Sean P Colgan

List of Publications by Year in Descending Order

170 papers	18,005 citations	68 h-index	133 g-index
184 ext. papers	20,512 ext. citations	7.8 avg, IF	6.69 L-index

#	Paper	IF	Citations
170	Adenosine Awakens Metabolism to Enhance Growth-Independent Killing of Tolerant and Persister Bacteria across Multiple Classes of Antibiotics.. *MBio*, **2022**, e0048022	7.8	1
169	Microbial Metabolite Regulation of Epithelial Tight Junctions and Barrier **2022**, 181-197		
168	Microbial-derived indoles inhibit neutrophil myeloperoxidase to diminish bystander tissue damage. *FASEB Journal*, **2021**, 35, e21552	0.9	4
167	Creatine Supplementation for Patients with Inflammatory Bowel Diseases: A Scientific Rationale for a Clinical Trial. *Nutrients*, **2021**, 13,	6.7	4
166	Mucosal acidosis elicits a unique molecular signature in epithelia and intestinal tissue mediated by GPR31-induced CREB phosphorylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
165	Bile acids modulate colonic MAdCAM-1 expression in a murine model of combined cholestasis and colitis. *Mucosal Immunology*, **2021**, 14, 479-490	9.2	5
164	Microbiota-derived butyrate is an endogenous HIF prolyl hydroxylase inhibitor. *Gut Microbes*, **2021**, 13, 1938380	8.8	5
163	Intestinal Inflammation as a Dysbiosis of Energy Procurement: New Insights into an Old Topic. *Gut Microbes*, **2021**, 13, 1-20	8.8	7
162	Transplantation of an obesity-associated human gut microbiota to mice induces vascular dysfunction and glucose intolerance. *Gut Microbes*, **2021**, 13, 1940791	8.8	6
161	The MUC5B-associated variant rs35705950 resides within an enhancer subject to lineage- and disease-dependent epigenetic remodeling. *JCI Insight*, **2021**, 6,	9.9	6
160	Eosinophils attenuate hepatic ischemia-reperfusion injury in mice through ST2-dependent IL-13 production. *Science Translational Medicine*, **2021**, 13,	17.5	7
159	Resolvins resolve to heal mucosal wounds. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10621-10622	11.5	4
158	Microbiota-derived butyrate dynamically regulates intestinal homeostasis through regulation of actin-associated protein synaptopodin. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 11648-11657	11.5	67
157	Markers of Hypoxia Correlate with Histologic and Endoscopic Severity of Colitis in Inflammatory Bowel Disease. *Hypoxia (Auckland, N Z)*, **2020**, 8, 1-12	2.1	3
156	Hypoxia and Innate Immunity: Keeping Up with the HIFsters. *Annual Review of Immunology*, **2020**, 38, 341-363	34.7	41
155	Dynamic regulation of actin-binding protein synaptopodin by butyrate promotes intestinal epithelial barrier function. *FASEB Journal*, **2020**, 34, 1-1	0.9	
154	Bile Acids Modulate Colonic MAdCAM-1 Expression in a Murine Model of PSC-IBD. *FASEB Journal*, **2020**, 34, 1-1	0.9	

153	Creatine Transporter, Reduced in Colon Tissues From Patients With Inflammatory Bowel Diseases, Regulates Energy Balance in Intestinal Epithelial Cells, Epithelial Integrity, and Barrier Function. *Gastroenterology*, **2020**, 159, 984-998.e1	13.3	18
152	Adaptation to inflammatory acidity through neutrophil-derived adenosine regulation of SLC26A3. *Mucosal Immunology*, **2020**, 13, 230-244	9.2	6
151	Microbiota-Sourced Purines Support Wound Healing and Mucous Barrier Function. *IScience*, **2020**, 23, 101226	6.1	13
150	The HIF target ATG9A is essential for epithelial barrier function and tight junction biogenesis. *Molecular Biology of the Cell*, **2020**, 31, 2249-2258	3.5	4
149	Hypoxia-Inducible Factor-2 Reprograms Liver Macrophages to Protect Against Acute Liver Injury Through the Production of Interleukin-6. *Hepatology*, **2020**, 71, 2105-2117	11.2	24
148	Platelet activating factor receptor acts to limit colitis-induced liver inflammation. *FASEB Journal*, **2020**, 34, 7718-7732	0.9	4
147	Oral vitamin B supplement is delivered to the distal gut, altering the corrinoid profile and selectively depleting in C57BL/6 mice. *Gut Microbes*, **2019**, 10, 654-662	8.8	13
