Didier Merlin

List of Publications by Year
in descending order

190 papers	13,508 citations	14614 66 h-index	25716 108 g-index
192 all docs	192 docs citations	192 times ranked	16189 citing authors

#	Article	IF	Citations
1	Infrared spectrometric biomarkers for ulcerative colitis screening using human serum samples. Journal of Biophotonics, 2022, 15, e202100307.	1.1	4
2	Preparation, Characterization, and Cell Uptake of PLGA/PLA-PEG-FA Nanoparticles. Bio-protocol, 2022, 12, e4373.	0.2	0
3	Inflammatory bowel disease biomarkers. Medicinal Research Reviews, 2022, 42, 1856-1887.	5.0	25
4	The Current Status of Molecular Biomarkers for Inflammatory Bowel Disease. Biomedicines, 2022, 10, 1492.	1.4	18
5	Prevention of Ulcerative Colitis by Autologous Metabolite Transfer from Colitogenic Microbiota Treated with Lipid Nanoparticles Encapsulating an Anti-Inflammatory Drug Candidate. Pharmaceutics, 2022, 14, 1233.	2.0	7
6	Atomic Force Microscopy to Characterize Ginger Lipid-Derived Nanoparticles (GLDNP). Bio-protocol, 2021, 11, e3969.	0.2	4
7	Point-of-Care Monitoring of Colitis Using Intestinal Alkaline Phosphatase in Inflammatory Bowel Disease. ACS Sensors, 2021, 6, 698-702.	4.0	5
8	PepT1-knockout mice harbor a protective metabolome beneficial for intestinal wound healing. American Journal of Physiology - Renal Physiology, 2021, 320, G888-G896.	1.6	3
9	Oral Administration of Ginger-Derived Lipid Nanoparticles and Dmt1 siRNA Potentiates the Effect of Dietary Iron Restriction and Mitigates Pre-Existing Iron Overload in Hamp KO Mice. Nutrients, 2021, 13, 1686.	1.7	10
10	Intestinal iron absorption is appropriately modulated to match physiological demand for iron in wild-type and iron-loaded Hamp (hepcidin) knockout rats during acute colitis. PLoS ONE, 2021, 16, e0252998.	1.1	1
11	Orally Administered Natural Lipid Nanoparticle-Loaded 6-Shogaol Shapes the Anti-Inflammatory Microbiota and Metabolome. Pharmaceutics, 2021, 13, 1355.	2.0	12
12	Oral delivery of natural active small molecules by polymeric nanoparticles for the treatment of inflammatory bowel diseases. Advanced Drug Delivery Reviews, 2021, 176, 113887.	6.6	83
13	Oral Targeted Delivery by Nanoparticles Enhances Efficacy of an Hsp90 Inhibitor by Reducing Systemic Exposure in Murine Models of Colitis and Colitis-Associated Cancer. Journal of Crohn's and Colitis, 2020, 14, 130-141.	0.6	32
14	Autologous Exosome Transfer: A New Personalised Treatment Concept to Prevent Colitis in a Murine Model. Journal of Crohn's and Colitis, 2020, 14, 841-855.	0.6	24
15	Can naturally occurring nanoparticle-based targeted drug delivery effectively treat inflammatory bowel disease?. Expert Opinion on Drug Delivery, 2020, 17, 1-4.	2.4	19
16	IL-36R signaling integrates innate and adaptive immune-mediated protection against enteropathogenic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27540-27548.	3.3	15
17	Impact of PepT1 deletion on microbiota composition and colitis requires multiple generations. Npj Biofilms and Microbiomes, 2020, 6, 27.	2.9	6
18	Lipid-Based Drug Delivery Nanoplatforms for Colorectal Cancer Therapy. Nanomaterials, 2020, 10, 1424.	1.9	42

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19	Matrix metalloproteinase 9 (MMP9) limits reactive oxygen species (ROS) accumulation and DNA damage in colitis-associated cancer. Cell Death and Disease, 2020, 11, 767.	2.7	39
20	Erythroid differentiation regulator-1 induced by microbiota in early life drives intestinal stem cell proliferation and regeneration. Nature Communications, 2020, 11, 513.	5.8	38
21	Examination of food consumption in United States adults and the prevalence of inflammatory bowel disease using National Health Interview Survey 2015. PLoS ONE, 2020, 15, e0232157.	1.1	7
22	Natural-lipid nanoparticle-based therapeutic approach to deliver 6-shogaol and its metabolites M2 and M13 to the colon to treat ulcerative colitis. Journal of Controlled Release, 2020, 323, 293-310.	4.8	36
