

# Kim Barrett

## List of Publications by Year in descending order

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166  
papers

4,948  
citations

81743

39  
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102304

66  
g-index

249  
all docs

249  
docs citations

249  
times ranked

5345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride Secretion by the Intestinal Epithelium: Molecular Basis and Regulatory Aspects. Annual Review of Physiology, 2000, 62, 535-572.	5.6	428
2	Probiotics and Commensals Reverse TNF- $\alpha$ and IFN- $\gamma$ -Induced Dysfunction in Human Intestinal Epithelial Cells. Gastroenterology, 2006, 130, 731-746.	0.6	278
3	Long-term uncoupling of chloride secretion from intracellular calcium levels by Ins(3,4,5,6)P4. Nature, 1994, 371, 711-714.	13.7	197
4	Inhibition of Ca <sup>2+</sup> -dependent Cl <sup>-</sup> secretion in T84 cells: membrane target(s) of inhibition is agonist specific. American Journal of Physiology - Cell Physiology, 1998, 274, C958-C965.	2.1	169
5	Carbachol Stimulates Transactivation of Epidermal Growth Factor Receptor and Mitogen-activated Protein Kinase in T84 Cells. Journal of Biological Chemistry, 1998, 273, 27111-27117.	1.6	147
6	Activation of mast cells by bile acids. Gastroenterology, 1991, 101, 446-456.	0.6	146
7	Carbachol-stimulated Transactivation of Epidermal Growth Factor Receptor and Mitogen-activated Protein Kinase in T84 Cells Is Mediated by Intracellular Ca <sup>2+</sup> , PYK-2, and p60. Journal of Biological Chemistry, 2000, 275, 12619-12625.	1.6	132
8	Role of Na <sup>+</sup> /Ca <sup>2+</sup> exchange in regulating cytosolic Ca <sup>2+</sup> in cultured human pulmonary artery smooth muscle cells. American Journal of Physiology - Cell Physiology, 2005, 288, C245-C252.	2.1	119
9	Epithelial dysfunction associated with the development of colitis in conventionally housed mdr1a <sup>-/-</sup> mice. American Journal of Physiology - Renal Physiology, 2005, 289, G153-G162.	1.6	118
10	Probiotics normalize the gut-brain-microbiota axis in immunodeficient mice. American Journal of Physiology - Renal Physiology, 2014, 307, G793-G802.	1.6	114
11	Enteroinvasive bacteria alter barrier and transport properties of human intestinal epithelium: Role of iNOS and COX-2. Gastroenterology, 2002, 122, 1070-1087.	0.6	113
12	Modulation of the microbiota-gut-brain axis by probiotics in a murine model of inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2016, 310, G989-G998.	1.6	107
13	Phosphatidylinositol 3-Kinase Mediates the Inhibitory Effect of Epidermal Growth Factor on Calcium-dependent Chloride Secretion. Journal of Biological Chemistry, 1996, 271, 26588-26595.	1.6	102
14	Transactivation of the Epidermal Growth Factor Receptor in Colonic Epithelial Cells by Carbachol Requires Extracellular Release of Transforming Growth Factor- $\beta$ . Journal of Biological Chemistry, 2002, 277, 42603-42612.	1.6	102
15	Pathophysiology, Evaluation, and Management of Chronic Watery Diarrhea. Gastroenterology, 2017, 152, 515-532.e2.	0.6	102
16	Protection of Epithelial Barrier Function by the Crohn's Disease Associated Gene Protein Tyrosine Phosphatase N2. Gastroenterology, 2009, 137, 2030-2040.e5.	0.6	100
17	AMP-activated Protein Kinase Mediates the Interferon- $\gamma$ -induced Decrease in Intestinal Epithelial Barrier Function. Journal of Biological Chemistry, 2009, 284, 27952-27963.	1.6	93
18	Pharmacological correction of a defect in PPAR- $\gamma$ signaling ameliorates disease severity in Cfr-deficient mice. Nature Medicine, 2010, 16, 313-318.	15.2	88