146	Intense Light-Mediated Circadian Cardioprotection via Transcriptional Reprogramming of the Endothelium. *Cell Reports*, **2019**, 28, 1471-1484.e11	10.6	21
145	Cholestatic liver disease results increased production of reactive aldehydes and an atypical periportal hepatic antioxidant response. *Free Radical Biology and Medicine*, **2019**, 143, 101-114	7.8	8
144	Epithelial HIF-1 claudin-1 axis regulates barrier dysfunction in eosinophilic esophagitis. *Journal of Clinical Investigation*, **2019**, 129, 3224-3235	15.9	27
143	Adenosine controls tissue fluid and pH homeostasis through transcriptional regulation of SLC26A3. *FASEB Journal*, **2019**, 33, 34.8	0.9	
142	Microbial Indole Metabolites Provide a Novel Pathway for Regulation of Intestinal Homeostasis. *FASEB Journal*, **2019**, 33, 34.9	0.9	1
141	Control and dysregulation of redox signalling in the gastrointestinal tract. *Nature Reviews Gastroenterology and Hepatology*, **2019**, 16, 106-120	24.2	52
140	Microbiota-Derived Indole Metabolites Promote Human and Murine Intestinal Homeostasis through Regulation of Interleukin-10 Receptor. *American Journal of Pathology*, **2018**, 188, 1183-1194	5.8	163
139	Hypoxanthine is a checkpoint stress metabolite in colonic epithelial energy modulation and barrier function. *Journal of Biological Chemistry*, **2018**, 293, 6039-6051	5.4	48
138	Microbiota-Derived Indole Metabolites Provide a Novel Pathway for Regulation of Intestinal Homeostasis. *FASEB Journal*, **2018**, 32, 286.8	0.9	
137	Subversion of Systemic Glucose Metabolism as a Mechanism to Support the Growth of Leukemia Cells. *Cancer Cell*, **2018**, 34, 659-673.e6	24.3	55
136	Neutrophils as sources of dinucleotide polyphosphates and metabolism by epithelial ENPP1 to influence barrier function via adenosine signaling. *Molecular Biology of the Cell*, **2018**, 29, 2687-2699	3.5	10

135	A Central Role for Heme Oxygenase-1 in the Control of Intestinal Epithelial Chemokine Expression. *Journal of Innate Immunity*, **2018**, 10, 228-238	6.9	6
134	Special pro-resolving mediator (SPM) actions in regulating gastro-intestinal inflammation and gut mucosal immune responses. *Molecular Aspects of Medicine*, **2017**, 58, 93-101	16.7	15
133	Tissue metabolism and the inflammatory bowel diseases. *Journal of Molecular Medicine*, **2017**, 95, 905-913	5.5	17
132	Regulation of immunity and inflammation by hypoxia in immunological niches. *Nature Reviews Immunology*, **2017**, 17, 774-785	36.5	259
131	Epithelial Barrier Regulation by Hypoxia-Inducible Factor. *Annals of the American Thoracic Society*, **2017**, 14, S233-S236	4.7	14
130	Microbial-Derived Butyrate Promotes Epithelial Barrier Function through IL-10 Receptor-Dependent Repression of Claudin-2. *Journal of Immunology*, **2017**, 199, 2976-2984	5.3	189
129	Intestinal Epithelial Ecto-5'-Nucleotidase (CD73) Regulates Intestinal Colonization and Infection by Nontyphoidal Salmonella. *Infection and Immunity*, **2017**, 85,	3.7	10
128	Neutrophils as Components of Mucosal Homeostasis. *Cellular and Molecular Gastroenterology and Hepatology*, **2017**, 4, 329-337	7.9	19
127	Oxygen metabolism and innate immune responses in the gut. *Journal of Applied Physiology*, **2017**, 123, 1321-1327	3.7	6
126	Tissue metabolism and host-microbial interactions in the intestinal mucosa. *Free Radical Biology and Medicine*, **2017**, 105, 86-92	7.8	18
125	Neutrophils and the inflammatory tissue microenvironment in the mucosa. *Immunological Reviews*, **2016**, 273, 112-20	11.3	13
124	Creatine kinase in ischemic and inflammatory disorders. *Clinical and Translational Medicine*, **2016**, 5, 31	5.7	32
123	G2A Signaling Dampens Colitic Inflammation via Production of IFN-□*Journal of Immunology*, **2016**, 197, 1425-34	5.3	13