23	Isolation and Characterization of Exosomes from Mouse Feces. Bio-protocol, 2020, 10, .	0.2	4
24	Preparation and Characterization of Ginger Lipid-derived Nanoparticles for Colon-targeted siRNA Delivery. Bio-protocol, 2020, 10, .	0.2	12
25	Title is missing!. , 2020, 15, e0232157.		0
26	Title is missing!. , 2020, 15, e0232157.		0
27	Title is missing!. , 2020, 15, e0232157.		0
28	Title is missing!. , 2020, 15, e0232157.		0
29	Highly Biocompatible Functionalized Layerâ€byâ€Layer Ginger Lipid Nano Vectors Targeting Pâ€Selectin for Delivery of Doxorubicin to Treat Colon Cancer. Advanced Therapeutics, 2019, 2, 1900129.	1.6	17
30	Silk fibroin-based nanotherapeutics: application in the treatment of colonic diseases. Nanomedicine, 2019, 14, 2373-2378.	1.7	22
31	Oral Gavage of Ginger Nanoparticle-Derived Lipid Vectors Carrying Dmt1 siRNA Blunts Iron Loading in Murine Hereditary Hemochromatosis. Molecular Therapy, 2019, 27, 493-506.	3.7	52
32	Host-derived fecal microRNAs can indicate gut microbiota healthiness and ability to induce inflammation. Theranostics, 2019, 9, 4542-4557.	4.6	52
33	Early-Life Microbiota Exposure Restricts Myeloid-Derived Suppressor Cellâ€“Driven Colonic Tumorigenesis. Cancer Immunology Research, 2019, 7, 544-551.	1.6	23
34	Nanoparticle-Mediated Drug Delivery Systems For The Treatment Of IBD: Current Perspectives . International Journal of Nanomedicine, 2019, Volume 14, 8875-8889.	3.3	99
35	Isolation, Purification, and Characterization of Ginger-derived Nanoparticles (GDNPs) from Ginger, Rhizome of Zingiber officinale. Bio-protocol, 2019, 9, .	0.2	16
36	Advances in plant-derived edible nanoparticle-based lipid nano-drug delivery systems as therapeutic nanomedicines. Journal of Materials Chemistry B, 2018, 6, 1312-1321.	2.9	150

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37	Oral Delivery of Nanoparticles Loaded With Ginger Active Compound, 6-Shogaol, Attenuates Ulcerative Colitis and Promotes Wound Healing in a Murine Model of Ulcerative Colitis. Journal of Crohn's and Colitis, 2018, 12, 217-229.	0.6	150
38	Overexpression of CD98 in intestinal epithelium dysregulates miRNAs and their targeted proteins along the ileal villus-crypt axis. Scientific Reports, 2018, 8, 16220.	1.6	4
39	Nanoparticle-Based Oral Drug Delivery Systems Targeting the Colon for Treatment of Ulcerative Colitis. Inflammatory Bowel Diseases, 2018, 24, 1401-1415.	0.9	105
40	Function, Regulation, and Pathophysiological Relevance of the POT Superfamily, Specifically PepT1 in Inflammatory Bowel Disease. , 2018, 8, 731-760.		30
41	A cytokine network involving IL-36Î³, IL-23, and IL-22 promotes antimicrobial defense and recovery from intestinal barrier damage. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5076-E5085.	3.3	87
42	TNFÎ± gene silencing mediated by orally targeted nanoparticles combined with interleukin-22 for synergistic combination therapy of ulcerative colitis. Journal of Controlled Release, 2018, 287, 235-246.	4.8	96
43	Silencing of Intestinal Glycoprotein CD98 by Orally Targeted Nanoparticles Enhances Chemosensitization of Colon Cancer. ACS Nano, 2018, 12, 5253-5265.	7.3	78
44	Protein secondary structure analysis of dried blood serum using infrared spectroscopy to identify markers for colitis screening. Journal of Biophotonics, 2018, 11, e201700057.	1.1	27
45	Nanoparticle-mediated co-delivery of chemotherapeutic agent and siRNA for combination cancer therapy. Expert Opinion on Drug Delivery, 2017, 14, 65-73.	2.4	80
46	Minimally invasive screening for colitis using attenuated total internal reflectance fourier transform infrared spectroscopy. Journal of Biophotonics, 2017, 10, 465-472.	1.1	28
47	Orally Targeted Delivery of Tripeptide KPV via Hyaluronic Acid-Functionalized Nanoparticles Efficiently Alleviates Ulcerative Colitis. Molecular Therapy, 2017, 25, 1628-1640.	3.7	138
48	MiRNA Quantitation with Microelectrode Sensors Enabled by Enzymeless Electrochemical Signal Amplification. Methods in Molecular Biology, 2017, 1580, 249-263.	0.4	2