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19	The Role of Ion Transporters in the Pathophysiology of Infectious Diarrhea. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 33-45.	2.3	85
20	Should We Divide Crohn's Disease Into Ileum-Dominant and Isolated Colonic Diseases?. Clinical Gastroenterology and Hepatology, 2019, 17, 2634-2643.	2.4	85
21	Modulation of chloride secretory responses and barrier function of intestinal epithelial cells by the Salmonella effector protein SigD. American Journal of Physiology - Cell Physiology, 2004, 287, C939-C948.	2.1	58
22	Bile acid-induced secretion in polarized monolayers of T84 colonic epithelial cells: structure-activity relationships. American Journal of Physiology - Renal Physiology, 2007, 292, G290-G297.	1.6	58
23	Gs Protein-coupled Receptor Agonists Induce Transactivation of the Epidermal Growth Factor Receptor in T84 Cells. Journal of Biological Chemistry, 2004, 279, 6271-6279.	1.6	55
24	Epidermal Growth Factor Partially Restores Colonic Ion Transport Responses in Mouse Models of Chronic Colitis. Gastroenterology, 2005, 129, 591-608.	0.6	55
25	A Role for Protein Kinase C $\mu$ in the Inhibitory Effect of Epidermal Growth Factor on Calcium-stimulated Chloride Secretion in Human Colonic Epithelial Cells. Journal of Biological Chemistry, 2000, 275, 21169-21176.	1.6	54
26	Varied role of the gut epithelium in mucosal homeostasis. Current Opinion in Gastroenterology, 2007, 23, 647-654.	1.0	54
27	Calcium-sensing receptor modulates extracellular Ca <sup>2+</sup> entry via TRPC-encoded receptor-operated channels in human aortic smooth muscle cells. American Journal of Physiology - Cell Physiology, 2011, 301, C461-C468.	2.1	49
28	Activation by calcium alone of chloride secretion in T <sub>84</sub> epithelial cells. British Journal of Pharmacology, 1993, 109, 510-517.	2.7	48
29	Cloning, Expression, Signaling Mechanisms, and Membrane Targeting of P2Y <sub>11</sub> Receptors in Madin Darby Canine Kidney Cells. Molecular Pharmacology, 2001, 60, 26-35.	1.0	48
30	Altered Expression and Localization of Ion Transporters Contribute to Diarrhea in Mice With Salmonella-Induced Enteritis. Gastroenterology, 2013, 145, 1358-1368.e4.	0.6	48
31	Nod-like receptors are critical for gut-brain axis signalling in mice. Journal of Physiology, 2019, 597, 5777-5797.	1.3	48
32	Hypercapnia Suppresses the HIF-dependent Adaptive Response to Hypoxia. Journal of Biological Chemistry, 2016, 291, 11800-11808.	1.6	47
33	p38 mitogen-activated protein kinase inhibits calcium-dependent chloride secretion in T <sub>84</sub> colonic epithelial cells. American Journal of Physiology - Cell Physiology, 2003, 284, C339-C348.	2.1	45
34	Epidermal Growth Factor Partially Restores Colonic Ion Transport Responses in Mouse Models of Chronic Colitis. Gastroenterology, 2005, 129, 591-608.	0.6	44
35	5-HT induces duodenal mucosal bicarbonate secretion via cAMP- and Ca <sup>2+</sup> -dependent signaling pathways and 5-HT <sub>4</sub> receptors in mice. American Journal of Physiology - Renal Physiology, 2004, 286, G444-G451.	1.6	43
36	ErbB2 and ErbB3 Receptors Mediate Inhibition of Calcium-dependent Chloride Secretion in Colonic Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 33449-33454.	1.6	42

