Daniel Laubitz

List of Publications by Year
in descending order

46 papers	1,035 citations	516710 16 h-index	454955 30 g-index
47 all docs	47 docs citations	47 times ranked	1704 citing authors

#	Article	IF	Citations
1	Tumor Necrosis Factor and Interferon-Î³ Down-regulate Klotho in Mice With Colitis. Gastroenterology, 2010, 138, 1384-1394.e2.	1.3	115
2	Paneth Cell-Derived Lysozyme Defines the Composition of Mucolytic Microbiota and the Inflammatory Tone of the Intestine. Immunity, 2020, 53, 398-416.e8.	14.3	97
3	Colonic gene expression profile in NHE3-deficient mice: evidence for spontaneous distal colitis. American Journal of Physiology - Renal Physiology, 2008, 295, G63-G77.	3.4	78
4	Competition of Lactobacillus paracasei with Salmonella enterica for Adhesion to Caco-2 Cells. Journal of Biomedicine and Biotechnology, 2008, 2008, 1-6.	3.0	74
5	Reduced colonic microbial diversity is associated with colitis in NHE3-deficient mice. American Journal of Physiology - Renal Physiology, 2013, 305, G667-G677.	3.4	71
6	Pathophysiology of Intestinal Na+/H+ Exchange. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 27-40.	4.5	65
7	Changes in Mucosal Homeostasis Predispose NHE3 Knockout Mice to Increased Susceptibility to DSS-Induced Epithelial Injury. Gastroenterology, 2009, 137, 965-975.e10.	1.3	59
8	Curcumin inhibits interferon-Î³ signaling in colonic epithelial cells. American Journal of Physiology - Renal Physiology, 2012, 302, G85-G96.	3.4	59
9	Microbial dysbiosis associated with impaired intestinal Na+/H+ exchange accelerates and exacerbates colitis in ex-germ free mice. Mucosal Immunology, 2018, 11, 1329-1341.	6.0	53
10	Dynamics of dark fermentation microbial communities in the light of lactate and butyrate production. Microbiome, 2021, 9, 158.	11.1	47
11	Reduced Epithelial Na+/H+ Exchange Drives Gut Microbial Dysbiosis and Promotes Inflammatory Response in T Cell-Mediated Murine Colitis. PLoS ONE, 2016, 11, e0152044.	2.5	35
12	Transcriptional Reprogramming and Resistance to Colonic Mucosal Injury in Poly(ADP-ribose) Polymerase 1 (PARP1)-deficient Mice. Journal of Biological Chemistry, 2016, 291, 8918-8930.	3.4	35
13	Post-Translational Loss of Renal TRPV5 Calcium Channel Expression, Ca2+ Wasting, and Bone Loss in Experimental Colitis. Gastroenterology, 2013, 145, 613-624.	1.3	33
14	Mycobacterium tuberculosis Phosphoenolpyruvate Carboxykinase Is Regulated by Redox Mechanisms and Interaction with Thioredoxin. Journal of Biological Chemistry, 2014, 289, 13066-13078.	3.4	26
15	Intestinal Epithelial Expression of MHCII Determines Severity of Chemical, T-Cellâ€“Induced, and Infectious Colitis in Mice. Gastroenterology, 2020, 159, 1342-1356.e6.	1.3	26
16	Identification of Protein Partners in Mycobacteria Using a Single-Step Affinity Purification Method. PLoS ONE, 2014, 9, e91380.	2.5	20
17	Characterization of the Mycobacterial Acyl-CoA Carboxylase Holo Complexes Reveals Their Functional Expansion into Amino Acid Catabolism. PLoS Pathogens, 2015, 11, e1004623.	4.7	19
18	Dynamics and Complexity of Dark Fermentation Microbial Communities Producing Hydrogen From Sugar Beet Molasses in Continuously Operating Packed Bed Reactors. Frontiers in Microbiology, 2020, 11, 612344.	3.5	19