122	Cytokine responses and epithelial function in the intestinal mucosa. *Cellular and Molecular Life Sciences*, **2016**, 73, 4203-4212	10.3	38
121	Hypercapnia Suppresses the HIF-dependent Adaptive Response to Hypoxia. *Journal of Biological Chemistry*, **2016**, 291, 11800-8	5.4	37
120	Hypoxia and Mucosal Inflammation. *Annual Review of Pathology: Mechanisms of Disease*, **2016**, 11, 77-100	34	62
119	Targeting hypoxia in inflammatory bowel disease. *Journal of Investigative Medicine*, **2016**, 64, 364-8	2.9	7
118	Oxygen metabolism and barrier regulation in the intestinal mucosa. *Journal of Clinical Investigation*, **2016**, 126, 3680-3688	15.9	63

117	Breathless in the Gut: Implications of Luminal O2 for Microbial Pathogenicity. *Cell Host and Microbe*, **2016**, 19, 427-8	23.4	22
116	Hypoxia-inducible factors as molecular targets for liver diseases. *Journal of Molecular Medicine*, **2016**, 94, 613-27	5.5	75
115	Perturbation of neddylation-dependent NF-B responses in the intestinal epithelium drives apoptosis and inhibits resolution of mucosal inflammation. *Molecular Biology of the Cell*, **2016**,	3.5	18
114	Metabolic regulation of intestinal epithelial barrier during inflammation. *Tissue Barriers*, **2015**, 3, e970936	4.3	26
113	Neutrophils and inflammatory metabolism in antimicrobial functions of the mucosa. *Journal of Leukocyte Biology*, **2015**, 98, 517-22	6.5	23
112	Eosinophil-mediated signalling attenuates inflammatory responses in experimental colitis. *Gut*, **2015**, 64, 1236-47	19.2	85
111	Neutrophils and inflammatory resolution in the mucosa. *Seminars in Immunology*, **2015**, 27, 177-83	10.7	30
110	Crosstalk between Microbiota-Derived Short-Chain Fatty Acids and Intestinal Epithelial HIF Augments Tissue Barrier Function. *Cell Host and Microbe*, **2015**, 17, 662-71	23.4	732
109	Physiologic hypoxia and oxygen homeostasis in the healthy intestine. A Review in the Theme: Cellular Responses to Hypoxia. *American Journal of Physiology - Cell Physiology*, **2015**, 309, C350-60	5.4	204
108	Actions of adenosine on cullin neddylation: implications for inflammatory responses. *Computational and Structural Biotechnology Journal*, **2015**, 13, 273-6	6.8	5
107	Stabilization of HIF through inhibition of Cullin-2 neddylation is protective in mucosal inflammatory responses. *FASEB Journal*, **2015**, 29, 208-15	0.9	43
106	HIF-dependent regulation of claudin-1 is central to intestinal epithelial tight junction integrity. *Molecular Biology of the Cell*, **2015**, 26, 2252-62	3.5	95
105	Signaling Through the Aryl Hydrocarbon Receptor Induces Expression of the IL-10 Receptor on Intestinal Epithelia. *FASEB Journal*, **2015**, 29, 142.11	0.9	
104	Microbe-Host Crosstalk between Short-Chain Fatty Acids and Intestinal Epithelial HIF Provides a New Mechanism to Augment Tissue Barrier Function. *FASEB Journal*, **2015**, 29, 282.6	0.9	
103	The Influence of Neddylation on the Mucosal Inflammatory Response. *FASEB Journal*, **2015**, 29, 142.9	0.9	1
102	Intestinal epithelial ecto-5?-nucleotidase CD73 regulates the homeostasis of Salmonella typhimurium and commensal bacteria. *FASEB Journal*, **2015**, 29, 507.8	0.9	
101	IFN-mediated induction of an apical IL-10 receptor on polarized intestinal epithelia. *Journal of Immunology*, **2014**, 192, 1267-76	5.3	62
100	Transmigrating neutrophils shape the mucosal microenvironment through localized oxygen depletion to influence resolution of inflammation. *Immunity*, **2014**, 40, 66-77	32.3	294

99	Targeting hypoxia signalling for the treatment of ischaemic and inflammatory diseases. *Nature Reviews Drug Discovery*, **2014**, 13, 852-69	64.1	216
98	HIF-dependent regulation of AKAP12 (gravin) in the control of human vascular endothelial function. *FASEB Journal*, **2014**, 28, 256-64	0.9	17
97	Adenosine and gastrointestinal inflammation. *Journal of Molecular Medicine*, **2013**, 91, 157-64	5.5	31