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37	Effects of quercetin on epithelial chloride secretion. <i>Life Sciences</i> , 1997, 61, 2049-2055.	2.0	40
38	New ways of thinking about (and teaching about) intestinal epithelial function. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2008, 32, 25-34.	0.8	40
39	Prolonged interferon- $\beta$ exposure decreases ion transport, NKCC1, and Na <sup>+</sup> -K <sup>+</sup> -ATPase expression in human intestinal xenografts in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G157-G165.	1.6	39
40	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.	1.6	37
41	Mutation of EpCAM leads to intestinal barrier and ion transport dysfunction. <i>Journal of Molecular Medicine</i> , 2015, 93, 535-545.	1.7	37
42	Mast cells are not essential to inflammation in murine model of colitis. <i>Digestive Diseases and Sciences</i> , 1994, 39, 513-525.	1.1	36
43	Interferon- $\beta$ activates EGF receptor and increases TGF- $\beta$ in T84 cells: implications for chloride secretion. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, G923-G931.	1.6	35
44	Modulation of Intestinal Barrier Properties by Probiotics: Role in Reversing Colitis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 175-182.	1.8	35
45	Na <sup>+</sup> /Ca <sup>2+</sup> exchange regulates Ca <sup>2+</sup> -dependent duodenal mucosal ion transport and HCO <sub>3</sub> <sup>-</sup> secretion in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G457-G465.	1.6	33
46	Human evolutionary loss of epithelial Neu5Gc expression and species-specific susceptibility to cholera. <i>PLoS Pathogens</i> , 2018, 14, e1007133.	2.1	33
47	A prebiotic fructo-oligosaccharide promotes tight junction assembly in intestinal epithelial cells via an AMPK-dependent pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110415.	2.5	33
48	Regulation of Chloride Secretion: Novel Pathways and Messengers. <i>Annals of the New York Academy of Sciences</i> , 2000, 915, 67-76.	1.8	31
49	Heat-stable enterotoxin of <i>Escherichia coli</i> stimulates a non-CFTR-mediated duodenal bicarbonate secretory pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G654-G663.	1.6	29
50	Salmonella Infection Induces a Hypersecretory Phenotype in Human Intestinal Xenografts by Inducing Cyclooxygenase 2. <i>Infection and Immunity</i> , 2003, 71, 2102-2109.	1.0	28
51	Histamine release from rodent and human mast cells induced by protoporphyrin and ultraviolet light: studies of the mechanism of mast-cell activation in erythropoietic protoporphyria. <i>British Journal of Dermatology</i> , 1990, 122, 501-512.	1.4	27
52	Inhibition of epithelial chloride secretion by butyrate: role of reduced adenyl cyclase expression and activity. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1837-C1849.	2.1	27
53	Consequences of Direct Versus Indirect Activation of Epidermal Growth Factor Receptor in Intestinal Epithelial Cells Are Dictated by Protein-tyrosine Phosphatase 1B. <i>Journal of Biological Chemistry</i> , 2007, 282, 13303-13315.	1.6	27
54	Heat-stable enterotoxin of <i>Escherichia coli</i> (STa) can stimulate duodenal HCO <sub>3</sub> <sup>-</sup> secretion via a novel GCa <sup>2+</sup> - and CFTR-independent pathway. <i>FASEB Journal</i> , 2008, 22, 1306-1316.	0.2	27