49	Oral delivery of curcumin via porous polymeric nanoparticles for effective ulcerative colitis therapy. Journal of Materials Chemistry B, 2017, 5, 5881-5891.	2.9	30
50	Effects of tripolyphosphate on cellular uptake and RNA interference efficiency of chitosan-based nanoparticles in Raw 264.7 macrophages. Journal of Colloid and Interface Science, 2017, 490, 520-528.	5.0	33
51	Nanotherapeutics for the treatment of inflammatory bowel disease. Expert Review of Gastroenterology and Hepatology, 2017, 11, 495-497.	1.4	16
52	Curcuma Longa-Derived Nanoparticles Reduce Colitis and Promote Intestinal Wound Repair by Inactivating the NF-ÃŽÅ¡B Pathway. Gastroenterology, 2017, 152, S567.	0.6	10
53	iRGD-functionalized PEGylated nanoparticles for enhanced colon tumor accumulation and targeted drug delivery. Nanomedicine, 2017, 12, 1991-2006.	1.7	27
54	Serum miRNA signature diagnoses and discriminates murine colitis subtypes and predicts ulcerative colitis in humans. Scientific Reports, 2017, 7, 2520.	1.6	28

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55	Oral administration of ginger-derived nanolipids loaded with siRNA as a novel approach for efficient siRNA drug delivery to treat ulcerative colitis. Nanomedicine, 2017, 12, 1927-1943.	1.7	166
56	Dietary Emulsifierâ€“Induced Low-Grade Inflammation Promotes Colon Carcinogenesis. Cancer Research, 2017, 77, 27-40.	0.4	187
57	Low-frequency ultrasound may improve drug penetration in colonic mucosa. Translational Cancer Research, 2017, 6, S276-S279.	0.4	5
58	Nanotherapeutics for Inflammatory Bowel Disease. , 2017, , 125-144.		0
59	Combination Therapy for Ulcerative Colitis: Orally Targeted Nanoparticles Prevent Mucosal Damage and Relieve Inflammation. Theranostics, 2016, 6, 2250-2266.	4.6	174
60	Urocanic acid-modified chitosan nanoparticles can confer anti-inflammatory effect by delivering CD98 siRNA to macrophages. Colloids and Surfaces B: Biointerfaces, 2016, 143, 186-193.	2.5	26
61	Edible Ginger-derived Nano-lipids Loaded with Doxorubicin as a Novel Drug-delivery Approach for Colon Cancer Therapy. Molecular Therapy, 2016, 24, 1783-1796.	3.7	226
62	PepT1 Expression Helps Maintain Intestinal Homeostasis by Mediating the Differential Expression of miRNAs along the Crypt-Villus Axis. Scientific Reports, 2016, 6, 27119.	1.6	16
63	Do ginger-derived nanoparticles represent an attractive treatment strategy for inflammatory bowel diseases?. Nanomedicine, 2016, 11, 3035-3037.	1.7	25
64	A Hyaluronidase-Responsive Nanoparticle-Based Drug Delivery System for Targeting Colon Cancer Cells. Cancer Research, 2016, 76, 7208-7218.	0.4	108
65	Critical Role of PepT1 in Promoting Colitis-Associated Cancer and Therapeutic Benefits of the Anti-inflammatory PepT1-Mediated Tripeptide KPV in a Murine Model. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 340-357.	2.3	24
66	Edible ginger-derived nanoparticles: A novel therapeutic approach for the prevention and treatment of inflammatory bowel disease and colitis-associated cancer. Biomaterials, 2016, 101, 321-340.	5.7	492
67	Glial cell line-derived neurotrophic factor protects against high-fat diet-induced hepatic steatosis by suppressing hepatic PPAR-Î³ expression. American Journal of Physiology - Renal Physiology, 2016, 310, G103-G116.	1.6	11
68	Plant derived edible nanoparticles as a new therapeutic approach against diseases. Tissue Barriers, 2016, 4, e1134415.	1.6	206
69	Recent advances in orally administered cell-specific nanotherapeutics for inflammatory bowel disease. World Journal of Gastroenterology, 2016, 22, 7718.	1.4	37
70	Biomarkers of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	25
71	Inhibition of MDR1 gene expression and enhancing cellular uptake forÂeffective colon cancer treatment using dual-surface-functionalized nanoparticles. Biomaterials, 2015, 48, 147-160.	5.7	87
72	Oral administration of pH-sensitive curcumin-loaded microparticles for ulcerative colitis therapy. Colloids and Surfaces B: Biointerfaces, 2015, 135, 379-385.	2.5	65