96	Contributions of neutrophils to resolution of mucosal inflammation. *Immunologic Research*, **2013**, 55, 75-82	4.3	15
95	The inflammatory tissue microenvironment in IBD. *Inflammatory Bowel Diseases*, **2013**, 19, 2238-44	4.5	29
94	Central role for endothelial human deneddylase-1/SENP8 in fine-tuning the vascular inflammatory response. *Journal of Immunology*, **2013**, 190, 392-400	5.3	38
93	Control of creatine metabolism by HIF is an endogenous mechanism of barrier regulation in colitis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 19820-5	11.5	78
92	CD73+ regulatory T cells contribute to adenosine-mediated resolution of acute lung injury. *FASEB Journal*, **2013**, 27, 2207-19	0.9	78
91	Neutrophil-epithelial interactions modulate the inflammatory microenvironment during colitis. *FASEB Journal*, **2013**, 27, 137.1	0.9	
90	Fundamental role for HIF-1 in expression of enteric human defensin-1. *FASEB Journal*, **2013**, 27, 131.7	0.9	
89	IFN- mediated Induction of an Apical IL-10 Receptor on Polarized Intestinal Epithelia. *FASEB Journal*, **2013**, 27, 137.11	0.9	
88	Hypoxia-inducible factor-1 alpha-dependent induction of FoxP3 drives regulatory T-cell abundance and function during inflammatory hypoxia of the mucosa. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E2784-93	11.5	356
87	Of microbes and meals: the health consequences of dietary endotoxemia. *Nutrition in Clinical Practice*, **2012**, 27, 215-25	3.6	74
86	Implications of protein post-translational modifications in IBD. *Inflammatory Bowel Diseases*, **2012**, 18, 1378-88	4.5	18
85	Adenosine and hypoxia-inducible factor signaling in intestinal injury and recovery. *Annual Review of Physiology*, **2012**, 74, 153-75	23.1	97
84	Activated fluid transport regulates bacterial-epithelial interactions and significantly shifts the murine colonic microbiome. *Gut Microbes*, **2012**, 3, 250-60	8.8	41
83	Targeting Hypoxia to Augment Mucosal Barrier Function. *Journal of Epithelial Biology & Pharmacology*, **2012**, 5, 67-76		4
82	Hypoxia and metabolic factors that influence inflammatory bowel disease pathogenesis. *Gastroenterology*, **2011**, 140, 1748-55	13.3	78

81	Transcriptional Imprinting of colonic epithelia by transmigrating neutrophils reveals a central role for hypoxic signaling via local oxygen depletion. *Inflammatory Bowel Diseases*, **2011**, 17, S72	4.5	
80	Intestinal epithelial innate immunity: A role for Hypoxia-mediated autophagyP-208.. *Inflammatory Bowel Diseases*, **2011**, 17, S74	4.5	
79	Antimicrobial aspects of inflammatory resolution in the mucosa: a role for proresolving mediators. *Journal of Immunology*, **2011**, 187, 3475-81	5.3	53
78	Neutrophil transmigration triggers repair of the lung epithelium via beta-catenin signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 15990-5	11.5	134
77	Anti-inflammatory actions of adrenomedullin through fine tuning of HIF stabilization. *FASEB Journal*, **2011**, 25, 1856-64	0.9	38
76	IFN- attenuates hypoxia-inducible factor (HIF) activity in intestinal epithelial cells through transcriptional repression of HIF-1 *Journal of Immunology*, **2011**, 186, 1790-8	5.3	22
75	An endogenously anti-inflammatory role for methylation in mucosal inflammation identified through metabolite profiling. *Journal of Immunology*, **2011**, 186, 6505-14	5.3	52
74	Hypoxia-inducible factor-dependent regulation of platelet-activating factor receptor as a route for gram-positive bacterial translocation across epithelia. *Molecular Biology of the Cell*, **2010**, 21, 538-46	3.5	38
73	Resolvin E1-induced intestinal alkaline phosphatase promotes resolution of inflammation through LPS detoxification. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 14298-303	11.5	136
72	Hypoxia-inducible factor signaling provides protection in Clostridium difficile-induced intestinal injury. *Gastroenterology*, **2010**, 139, 259-69.e3	13.3	63