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55	Phosphatidylinositol 3-Kinase-dependent Pathways Oppose Fas-induced Apoptosis and Limit Chloride Secretion in Human Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 47563-47574.	1.6	23
56	5- $\alpha$ -Hydroxytryptamine contributes significantly to a reflex pathway by which the duodenal mucosa protects itself from gastric acid injury. <i>FASEB Journal</i> , 2006, 20, 2486-2495.	0.2	23
57	Upregulation of activin signaling in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G768-G780.	1.6	23
58	Interferon- $\beta$ Alters Downstream Signaling Originating from Epidermal Growth Factor Receptor in Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 2144-2155.	1.6	22
59	Growth hormone reduces chloride secretion in human colonic epithelial cells via EGF receptor and extracellular regulated kinase1 1The authors thank Ms. Glenda Wheeler for assistance with manuscript submission.. <i>Gastroenterology</i> , 2003, 125, 1114-1124.	0.6	21
60	Epithelial transport and gut barrier function in colitis. <i>Current Opinion in Gastroenterology</i> , 2003, 19, 578-582.	1.0	21
61	Hydroxylase inhibition regulates inflammation-induced intestinal fibrosis through the suppression of ERK-mediated TGF- $\beta$ 1 signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G1076-G1090.	1.6	21
62	Hydrogen peroxide scavenger, catalase, alleviates ion transport dysfunction in murine colitis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1097-1106.	0.9	20
63	Pharmacological Aspects of Therapy in Inflammatory Bowel Diseases. <i>Journal of Clinical Gastroenterology</i> , 1988, 10, 57-63.	1.1	19
64	Cytokines: sources, receptors and signalling. <i>Bailliere's Clinical Gastroenterology</i> , 1996, 10, 1-15.	0.9	19
65	Differential effects of apical and basolateral uridine triphosphate on intestinal epithelial chloride secretion. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1431-C1439.	2.1	19
66	Interleukin 9 Alters Epithelial Barrier and E-cadherin in Eosinophilic Esophagitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, 225-231.	0.9	19
67	Fluid and electrolyte secretion in the inflamed gut: novel targets for treatment of inflammation-induced diarrhea. <i>Current Opinion in Pharmacology</i> , 2013, 13, 895-899.	1.7	18
68	Potential of calcium-activated chloride secretion and barrier dysfunction may underlie EGF receptor tyrosine kinase inhibitor-induced diarrhea. <i>Physiological Reports</i> , 2020, 8, e14490.	0.7	18
69	T cell protein tyrosine phosphatase protects intestinal barrier function by restricting epithelial tight junction remodeling. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	18
70	Transactivation of the epidermal growth factor receptor mediates muscarinic stimulation of focal adhesion kinase in intestinal epithelial cells. <i>Journal of Cellular Physiology</i> , 2005, 203, 103-110.	2.0	17
71	Utility of endoscopic biopsy samples to quantitate human duodenal ion transport. <i>Translational Research</i> , 1998, 132, 512-518.	2.4	16
72	Integrative Physiology and Pathophysiology of Intestinal Electrolyte Transport. , 2006, , 1931-1951.		16

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73	New insights into the pathogenesis of intestinal dysfunction: secretory diarrhea and cystic fibrosis. <i>World Journal of Gastroenterology</i> , 2000, 6, 470-474.	1.4	16
74	Effect of Histamine and Other Mast Cell Mediators on T84 Epithelial Cells. <i>Annals of the New York Academy of Sciences</i> , 1992, 664, 222-231.	1.8	14
75	Hydrogen peroxide inhibits Ca <sup>2+</sup> -dependent chloride secretion across colonic epithelial cells via distinct kinase signaling pathways and ion transport proteins. <i>FASEB Journal</i> , 2008, 22, 2023-2036.	0.2	14
76	Apical leptin induces chloride secretion by intestinal epithelial cells and in a rat model of acute chemotherapy-induced colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G714-G721.	1.6	14
77	Salmonella-induced Diarrhea Occurs in the Absence of IL-8 Receptor (CXCR2)-Dependent Neutrophilic Inflammation. <i>Journal of Infectious Diseases</i> , 2015, 212, 128-136.	1.9	14
78	Claudin-2 pore causes leak that breaches the dam in intestinal inflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 5100-5101.	3.9	14
79	Inhibition of rabbit duodenal bicarbonate secretion by ulcerogenic agents: Histamine-dependent and -independent effects. <i>Gastroenterology</i> , 1998, 114, 527-535.	0.6	13
80	Enteroids expressing a disease-associated mutant of EpCAM are a model for congenital tufting enteropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G580-G591.	1.6	13
81	Bioactivatable derivatives of 8-substituted cAMP-analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 945-948.	1.0	12
82	A Role for CagA/VacA in <i>Helicobacter pylori</i> Inhibition of Murine Duodenal Mucosal Bicarbonate Secretion. <i>Digestive Diseases and Sciences</i> , 2004, 49, 1845-1852.	1.1	12
83	Endogenous and exogenous control of gastrointestinal epithelial function: building on the legacy of Bayliss and Starling. <i>Journal of Physiology</i> , 2017, 595, 423-432.	1.3	12
84	Intestinal secretory mechanisms and diarrhea. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G405-G420.	1.6	12
85	Insulin and IGF-I inhibit calcium-dependent chloride secretion by T84 human colonic epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G129-G137.	1.6	11
86	Protein kinase C potentiates cAMP-stimulated mouse duodenal mucosal bicarbonate secretion in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G814-G821.	1.6	11
87	Influence of the microbiota on host physiology “moving beyond the gut. <i>Journal of Physiology</i> , 2017, 595, 433-435.	1.3	11
88	Histamine inhibits prostaglandin E <sub>2</sub> -stimulated rabbit duodenal bicarbonate secretion via H <sub>2</sub> receptors and enteric nerves. <i>Gastroenterology</i> , 1995, 108, 1676-1682.	0.6	10
89	Probiotic inhibition of the entry of enteroinvasive <i>E. coli</i> into, human intestinal epithelial cells involves both Rho-dependent and -independent pathways. <i>Gastroenterology</i> , 2003, 124, A106.	0.6	10
90	Modulation of human cutaneous mast cell responsiveness by a single, low-dose, PUVA treatment. <i>Journal of Allergy and Clinical Immunology</i> , 1991, 88, 395-401.	1.5	9