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73	Microelectrode miRNA Sensors Enabled by Enzymeless Electrochemical Signal Amplification. Analytical Chemistry, 2015, 87, 8173-8180.	3.2	69
74	Hyaluronic acid-functionalized polymeric nanoparticles for colon cancer-targeted combination chemotherapy. Nanoscale, 2015, 7, 17745-17755.	2.8	131
75	Co-delivery of camptothecin and curcumin by cationic polymeric nanoparticles for synergistic colon cancer combination chemotherapy. Journal of Materials Chemistry B, 2015, 3, 7724-7733.	2.9	120
76	Longitudinal study of circulating protein biomarkers in inflammatory bowel disease. Journal of Proteomics, 2015, 112, 166-179.	1.2	22
77	Colonic miRNA Expression/Secretion, Regulated by Intestinal Epithelial PepT1, Plays an Important Role in Cell-to-Cell Communication during Colitis. PLoS ONE, 2014, 9, e87614.	1.1	27
78	Genetic Deletion of Klf4 in the Mouse Intestinal Epithelium Ameliorates Dextran Sodium Sulfateâ€“induced Colitis by Modulating the NF-ÎºB Pathway Inflammatory Response. Inflammatory Bowel Diseases, 2014, 20, 811-820.	0.9	52
79	Fab'-bearing siRNA TNFÎ±-loaded nanoparticles targeted to colonic macrophages offer an effective therapy for experimental colitis. Journal of Controlled Release, 2014, 186, 41-53.	4.8	123
80	Targeting Intestinal Inflammation With CD98 siRNA/PEIâ€“loaded Nanoparticles. Molecular Therapy, 2014, 22, 69-80.	3.7	90
81	Micheliolide, a new sesquiterpene lactone that inhibits intestinal inflammation and colitis-associated cancer. Laboratory Investigation, 2014, 94, 950-965.	1.7	75
82	A click-and-release approach to CO prodrugs. Chemical Communications, 2014, 50, 15890-15893.	2.2	95
83	Glycoprotein CD98 as a receptor for colitis-targeted delivery of nanoparticles. Journal of Materials Chemistry B, 2014, 2, 1499.	2.9	37
84	A CRISPR-Cas system enhances envelope integrity mediating antibiotic resistance and inflammasome evasion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11163-11168.	3.3	90
85	Nanoparticles With Surface Antibody Against CD98 and Carrying CD98 Small Interfering RNA Reduce Colitis in Mice. Gastroenterology, 2014, 146, 1289-1300.e19.	0.6	152
86	Mannosylated bioreducible nanoparticle-mediated macrophage-specific TNF-Î± RNA interference for IBD therapy. Biomaterials, 2013, 34, 7471-7482.	5.7	168
87	Dextran sodium sulfate inhibits the activities of both polymerase and reverse transcriptase: lithium chloride purification, a rapid and efficient technique to purify RNA. BMC Research Notes, 2013, 6, 360.	0.6	133
88	PepT1 expressed in immune cells has an important role in promoting the immune response during experimentally induced colitis. Laboratory Investigation, 2013, 93, 888-899.	1.7	28
89	Nanotechnology in diagnostics and therapeutics for gastrointestinal disorders. Digestive and Liver Disease, 2013, 45, 995-1002.	0.4	54
90	Intestinal Epithelial CD98 Directly Modulates the Innate Host Response to Enteric Bacterial Pathogens. Infection and Immunity, 2013, 81, 923-934.	1.0	29

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91	Tumor Necrosis Factorâ€“Neuropeptide Y Cross Talk Regulates Inflammation, Epithelial Barrier Functions, and Colonic Motility. Inflammatory Bowel Diseases, 2013, 19, 2535-2546.	0.9	53
92	NF-Î²B pathway in colitis-associated cancers. Translational Gastrointestinal Cancer, 2013, 2, 21-29.	3.0	46
93	The role and pathophysiological relevance of membrane transporter PepT1 in intestinal inflammation and inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2012, 302, G484-G492.	1.6	105
94	Intestinal epithelial cell-specific CD98 expression regulates tumorigenesis in ApcMin/+ mice. Laboratory Investigation, 2012, 92, 1203-1212.	1.7	9
95	Intestinal epithelial CD98 synthesis specifically modulates expression of colonic microRNAs during colitis. American Journal of Physiology - Renal Physiology, 2012, 302, G1282-G1291.	1.6	11
96	Gastrointestinal Delivery of Anti-inflammatory Nanoparticles. Methods in Enzymology, 2012, 509, 101-125.	0.4	29