71	Metabolic shifts in immunity and inflammation. *Journal of Immunology*, **2010**, 184, 4062-8	5.3	251
70	Hypoxia: an alarm signal during intestinal inflammation. *Nature Reviews Gastroenterology and Hepatology*, **2010**, 7, 281-7	24.2	311
69	Targeting the A2B adenosine receptor during gastrointestinal ischemia and inflammation. *Expert Opinion on Therapeutic Targets*, **2009**, 13, 1267-77	6.4	48
68	Adenosine A2A receptor is a unique angiogenic target of HIF-2alpha in pulmonary endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 10684-9	11.5	98
67	Selective induction of integrin beta1 by hypoxia-inducible factor: implications for wound healing. *FASEB Journal*, **2009**, 23, 1338-46	0.9	75
66	Contribution of adenosine A2B receptors to inflammatory parameters of experimental colitis. *Journal of Immunology*, **2009**, 182, 4957-64	5.3	120
65	Adenosine signaling mediates SUMO-1 modification of IkappaBalpha during hypoxia and reoxygenation. *Journal of Biological Chemistry*, **2009**, 284, 13686-13695	5.4	29
64	Transepithelial migration of neutrophils: mechanisms and implications for acute lung injury. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 40, 519-35	5.7	247

63	Central role of Sp1-regulated CD39 in hypoxia/ischemia protection. *Blood*, **2009**, 113, 224-32	2.2	163
62	Interferon-gamma inhibits hypoxia-inducible factor (HIF) in intestinal epithelial cells through transcriptional repression of HIF-1 beta. *FASEB Journal*, **2009**, 23, 570.12	0.9	
61	Neutrophils as sources of extracellular nucleotides: functional consequences at the vascular interface. *Trends in Cardiovascular Medicine*, **2008**, 18, 103-7	6.9	91
60	Mucosal protection by hypoxia-inducible factor prolyl hydroxylase inhibition. *Gastroenterology*, **2008**, 134, 145-55	13.3	295
59	Control of IFN-alphaA by CD73: implications for mucosal inflammation. *Journal of Immunology*, **2008**, 180, 4246-55	5.3	71
58	PMNs facilitate translocation of platelets across human and mouse epithelium and together alter fluid homeostasis via epithelial cell-expressed ecto-NTPDases. *Journal of Clinical Investigation*, **2008** , 118, 3682-92	15.9	73
57	Mucosal protection by hypoxia-inducible factor (HIF) prolyl hydroxylase inhibition. *FASEB Journal*, **2008**, 22, 328.3	0.9	
56	Hypoxia and gastrointestinal disease. *Journal of Molecular Medicine*, **2007**, 85, 1295-300	5.5	215
55	Resolvin D1 and its aspirin-triggered 17R epimer. Stereochemical assignments, anti-inflammatory properties, and enzymatic inactivation. *Journal of Biological Chemistry*, **2007**, 282, 9323-9334	5.4	384
54	Identification of Pur alpha as a new hypoxia response factor responsible for coordinated induction of the beta 2 integrin family. *Journal of Immunology*, **2007**, 179, 1934-41	5.3	26
53	Identification of vasodilator-stimulated phosphoprotein (VASP) as an HIF-regulated tissue permeability factor during hypoxia. *FASEB Journal*, **2007**, 21, 2613-21	0.9	46
52	Resolvin E1 promotes mucosal surface clearance of neutrophils: a new paradigm for inflammatory resolution. *FASEB Journal*, **2007**, 21, 3162-70	0.9	158
51	Antiinflammatory adaptation to hypoxia through adenosine-mediated cullin-1 deneddylation. *Journal of Clinical Investigation*, **2007**, 117, 703-11	15.9	70
50	Resolvin E1 promotes mucosal surface clearance of neutrophils: a new paradigm for inflammatory resolution. *FASEB Journal*, **2007**, 21, A131	0.9	
49	Identification of molecular anti-inflammatory mechanisms of adenosine: Cullin-1 deneddylation during hypoxic preconditioning (HPC). *FASEB Journal*, **2007**, 21, A131	0.9	
48	Selective induction of mucin-3 by hypoxia in intestinal epithelia. *Journal of Cellular Biochemistry*, **2006**, 99, 1616-27	4.7	101
47	Transcriptional repression of Na-K-2Cl cotransporter NKCC1 by hypoxia-inducible factor-1. *American Journal of Physiology - Cell Physiology*, **2006**, 291, C282-9	5.4	29