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91	A new twist on trefoils. Focus on $\alpha$ TFF3 modulates NF- $\kappa$ B and a novel regulatory molecule of NF- $\kappa$ B in intestinal epithelial cells via a mechanism distinct from TNF- $\alpha$ ; American Journal of Physiology - Cell Physiology, 2005, 289, C1069-C1071.	2.1	9
92	Epithelial biology in the gastrointestinal system: insights into normal physiology and disease pathogenesis. Journal of Physiology, 2012, 590, 419-420.	1.3	9
93	Reports of Physiology's Demise Have Been Greatly Exaggerated. Physiology, 2013, 28, 360-362.	1.6	9
94	Effect of the diglyceride lipase inhibitor, RG80267, on epithelial chloride secretion induced by various agents. Cellular Signalling, 1995, 7, 225-233.	1.7	8
95	Promoting Physiology as an Essential Element in Translational Research. Physiology, 2012, 27, 326-326.	1.6	8
96	Congenital Tufting Enteropathy-Associated Mutant of Epithelial Cell Adhesion Molecule Activates the Unfolded Protein Response in a Murine Model of the Disease. Cells, 2020, 9, 946.	1.8	8
97	Lactobacillus commensals autochthonous to human milk have the hallmarks of potent probiotics. Microbiology (United Kingdom), 2020, 166, 966-980.	0.7	8
98	Epithelial transport in digestive diseases: mice, monolayers, and mechanisms. American Journal of Physiology - Cell Physiology, 2020, 318, C1136-C1143.	2.1	7
99	Hypertonic saline reduces neutrophil-epithelial interactions in vitro and gut tissue damage in a mouse model of colitis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1839-R1845.	0.9	6
100	Building better bugs to deliver biologics in intestinal inflammation. Gut, 2010, 59, 427-428.	6.1	6
101	Neuroimmune regulation of human intestinal transport. Gastroenterology, 1993, 105, 934-936.	0.6	5
102	Preparing Your Curriculum Vitae. Journal of Pediatric Gastroenterology and Nutrition, 2002, 34, 362-365.	0.9	5
103	Role of protein phosphatase 2A in calcium-dependent chloride secretion by human colonic epithelial cells. American Journal of Physiology - Cell Physiology, 2007, 292, C452-C459.	2.1	5
104	Reproducibility and data presentation. Journal of Physiology, 2019, 597, 5313-5313.	1.3	5
105	Impact of statins on vascular smooth muscle cells and relevance to atherosclerosis. Journal of Physiology, 2020, 598, 2295-2296.	1.3	5
106	A potentially probiotic strain of Enterococcus faecalis from human milk that is avirulent, antibiotic sensitive, and nonbreaching of the gut barrier. Archives of Microbiology, 2022, 204, 158.	1.0	5
107	Comparison of early signaling events and physiological consequences in Salmonella typhimurium-and typhi-infected intestinal epithelial cells. Gastroenterology, 2003, 124, A476.	0.6	4
108	Aberrant Epithelial Differentiation Contributes to Pathogenesis in a Murine Model of Congenital Tufting Enteropathy. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1353-1371.	2.3	4