97	Oral colon-specific therapeutic approaches toward treatment of inflammatory bowel disease. Expert Opinion on Drug Delivery, 2012, 9, 1393-1407.	2.4	122
98	A2BAR expression in non-immune cells plays an important role in the development of murine colitis. Digestive and Liver Disease, 2012, 44, 819-826.	0.4	10
99	Homeostatic and innate immune responses: role of the transmembrane glycoprotein CD98. Cellular and Molecular Life Sciences, 2012, 69, 3015-3026.	2.4	35
100	Dextran Sodium Sulfate (DSS) Induces Colitis in Mice by Forming Nano-Lipocomplexes with Medium-Chain-Length Fatty Acids in the Colon. PLoS ONE, 2012, 7, e32084.	1.1	252
101	ADAM15 to Î±5Î²1 integrin switch in colon carcinoma cells: A late event in cancer progression associated with tumor dedifferentiation and poor prognosis. International Journal of Cancer, 2012, 130, 278-287.	2.3	35
102	Notch1 Regulates the Effects of Matrix Metalloproteinase-9 on Colitis-Associated Cancer in Mice. Gastroenterology, 2011, 141, 1381-1392.	0.6	35
103	Shanthi V. Sitaraman, MD, PhD. Gastroenterology, 2011, 141, 1-3.	0.6	357
104	The PepT1â€“NOD2 Signaling Pathway Aggravates Induced Colitis in Mice. Gastroenterology, 2011, 141, 1334-1345.	0.6	50
105	CD98 expression modulates intestinal homeostasis, inflammation, and colitis-associated cancer in mice. Journal of Clinical Investigation, 2011, 121, 1733-1747.	3.9	102
106	MicroRNA-92b regulates expression of the oligopeptide transporter PepT1 in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2011, 300, G52-G59.	1.6	53
107	Functional TNFÎ± gene silencing mediated by polyethyleneimine/TNFÎ± siRNA nanocomplexes in inflamed colon. Biomaterials, 2011, 32, 1218-1228.	5.7	136
108	Nanoparticle-based therapeutic delivery of prohibitin to the colonic epithelial cells ameliorates acute murine colitis. Inflammatory Bowel Diseases, 2011, 17, 1163-1176.	0.9	54

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109	l-Ala-Î³-d-Glu-meso-diaminopimelic Acid (DAP) Interacts Directly with Leucine-rich Region Domain of Nucleotide-binding Oligomerization Domain 1, Increasing Phosphorylation Activity of Receptor-interacting Serine/Threonine-protein Kinase 2 and Its Interaction with Nucleotide-binding Oligomerization Domain 1. Journal of Biological Chemistry, 2011, 286, 31003-31013.	1.6	77
110	Overexpression of Ste20-Related Proline/Alanine-Rich Kinase Exacerbates Experimental Colitis in Mice. Journal of Immunology, 2011, 187, 1496-1505.	0.4	39
111	Nanomedicine in GI. American Journal of Physiology - Renal Physiology, 2011, 300, G371-G383.	1.6	78
112	Microbiota Modulate Host Gene Expression via MicroRNAs. PLoS ONE, 2011, 6, e19293.	1.1	144
113	Orally delivered thioketal nanoparticles loaded with TNF-Î±â€“siRNA target inflammation and inhibit gene expression in the intestines. Nature Materials, 2010, 9, 923-928.	13.3	595
114	Matrix Metalloproteinase-9 Functions as a Tumor Suppressor in Colitis-Associated Cancer. Cancer Research, 2010, 70, 792-801.	0.4	85
115	Adenosine 2B Receptor Expression Is Post-transcriptionally Regulated by MicroRNA. Journal of Biological Chemistry, 2010, 285, 18184-18190.	1.6	30
116	PepT1 mediates transport of the proinflammatory bacterial tripeptide<scp>l</scp>-Ala-Î³-<scp>d</scp>-Glu-meso-DAP in intestinal epithelial cells. American Journal of Physiology - Renal Physiology, 2010, 299, G687-G696.	1.6	59
117	MicroRNA-7 Modulates CD98 Expression during Intestinal Epithelial Cell Differentiation. Journal of Biological Chemistry, 2010, 285, 1479-1489.	1.6	95
118	MicroRNAs determine human intestinal epithelial cell fate. Differentiation, 2010, 80, 147-154.	1.0	53
119	Drug-Loaded Nanoparticles Targeted to the Colon With Polysaccharide Hydrogel Reduce Colitis in a Mouse Model. Gastroenterology, 2010, 138, 843-853.e2.	0.6	200
120	Temporal and Spatial Analysis of Clinical and Molecular Parameters in Dextran Sodium Sulfate Induced Colitis. PLoS ONE, 2009, 4, e6073.	1.1	318