46	Anti-inflammatory actions of neuroprotectin D1/protectin D1 and its natural stereoisomers: assignments of dihydroxy-containing docosatrienes. *Journal of Immunology*, **2006**, 176, 1848-59	5.3	365

45	HIF-dependent induction of adenosine A2B receptor in hypoxia. *FASEB Journal*, **2006**, 20, 2242-50	0.9	268
44	ATP release from activated neutrophils occurs via connexin 43 and modulates adenosine-dependent endothelial cell function. *Circulation Research*, **2006**, 99, 1100-8	15.7	282
43	Endothelial catabolism of extracellular adenosine during hypoxia: the role of surface adenosine deaminase and CD26. *Blood*, **2006**, 108, 1602-10	2.2	130
42	Physiological roles for ecto-5'-nucleotidase (CD73). *Purinergic Signalling*, **2006**, 2, 351-60	3.8	377
41	HIF-dependent Repression of Na-K-2Cl- Co-transporter (NKCC1) in Hypoxia. *FASEB Journal*, **2006**, 20, A1094	0.9	
40	HIF-1-dependent repression of equilibrative nucleoside transporter (ENT) in hypoxia. *Journal of Experimental Medicine*, **2005**, 202, 1493-505	16.6	261
39	Lipid mediator networks and leukocyte transmigration. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2005**, 73, 197-202	2.8	13
38	Dynamic purine signaling and metabolism during neutrophil-endothelial interactions. *Purinergic Signalling*, **2005**, 1, 229-39	3.8	26
37	HIF-dependent induction of apical CD55 coordinates epithelial clearance of neutrophils. *FASEB Journal*, **2005**, 19, 950-9	0.9	66
36	Inflammatory Hypoxia: Role of Hypoxia-Inducible Factor. *Cell Cycle*, **2005**, 4, 255-257	4.7	109
35	Inflammatory hypoxia: role of hypoxia-inducible factor. *Cell Cycle*, **2005**, 4, 256-8	4.7	61
34	Crucial role for ecto-5'-nucleotidase (CD73) in vascular leakage during hypoxia. *Journal of Experimental Medicine*, **2004**, 200, 1395-405	16.6	419
33	Leukocyte adhesion during hypoxia is mediated by HIF-1-dependent induction of beta2 integrin gene expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10440-5	11.5	187
32	Epithelial hypoxia-inducible factor-1 is protective in murine experimental colitis. *Journal of Clinical Investigation*, **2004**, 114, 1098-1106	15.9	409
31	Endogenous adenosine produced during hypoxia attenuates neutrophil accumulation: coordination by extracellular nucleotide metabolism. *Blood*, **2004**, 104, 3986-92	2.2	287
30	Epithelial hypoxia-inducible factor-1 is protective in murine experimental colitis. *Journal of Clinical Investigation*, **2004**, 114, 1098-106	15.9	285
29	Coordinated adenine nucleotide phosphohydrolysis and nucleoside signaling in posthypoxic endothelium: role of ectonucleotidases and adenosine A2B receptors. *Journal of Experimental Medicine*, **2003**, 198, 783-96	16.6	395
28	Lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 inhibit human neutrophil migration: comparisons between synthetic 15 epimers in chemotaxis and transmigration with microvessel endothelial cells and epithelial cells. *Journal of Immunology*, **2003**, 170, 2688-94	5.3	100

27	Reduced inflammation and tissue damage in transgenic rabbits overexpressing 15-lipoxygenase and endogenous anti-inflammatory lipid mediators. *Journal of Immunology*, **2003**, 171, 6856-65	5.3	330
26	Antiadhesive role of apical decay-accelerating factor (CD55) in human neutrophil transmigration across mucosal epithelia. *Journal of Experimental Medicine*, **2003**, 198, 999-1010	16.6	71
25	Intestinal heat shock protein 110 regulates expression of CD1d on intestinal epithelial cells. *Journal of Clinical Investigation*, **2003**, 112, 745-54	15.9	11
24	Role of VASP in reestablishment of epithelial tight junction assembly after Ca2+ switch. *American Journal of Physiology - Cell Physiology*, **2002**, 282, C1235-45	5.4	81
23	Lipid mediator-induced expression of bactericidal/ permeability-increasing protein (BPI) in human mucosal epithelia. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3902-7	11.5	246