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109	â€œIt's ugly, but there it is.â€. American Journal of Physiology - Cell Physiology, 2000, 278, C627-C628.		
110	Altered chloride secretory responses in HT29/Cl.19A cells infected with giardia lamblia. Gastroenterology, 2000, 118, A684.	0.6	3
111	The yin and yang of intestinal differentiation: Key roles for lipid signaling. Gastroenterology, 2001, 120, 1543-1546.	0.6	3
112	Rethinking cholera pathogenesis- No longer all in the same â€œcampâ€. Virulence, 2016, 7, 751-753.	1.8	3
113	Increased expression of nitric oxide synthase (iNOS) and cyclooxygenase-2 (COX-2) is associated with enhanced chloride secretion in cells infected with enteroinvasive bacteria. Gastroenterology, 2000, 118, A818.	0.6	2
114	Calcium-mediated chloride secretion in the intestinal epithelium: Significance and regulation. Current Topics in Membranes, 2002, 53, 257-282.	0.5	2
115	Probiotics and commensals reverse TNF-Î±- and IFN-Î³-induced dysfunction in human intestinal epithelial cells. Gastroenterology, 2003, 124, A477.	0.6	2
116	The world within â€œ impact of the intestinal microbiota on whole body physiology and pathophysiology. Journal of Physiology, 2009, 587, 4151-4151.	1.3	2
117	Success as a PhD in Gastroenterology. Gastroenterology, 2012, 143, 278-281.	0.6	2
118	New frontiers in gastrointestinal physiology and pathophysiology. Journal of Physiology, 2018, 596, 3859-3860.	1.3	2
119	Diarrhoeal pathogenesis in <i>Salmonella</i> infection may result from an imbalance in intestinal epithelial differentiation through reduced Notch signalling. Journal of Physiology, 2022, 600, 1851-1865.	1.3	2
120	Cytokine Interactions with Epithelium. Canadian Journal of Gastroenterology & Hepatology, 1996, 10, 323-328.	1.8	1
121	Human intestinal xenografts as a new model for ion transport studies. Gastroenterology, 2000, 118, A604.	0.6	1
122	Natural history of colitis and associated epithelial dysfunction in conventionally housed Mdr1a <sup>-/-</sup> mice. Gastroenterology, 2003, 124, A480.	0.6	1
123	Acute activation of Gq protein-coupled receptors elicits chronic inhibition of colonic epithelial Cl <sup>-</sup> secretion. Gastroenterology, 2003, 124, A306.	0.6	1
124	Role of Salmonella effector proteins SipB and SipC in altered barrier and transport properties of human intestinal epithelium. Gastroenterology, 2003, 124, A112.	0.6	1
125	How Can we Battle the Scourge of Diarrhea? 2003 Mckenna Memorial Lecture. Canadian Journal of Gastroenterology & Hepatology, 2003, 17, 667-672.	1.8	1
126	Posthumous presentation of the Julius M. Friedenwald Medal to Jon I. Isenberg, M.D.. Gastroenterology, 2004, 126, 1884-1889.	0.6	1



