	40
53	SDF-1/CXCL12 regulates cAMP production and ion transport in intestinal epithelial cells via CXCR4. American Journal of Physiology - Renal Physiology, 2004, 286, G844-G850.	3.4	37
54	Expression of Epstein-Barr virus-induced gene 3 and other interleukin-12-related molecules by human intestinal epithelium. Immunology, 2004, 112, 437-445.	4.4	36

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55	Antibody biomarker discovery through in vitro directed evolution of consensus recognition epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19330-19335.	7.1	36
56	Can Consumers Trust Web-Based Information About Celiac Disease? Accuracy, Comprehensiveness, Transparency, and Readability of Information on the Internet. Interactive Journal of Medical Research, 2012, 1, e1.	1.4	36
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	Association Between Crohn's Disease and Immunoglobulin Heavy Chain (Gm) Allotypes. Gastroenterology, 1983, 85, 1044-1047.	1.3	32
59	Analysis of host responses to microbial infection using gene expression profiling. Current Opinion in Microbiology, 2001, 4, 246-250.	5.1	31
60	ORAL TOLERANCE. Annals of the New York Academy of Sciences, 1982, 392, 248-265.	3.8	30
61	Effects of antigen-feeding on intestinal and systemic immune responses. Gastroenterology, 1980, 79, 54-61.	1.3	28
62	The immunopathogenesis of celiac disease reveals possible therapies beyond the gluten-free diet. Seminars in Immunopathology, 2012, 34, 581-600.	6.1	27
63	Microbial-Epithelial Cell Crosstalk during Inflammation: The Host Response. Annals of the New York Academy of Sciences, 2006, 1072, 313-320.	3.8	25
64	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. Microbes and Infection, 2016, 18, 687-695.	1.9	23
65	T cell-dependent IgA anti-polysaccharide response in vitro. Nature, 1981, 292, 163-165.	27.8	20
66	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. Journal of Leukocyte Biology, 2016, 99, 475-482.	3.3	20
67	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
68	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
69	Stool antigen immunodetection for diagnosis of Giardia duodenalis infection in human subjects with HIV and cancer. Journal of Microbiological Methods, 2017, 141, 35-41.	1.6	13
70	Immunology and Immunopathology of the Intestines: Immunopathogenesis of Celiac Disease. Immunological Investigations, 1989, 18, 499-508.	2.0	11
71	Oral tolerance: mechanisms and possible role in inflammatory joint diseases. Bailliere's Clinical Rheumatology, 1996, 10, 41-54.	1.0	11
72	Mucosal Inflammation in Celiac Disease: Interleukin-15 Meets Transforming Growth Factor Î²-1. Gastroenterology, 2007, 132, 1174-1176.	1.3	10

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73	Antibody-Dependent Cell-Mediated Cytotoxicity. Gastroenterology, 1976, 70, 341-346.	1.3	9
74	Induction and Paralysis: A Conceptual Framework from Which to Examine the Intestinal Immune System. Gastroenterology, 1974, 66, 1240-1256.	1.3	8
75	Differential effect of interferon-Î³ and interleukin-2 on the induction of IgA and IgM anti-dextran responses. Cellular Immunology, 1985, 95, 437-442.	3.0	8
76	TLR3 signaling is downregulated by a MAVS isoform in epithelial cells. Cellular Immunology, 2016, 310, 205-210.	3.0	8
77	Barriers impeding serologic screening for celiac disease in clinically high-prevalence populations. BMC Gastroenterology, 2014, 14, 42.	2.0	6
78	HUMORAL ANTIBODY RESPONSES TO THE BACTERIAL POLYSACCHARIDE DEXTRAN B1355. Annals of the New York Academy of Sciences, 1983, 409, 114-128.	3.8	5
79	Mucosal immunity. Current Opinion in Gastroenterology, 1999, 15, 33.	2.3	4
80	Detection of individual Peyer's patch T cells that produce interleukin-5 and interferon-Î³. Journal of Immunological Methods, 1991, 137, 47-54.	1.4	3
81	FUNCTIONAL CHARACTERISTICS OF INTESTINAL PEYER'S PATCH LYMPHOID CELLS. Annals of the New York Academy of Sciences, 1976, 278, 539-545.	3.8	1
82	Upregulation of Innate Defense Mechanisms by Enteric Infections. , 0, , 155-174.		1
83	Immunology and Allergic Responses of the Bowel. , 1984, , 239-257.		1
84	Role of Environmental and Genetic Factors in Celiac Disease1. Frontiers of Gastrointestinal Research, 1992, 19, 15-28.	0.1	0
85	Thoughts of the Editor at Midterm. American Journal of Physiology - Renal Physiology, 1999, 276, G1311-G1312.	3.4	0
86	Introduction. Seminars in Immunopathology, 2005, 27, 129-131.	4.0	0
87	2007 William K. Warren, Jr., Prize for Excellence in Celiac Disease Research Awarded to Professor Ludvig M. Sollid of Oslo, Norway. Gastroenterology, 2007, 133, 9-10.	1.3	0
88	Introduction: celiac disease. Seminars in Immunopathology, 2012, 34, 471-472.	6.1	0
89	Inflammatory Bowel Disease â€" The Search for an Etiology. , 1982, , 59-67.		0