121	Adenosine 2B receptors (A_{2B}AR) on enteric neurons regulate murine distal colonic motility. FASEB Journal, 2009, 23, 2727-2734.	0.2	38
122	Matrix metalloproteinase-9-mediated tissue injury overrides the protective effect of matrix metalloproteinase-2 during colitis. American Journal of Physiology - Renal Physiology, 2009, 296, G175-G184.	1.6	128
123	Prohibitin Inhibits Tumor Necrosis Factor alphaâ€“induced Nuclear Factor-kappa B Nuclear Translocation via the Novel Mechanism of Decreasing Importin Î±3 Expression. Molecular Biology of the Cell, 2009, 20, 4412-4423.	0.9	63
124	219 Prohibitin (PHB) Is a Novel Antioxidant That Attenuates Colonic Inflammation in Mice. Gastroenterology, 2009, 136, A-41.	0.6	1
125	Pathogenic Bacteria Induce Colonic PepT1 Expression: An Implication in Host Defense Response. Gastroenterology, 2009, 137, 1435-1447.e2.	0.6	30
126	Prohibitin Is a Novel Regulator of Antioxidant Response That Attenuates Colonic Inflammation in Mice. Gastroenterology, 2009, 137, 199-208.e6.	0.6	95

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127	Ste20-Related Proline/Alanine-Rich Kinase (SPAK) Regulated Transcriptionally by Hyperosmolarity Is Involved in Intestinal Barrier Function. PLoS ONE, 2009, 4, e5049.	1.1	24
128	A2B Adenosine Receptor Gene Deletion Attenuates Murine Colitis. Gastroenterology, 2008, 135, 861-870.	0.6	103
129	PepT1-Mediated Tripeptide KPV Uptake Reduces Intestinal Inflammation. Gastroenterology, 2008, 134, 166-178.	0.6	101
130	Intestinal epithelial CD98: An oligomeric and multifunctional protein. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 1087-1092.	1.1	42
131	Nuclear Factor-ÎºB Is a Critical Mediator of Ste20-Like Proline-/Alanine-Rich Kinase Regulation in Intestinal Inflammation. American Journal of Pathology, 2008, 173, 1013-1028.	1.9	37
132	ADAMâ€•15: a metalloprotease that mediates inflammation. FASEB Journal, 2008, 22, 641-653.	0.2	64
133	Bidirectional Crosstalk between Leptin and Insulin-like Growth Factor-I Signaling Promotes Invasion and Migration of Breast Cancer Cells via Transactivation of Epidermal Growth Factor Receptor. Cancer Research, 2008, 68, 9712-9722.	0.4	185
134	Butyrate Transcriptionally Enhances Peptide Transporter PepT1 Expression and Activity. PLoS ONE, 2008, 3, e2476.	1.1	79
135	Ecto-Phosphorylation of CD98 Regulates Cell-Cell Interactions. PLoS ONE, 2008, 3, e3895.	1.1	16
136	Generation and characterization of hPepT1 transgenic mice. FASEB Journal, 2008, 22, 1183.6.	0.2	1
137	Epithelial-derived Fibronectin Expression, Signaling, and Function in Intestinal Inflammation. Journal of Biological Chemistry, 2007, 282, 32965-32973.	1.6	66
138	ADAM-15/Metargidin Mediates Homotypic Aggregation of Human T Lymphocytes and Heterotypic Interactions of T Lymphocytes with Intestinal Epithelial Cells. Journal of Biological Chemistry, 2007, 282, 16948-16958.	1.6	27
139	Prohibitin protects against oxidative stress in intestinal epithelial cells. FASEB Journal, 2007, 21, 197-206.	0.2	140
140	Association of PepT1 with lipid rafts differently modulates its transport activity in polarized and nonpolarized cells. American Journal of Physiology - Renal Physiology, 2007, 293, G1155-G1165.	1.6	17
141	Characterization of the human intestinal CD98 promoter and its regulation by interferon-Î³. American Journal of Physiology - Renal Physiology, 2007, 292, G535-G545.	1.6	28
142	Leptin Transcriptionally Enhances Peptide Transporter (hPepT1) Expression and Activity via the cAMP-response Element-binding Protein and Cdx2 Transcription Factors. Journal of Biological Chemistry, 2007, 282, 1359-1373.	1.6	38
143	Interleukin-6 Induces Keratin Expression in Intestinal Epithelial Cells. Journal of Biological Chemistry, 2007, 282, 8219-8227.	1.6	78
144	Interleukin-6 Transcriptionally Regulates Prohibitin Expression in Intestinal Epithelial Cells. Journal of Biological Chemistry, 2007, 282, 12804-12812.	1.6	31