#	Article	IF	Citations
19	Elevating EGFR-MAPK program by a nonconventional Cdc42 enhances intestinal epithelial survival and regeneration. JCI Insight, 2020, 5, .	5.0	18
20	Dynamics of Gut Microbiota Recovery after Antibiotic Exposure in Young and Old Mice (A Pilot Study). Microorganisms, 2021, 9, 647.	3.6	15
21	Influence of intestinal myoelectrical activity on the growth ofEscherichia coli. Bioelectromagnetics, 2001, 22, 449-455.	1.6	14
22	The effect of maxillary sinus antrostomy size on the sinus microbiome. International Forum of Allergy and Rhinology, 2019, 9, 30-38.	2.8	10
23	Sexual Dimorphism in the Response to Broad-spectrum Antibiotics During T Cell-mediated Colitis. Journal of Crohn's and Colitis, 2019, 13, 115-126.	1.3	10
24	Gut myoelectrical activity induces heat shock response inEscherichia coliand Caco-2 cells. Experimental Physiology, 2006, 91, 867-875.	2.0	9
25	Exposure of Escherichia coli to intestinal myoelectrical activity-related electric field induces resistance against subsequent UV254nm (UVC) irradiation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 496, 97-104.	1.7	8
26	An indisputable role of NHE8 in mucosal protection. American Journal of Physiology - Renal Physiology, 2020, 319, G421-G431.	3.4	8
27	Oligofructose restores postprandial shortâ€chain fatty acid levels during highâ€fat feeding. Obesity, 2022, 30, 1442-1452.	3.0	7
28	Mucosal Inflammation, not Microbiome, Drives the Development Colorectal Cancer During Colitis-Associated Microbial Dysbiosis. Gastroenterology, 2017, 152, S357.	1.3	1
29	Su1948 - Dynamics of Gut Microbiome Recovery after Broad-Spectrum Antibiotic Treatment in Young and Old Mice. Gastroenterology, 2018, 154, S-643.	1.3	1
30	Sodium. , 2017, , 489-501.		1
31	S1724 Spontaneous Distal Colitis in NHE3-Deficient Mice. Gastroenterology, 2008, 134, A-257.	1.3	0
32	M1685 Curcumin Inhibits IFN-Î³ Signaling in Colonic Epithelial Cells. Gastroenterology, 2008, 134, A-397.	1.3	0
33	279 Changes in Mucosal Homeostasis Leading to Hypersensitivity to Mucosal Injury in NHE3 Knockout Mice. Gastroenterology, 2009, 136, A-54.	1.3	0
34	Renal CA 2+ Wasting in Murine Models of Crohn's Disease is Mediated by Concerted Downregulation of Klotho and TRPV5 in Distal Convoluted Tubules. Gastroenterology, 2011, 140, S-638.	1.3	0
35	Role of NHE3 in the Maintenance of Intestinal Barrier Integrity in IL-10-Deficient Mice. Gastroenterology, 2011, 140, S-634-S-635.	1.3	0
36	739 Alteration of the Gut Microbiome in NHE3-Deficient Mice. Gastroenterology, 2013, 144, S-133.	1.3	0

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37	Tu1761 Dramatic Susceptibility to T-Cell Mediated Colitis in RAG2/NHE3 Double Knockout Mice. Gastroenterology, 2014, 146, S-836.	1.3	0
38	Mo1775 Colonic Microbiome and Barrier Dysfunction Contribute to Susceptibility to Colitis in NHE3XRag2 Double Knockout Mice. Gastroenterology, 2015, 148, S-708.	1.3	0
39	542 Intrinsic Effects of Reduced NHE3 Activity in Intestinal Epithelial Cells. Gastroenterology, 2016, 150, S114.	1.3	0
40	Epithelial NA + /H + Exchange Promotes Homeostasis in the GUT Microbiome and Protects Against the Development of Colitis. Gastroenterology, 2017, 152, S184.	1.3	0
41	Tu1853 - Downregulation of Disabled Homolog 2 (DAB2) Expression by Microbial Components in Dendritic Cells in Inflammatory Bowel Disease Contributes to Dendritic Cells Function and Intestinal Inflammation. Gastroenterology, 2018, 154, S-1038.	1.3	0
42	61 - Decreased Expression of NHE3 in Colon Cancer Epithelium is Associated with DNA Damage, Increased Local Inflammation and Tumor Growth. Gastroenterology, 2018, 154, S-21.	1.3	0
43	820 - Intestinal Epithelial Mhcii Expression Modulates the Course of Autoimmune and Infectious Colitis in a Mouse Model of Conditional I-A B Knockout. Gastroenterology, 2018, 154, S-169-S-170.	1.3	0
44	Sa1671 - Long-Term Reduction of Nhe3 Expression in Colon Cancer Cells Activates Ampk, and Leads to Energy Crisis While Promoting Cell Survival and Proliferation. Gastroenterology, 2018, 154, S-349.	1.3	0
45	Tu1823 - Differential Response to Broad-Spectrum Antibiotics by the Gut Microbiota in Male and Female Mice During Colitis. Gastroenterology, 2018, 154, S-1029-S-1030.	1.3	0
46	Bone loss and renal Ca 2+ wasting in experimental colitis is accompanied by downregulation of TRPV5 in renal distal convoluted tubules. FASEB Journal, 2012, 26, 867.28.	0.5	0