22	An aspirin-triggered lipoxin A4 stable analog displays a unique topical anti-inflammatory profile. *Journal of Immunology*, **2002**, 169, 7063-70	5.3	88
21	Role of vasodilator-stimulated phosphoprotein in PKA-induced changes in endothelial junctional permeability. *FASEB Journal*, **2002**, 16, 583-5	0.9	151
20	Resolvins: a family of bioactive products of omega-3 fatty acid transformation circuits initiated by aspirin treatment that counter proinflammation signals. *Journal of Experimental Medicine*, **2002**, 196, 1025-37	16.6	1296
19	Ecto-5?-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates permeability changes in intestinal epithelia. *Journal of Clinical Investigation*, **2002**, 110, 993-1002	15.9	489
18	Ecto-5'-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates permeability changes in intestinal epithelia. *Journal of Clinical Investigation*, **2002**, 110, 993-1002	15.9	328
17	Endothelial COX-2 induction by hypoxia liberates 6-keto-PGF1 alpha, a potent epithelial secretagogue. *Advances in Experimental Medicine and Biology*, **2002**, 507, 107-12	3.6	4
16	Hypoxia-inducible factor-1-dependent regulation of the multidrug resistance (MDR1) gene. *Cancer Research*, **2002**, 62, 3387-94	10.1	601
15	Phosphoinositide 3-kinase modulation of beta(3)-integrin represents an endogenous "braking" mechanism during neutrophil transmatrix migration. *Blood*, **2001**, 97, 3251-8	2.2	42
14	Hypoxia-inducible factor 1-dependent induction of intestinal trefoil factor protects barrier function during hypoxia. *Journal of Experimental Medicine*, **2001**, 193, 1027-34	16.6	321
13	The multiple roles of major histocompatibility complex class-I-like molecules in mucosal immune function. *Acta Odontologica Scandinavica*, **2001**, 59, 139-44	2.2	10
12	Novel functional sets of lipid-derived mediators with antiinflammatory actions generated from omega-3 fatty acids via cyclooxygenase 2-nonsteroidal antiinflammatory drugs and transcellular processing. *Journal of Experimental Medicine*, **2000**, 192, 1197-204	16.6	910
11	Hypoxia-induced expression of complement receptor type 1 (CR1, CD35) in human vascular endothelial cells. *American Journal of Physiology - Cell Physiology*, **1999**, 276, C450-8	5.4	43
10	Critical role of cAMP response element binding protein expression in hypoxia-elicited induction of epithelial tumor necrosis factor-alpha. *Journal of Biological Chemistry*, **1999**, 274, 19447-54	5.4	76

9	Epithelial permeability induced by neutrophil transmigration is potentiated by hypoxia: role of intracellular cAMP. *Journal of Cellular Physiology*, **1998**, 176, 76-84	7	48
8	Autocrine regulation of epithelial permeability by hypoxia: role for polarized release of tumor necrosis factor alpha. *Gastroenterology*, **1998**, 114, 657-68	13.3	171
7	Neutrophil-derived 5'-adenosine monophosphate promotes endothelial barrier function via CD73-mediated conversion to adenosine and endothelial A2B receptor activation. *Journal of Experimental Medicine*, **1998**, 188, 1433-43	16.6	189
6	Lipoxin B4 regulates human monocyte/neutrophil adherence and motility: design of stable lipoxin B4 analogs with increased biologic activity. *FASEB Journal*, **1998**, 12, 487-94	0.9	87
5	Reoxygenation of hypoxic human umbilical vein endothelial cells activates the classic complement pathway. *Circulation*, **1997**, 96, 326-33	16.7	68
4	Expression and Polarization of Intercellular Adhesion Molecule-1 on Human Intestinal Epithelia: Consequences for CD11b/CD18-Mediated Interactions with Neutrophils. *Molecular Medicine*, **1996**, 2, 489-505	6.2	145
3	Interleukin-4 and interleukin-13 differentially regulate epithelial chloride secretion. *Journal of Biological Chemistry*, **1996**, 271, 7460-4	5.4	99
2	Design of lipoxin A4 stable analogs that block transmigration and adhesion of human neutrophils. *Biochemistry*, **1995**, 34, 14609-15	3.2	281
1	NeutrophilEndothelial Cell Interactions141-152		