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145	Concomitant Activation of the JAK/STAT, PI3K/AKT, and ERK Signaling Is Involved in Leptin-Mediated Promotion of Invasion and Migration of Hepatocellular Carcinoma Cells. Cancer Research, 2007, 67, 2497-2507.	0.4	430
146	Matrix Metalloproteinase-9 Regulates MUC-2 Expression Through Its Effect on Goblet Cell Differentiation. Gastroenterology, 2007, 132, 1877-1889.	0.6	65
147	Extracellular Interaction between hCD98 and the PDZ Class II Domain of hCASK in Intestinal Epithelia. Journal of Membrane Biology, 2007, 215, 15-26.	1.0	13
148	Cloning and Characterization of a New Intestinal Inflammationâ€associated Colonic Epithelia. FASEB Journal, 2007, 21, .	0.2	0
149	Fibronectin is transcriptionally upregulated during murine colitis: Potential role of fibronectin in epithelial cell attachment. FASEB Journal, 2007, 21, A588.	0.2	0
150	PepT1â€mediated antiâ€inflammatory triâ€peptide (KPV) transport reduces intestinal inflammation. FASEB Journal, 2007, 21, A586.	0.2	0
151	Interleukinâ€6 transcriptionally regulates prohibitin expression in intestinal epithelial cells. FASEB Journal, 2007, 21, A588.	0.2	0
152	Adenosine 2b receptor (A2bR) signals through adenylate cyclase (AC) 6 isoform in the intestinal epithelial cells. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1102-1108.	1.1	16
153	hPepT1 mediates bacterial tripeptide fMLP uptake in human monocytes. Laboratory Investigation, 2006, 86, 490-503.	1.7	40
154	The oligopeptide transporter hPepT1: gateway to the innate immune response. Laboratory Investigation, 2006, 86, 538-546.	1.7	64
155	ADAM15 upregulation and interaction with multiple binding partners in inflammatory bowel disease. Laboratory Investigation, 2006, 86, 1064-1073.	1.7	29
156	Tumor necrosis factor-Î± and interferon-Î³ increase PepT1 expression and activity in the human colon carcinoma cell line Caco-2/bbe and in mouse intestine. Pflugers Archiv European Journal of Physiology, 2006, 452, 71-80.	1.3	41
157	Kruppel-like factor 5 is an important mediator for lipopolysaccharide-induced proinflammatory response in intestinal epithelial cells. Nucleic Acids Research, 2006, 34, 1216-1223.	6.5	88
158	Dystroglycan receptor is involved in integrin activation in intestinal epithelia. American Journal of Physiology - Renal Physiology, 2006, 290, G1228-G1242.	1.6	23
159	Selective Ablation of Matrix Metalloproteinase-2 Exacerbates Experimental Colitis: Contrasting Role of Gelatinases in the Pathogenesis of Colitis. Journal of Immunology, 2006, 177, 4103-4112.	0.4	87
160	Activation of epithelial CD98 glycoprotein perpetuates colonic inflammation. Laboratory Investigation, 2005, 85, 932-941.	1.7	43
161	ADAM-15 inhibits wound healing in human intestinal epithelial cell monolayers. American Journal of Physiology - Renal Physiology, 2005, 288, G346-G353.	1.6	48
162	Interferon-Î³ Down-regulates Adenosine 2b Receptor-mediated Signaling and Short Circuit Current in the Intestinal Epithelia by Inhibiting the Expression of Adenylate Cyclase. Journal of Biological Chemistry, 2005, 280, 4048-4057.	1.6	31

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163	Targeted Deletion of Metalloproteinase 9 Attenuates Experimental Colitis in Mice: Central Role of Epithelial-Derived MMP. Gastroenterology, 2005, 129, 1991-2008.	0.6	237
164	Salmonella typhimurium transcytoses flagellin via an SPI2-mediated vesicular transport pathway. Journal of Cell Science, 2004, 117, 5771-5780.	1.2	57
165	STAT Signaling Underlies Difference between Flagellin-induced and Tumor Necrosis Factor-Î±-induced Epithelial Gene Expression. Journal of Biological Chemistry, 2004, 279, 35210-35218.	1.6	15
166	Colonic leptin: source of a novel proâ€inflammatory cytokine involved in inflammatory bowel disease. FASEB Journal, 2004, 18, 696-698.	0.2	148
167	Agonist-induced polarized trafficking and surface expression of the adenosine 2b receptor in intestinal epithelial cells: role of SNARE proteins. American Journal of Physiology - Renal Physiology, 2004, 287, G1100-G1107.	1.6	40