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127	Congratulations, APS! 125 and counting  . Journal of Physiology, 2012, 590, 1771-1772.	1.3	1
128	P-188â€fNod Receptors Modulate the Microbiota-Gut-Brain Axis. Inflammatory Bowel Diseases, 2016, 22, S66.	0.9	1
129	Mapping the Duodenal Crypt-Villus Transport Axis. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 642-644.	2.3	1
130	DRAwing Conclusions About the Basis of Diarrhea in Inflammatory Bowel Disease. Digestive Diseases and Sciences, 2020, 65, 1581-1583.	1.1	1
131	Mechanisms for amplified mediator release from colonic mast cells: Implications for interstitial inflammatory diseases. World Journal of Gastroenterology, 2004, 10, 617.	1.4	1
132	Salmonella dublin infection inhibits chloride secretion in T84 cells. Gastroenterology, 2000, 118, A813.	0.6	0
133	Carbachol activates p38 MAP kinase in T84 cells: Implications for carbachol-stimulated chloride secretion. Gastroenterology, 2000, 118, A871.	0.6	0
134	Protein kinase CE mediates the inhmitory effect of epidermal growth factor on carbachol-induced chloride secretion in T84 epithelial cells. Gastroenterology, 2000, 118, A605.	0.6	0
135	Protein phosphatase 2A participates in effect of epidermal growth factor on phosphatidylinositol 3-kinase: Role in ion transport. Gastroenterology, 2001, 120, A22.	0.6	0
136	Decreased ion transport and NKCC-1 levels in interferon-gamma treated human intestinal xenografts. Gastroenterology, 2001, 120, A193.	0.6	0
137	Guanylate cyclase C (GC-C) mediates acid-stimulated duodenal mucosal bicarbonate secretion (DMBS). Gastroenterology, 2001, 120, A527.	0.6	0
138	Rotavirus infection induces increased chloride secretion, altered barrier function and epidermal growth factor receptor (EGF-R) polyubiquitination in intestinal epithelial cells (IEC). Gastroenterology, 2001, 120, A704-A705.	0.6	0
139	New Insights into Gastrointestinal and Liver Diseases Based on Molecular Aspects of Transport Physiology. Journal of Investigative Medicine, 2002, 50, 234-235.	0.7	0
140	JAK2 mediates the negative regulation of calcium-dependent chloride secretion by growth hormone in human colonic epithelial cells. Gastroenterology, 2003, 124, A313.	0.6	0
141	Epidermal growth factor, transforming growth factor-Î±, and carbachol display differences in specific epidermal growth factor receptor tyrosine residue phosphorylation, and dependence on PI3-kinase to inhibit chloride secretion. Gastroenterology, 2003, 124, A118-A119.	0.6	0
142	Loosening the Ties That Bindâ€™ Novel Strategy to Enhance Oral Bioavailability. Molecular Pharmacology, 2003, 64, 1279-1282.	1.0	0
143	Microcompetition with Foreign DNA and the Origin of Chronic Disease (reivew). Perspectives in Biology and Medicine, 2005, 48, 143-146.	0.3	0
144	A Joy for (the Science of) Life!. Physiology, 2014, 29, 382-383.	1.6	0

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145	570 In Vivo PTPN2-Deficiency and a Dominant-Negative PTPN2 Mutation Cause Increased Intestinal Permeability and Alter Tight Junction Composition. <i>Gastroenterology</i> , 2014, 146, S-105.	0.6	0
146	Martin F. Kagnoff, MD, January 19, 1941â€”November 16, 2014. <i>Gastroenterology</i> , 2015, 148, 457-458.	0.6	0
147	Changing of the Guard. <i>Journal of Physiology</i> , 2016, 594, 1795-1796.	1.3	0
148	Reflecting on a year of change and the year ahead. <i>Journal of Physiology</i> , 2017, 595, 2399-2404.	1.3	0
149	Looking to and nurturing the future of physiology. <i>Journal of Physiology</i> , 2017, 595, 7263-7264.	1.3	0
150	A New Target to Treat Diarrhea in Cholera?. <i>Journal of Infectious Diseases</i> , 2019, 220, 1711-1712.	1.9	0
151	Relieving tension: effects of cannabinoids on vagal afferent sensitivity. <i>Journal of Physiology</i> , 2020, 598, 5-6.	1.3	0
152	A Pathobiont Fragments Mitochondrial Networks in Epithelial Cells: Implications for Crohnâ€™s Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 665-666.	2.3	0
153	Gastrointestinal jabberwocky to bioengineering design: using function diagrams to teach physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2021, 45, 264-268.	0.8	0
154	The Future of Pediatric Research Looks Bright. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001, 32, 118-119.	0.9	0
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