168	hPepT1 transports muramyl dipeptide, activating NF-ÎºB and stimulating IL-8 secretion in human colonic Caco2/bbe cells. Gastroenterology, 2004, 127, 1401-1409.	0.6	223
169	All-transretinoic acid inhibits proliferation of intestinal epithelial cells by inhibiting expression of the gene encoding KrÃ¼ppel-like factor 5. FEBS Letters, 2004, 578, 99-105.	1.3	76
170	Polarized fibronectin secretion induced by adenosine regulates bacterialâ€“epithelial interaction in human intestinal epithelial cells. Biochemical Journal, 2004, 382, 589-596.	1.7	40
171	TGFâ€Î²2 downâ€regulates ILâ€6 signaling in intestinal epithelial cells: Critical role of SMADâ€2. FASEB Journal, 2003, 17, 1-20.	0.2	70
172	Interferon-Î³ Increases hPepT1-Mediated Uptake of Di-Tripeptides Including the Bacterial Tripeptide fMLP in Polarized Intestinal Epithelia. American Journal of Pathology, 2003, 163, 1969-1977.	1.9	39
173	IL-6 Induces NF-ÎºB Activation in the Intestinal Epithelia. Journal of Immunology, 2003, 171, 3194-3201.	0.4	197
174	CD98 and Intracellular Adhesion Molecule I Regulate the Activity of Amino Acid Transporter LAT-2 in Polarized Intestinal Epithelia. Journal of Biological Chemistry, 2003, 278, 23672-23677.	1.6	32
175	TLR5-mediated activation of p38 MAPK regulates epithelial IL-8 expression via posttranscriptional mechanism. American Journal of Physiology - Renal Physiology, 2003, 285, G282-G290.	1.6	126
176	Lateral membrane LXA₄receptors mediate LXA₄'s anti-inflammatory actions on intestinal epithelium. American Journal of Physiology - Cell Physiology, 2003, 284, C888-C896.	2.1	42
177	Luminal Leptin Enhances CD147/MCT-1-mediated Uptake of Butyrate in the Human Intestinal Cell Line Caco2-BBE. Journal of Biological Chemistry, 2002, 277, 28182-28190.	1.6	106
178	21 Modeling microbial-epithelial interactions in the intestine. Methods in Microbiology, 2002, 31, 377-396.	0.4	8
179	The Adenosine 2b Receptor Is Recruited to the Plasma Membrane and Associates with E3KARP and Ezrin upon Agonist Stimulation. Journal of Biological Chemistry, 2002, 277, 33188-33195.	1.6	86
180	PepT1-mediated fMLP transport induces intestinal inflammation in vivo. American Journal of Physiology - Cell Physiology, 2002, 283, C1795-C1800.	2.1	67

#	Article	IF	Citations
181	Colonic epithelial hPepT1 expression occurs in inflammatory bowel disease: Transport of bacterial peptides influences expression of MHC class 1 molecules. Gastroenterology, 2001, 120, 1666-1679.	0.6	176
182	CD98-mediated Links between Amino Acid Transport and Î²1 Integrin Distribution in Polarized Columnar Epithelia. Journal of Biological Chemistry, 2001, 276, 39282-39289.	1.6	53
183	Neutrophil-epithelial crosstalk at the intestinal lumenal surface mediated by reciprocal secretion of adenosine and IL-6. Journal of Clinical Investigation, 2001, 107, 861-869.	3.9	164
184	PepT1-mediated epithelial transport of dipeptides and cephalexin is enhanced by luminal leptin in the small intestine. Journal of Clinical Investigation, 2001, 108, 1483-1494.	3.9	181
185	Polarity of A2b adenosine receptor expression determines characteristics of receptor desensitization. American Journal of Physiology - Cell Physiology, 2000, 278, C1230-C1236.	2.1	20
186	Constitutive and regulated secretion of secretory leukocyte proteinase inhibitor by human intestinal epithelial cells. Gastroenterology, 2000, 118, 1061-1071.	0.6	70
187	Salmonella typhimurium induces epithelial IL-8 expression via Ca2+-mediated activation of the NF-ÎºB pathway. Journal of Clinical Investigation, 2000, 105, 79-92.	3.9	203
188	Distinct Ca2+- and cAMP-dependent anion conductances in the apical membrane of polarized T84 cells. American Journal of Physiology - Cell Physiology, 1998, 275, C484-C495.	2.1	64
189	Interferon-Î³ modulates cAMP-induced mucin exocytosis without affecting mucin gene expression in a human colonic goblet cell line. European Journal of Pharmacology, 1994, 267, 95-103.	2.7	29
190	Pathogen-Initiated Inflammatory Response in Intestinal Epithelial Cells: Cross Talk with Neutrophils. , 0, , 141-154.		1