

Sunil Yeruva

List of Publications by Year in descending order

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44
papers

1,148
citations

516710

16
h-index

454955

30
g-index

45
all docs

45
docs citations

45
times ranked

1685
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-22 ⁺ upregulates Epithelial Claudin-2 to Drive Diarrhea and Enteric Pathogen Clearance. <i>Cell Host and Microbe</i> , 2017, 21, 671-681.e4.	11.0	178
2	Lysophosphatidic Acid Stimulates the Intestinal Brush Border Na ⁺ /H ⁺ Exchanger 3 and Fluid Absorption via LPA5 and NHERF2. <i>Gastroenterology</i> , 2010, 138, 649-658.	1.3	105
3	NF- κ B-dependent synergistic regulation of CXCL10 gene expression by IL-1 β and IFN- γ in human intestinal epithelial cell lines. <i>International Journal of Colorectal Disease</i> , 2008, 23, 305-317.	2.2	81
4	Loss of downregulated in adenoma (DRA) impairs mucosal HCO ₃ ⁻ secretion in murine ileocolonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 101-111.	1.9	78
5	New therapeutic targets in ulcerative colitis: The importance of ion transporters in the human colon. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 884-898.	1.9	66
6	Impaired Barrier Function and Autoantibody Generation in Malnutrition Enteropathy in Zambia. <i>EBioMedicine</i> , 2017, 22, 191-199.	6.1	66
7	The distinct roles of anion transporters Slc26a3 (DRA) and Slc26a6 (PAT-1) in fluid and electrolyte absorption in the murine small intestine. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 1541-1556.	2.8	59
8	Contributions of intestinal epithelial barriers to health and disease. <i>Experimental Cell Research</i> , 2017, 358, 71-77.	2.6	57
9	Preserved Na ⁺ /H ⁺ exchanger isoform 3 expression and localization, but decreased NHE3 function indicate regulatory sodium transport defect in ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1149-1161.	1.9	54
10	Loss of Slc26a9 anion transporter alters intestinal electrolyte and HCO ₃ ⁻ transport and reduces survival in CFTR-deficient mice. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 1261-1275.	2.8	54
11	Gene ablation for PEPT1 in mice abolishes the effects of dipeptides on small intestinal fluid absorption, short-circuit current, and intracellular pH. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G265-G274.	3.4	42
12	Loss of PDZ-adaptor protein NHERF2 affects membrane localization and cGMP- and [Ca ²⁺] _i - but not cAMP-dependent regulation of Na ⁺ /H ⁺ exchanger 3 in murine intestine. <i>Journal of Physiology</i> , 2010, 588, 5049-5063.	2.9	33
13	Knockout mouse models for intestinal electrolyte transporters and regulatory PDZ adaptors: new insights into cystic fibrosis, secretory diarrhoea and fructose-induced hypertension. <i>Experimental Physiology</i> , 2009, 94, 175-179.	2.0	31
14	Evidence for a causal link between adaptor protein PDZK1 downregulation and Na ⁺ /H ⁺ exchanger NHE3 dysfunction in human and murine colitis. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 1795-1807.	2.8	29
15	Quantitative gene expression of cytokines in peripheral blood leukocytes stimulated in vitro: modulation by the anti-tumor necrosis factor-alpha antibody infliximab and comparison with the mucosal cytokine expression in patients with ulcerative colitis. <i>Translational Research</i> , 2007, 150, 223-232.	5.0	21
16	Environmental Enteropathy in Undernourished Pakistani Children: Clinical and Histomorphometric Analyses. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1577-1584.	1.4	20
17	Differential regulation of claudin-2 and claudin-15 expression in children and adults with malabsorptive disease. <i>Laboratory Investigation</i> , 2020, 100, 483-490.	3.7	17
18	The inotropic agent digitoxin strengthens desmosomal adhesion in cardiac myocytes in an ERK1/2-dependent manner. <i>Basic Research in Cardiology</i> , 2020, 115, 46.	5.9	17

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19	Cardiomyocyte adhesion and hyperadhesion differentially require ERK1/2 and plakoglobin. JCI Insight, 2020, 5, .	5.0	17
20	Na ⁺ /H ⁺ exchanger NHE1 and NHE2 have opposite effects on migration velocity in rat gastric surface cells. Journal of Cellular Physiology, 2017, 232, 1669-1680.	4.1	16
21	Epithelial Organization: The Gut and Beyond. , 2017, 7, 1497-1518.		16
22	Stabilization of desmoglein-2 binding rescues arrhythmia in arrhythmogenic cardiomyopathy. JCI Insight, 2020, 5, .	5.0	16
23	Regulation of cardiac myocyte cohesion and gap junctions via desmosomal adhesion. Acta Physiologica, 2019, 226, e13242.	3.8	15
24	Adrenergic Signaling-Induced Ultrastructural Strengthening of Intercalated Discs via Plakoglobin Is Crucial for Positive Adhesiotropy in Murine Cardiomyocytes. Frontiers in Physiology, 2020, 11, 430.	2.8	14
25	IL-1 β -Induced Downregulation of the Multifunctional PDZ Adaptor PDZK1 Is Attenuated by ERK Inhibition, RXR α , or PPAR α Stimulation in Enterocytes. Frontiers in Physiology, 2017, 8, 61.	2.8	13
26	Structure and regulation of desmosomes in intercalated discs: Lessons from epithelia. Journal of Anatomy, 2023, 242, 81-90.	1.5	13
27	Expression, Localization and Functional Activity of the Major Na ⁺ /H ⁺ Exchange Isoforms Expressed in the Intestinal Cell Line Caco-2BBE. Cellular Physiology and Biochemistry, 2019, 52, 1017-1038.	1.6	9
28	Calcium-sensing receptor regulates intestinal dipeptide absorption via Ca ²⁺ signaling and IK _{Ca} activation. Physiological Reports, 2020, 8, e14337.	1.7	8
29	Environmental Enteropathy in Pakistani Children: Clinical Profile and Histomorphometric Analysis. Gastroenterology, 2017, 152, S437-S438.	1.3	1
30	Silencing of NHE2 Enhances Migratory Speed in Colonic Epithelial Cells. FASEB Journal, 2018, 32, 747.20.	0.5	1
31	EGFR Inhibition in Cardiomyocytes Stabilizes Cardiomyocyte Cohesion in a Murine Model for Arrhythmogenic Cardiomyopathy. FASEB Journal, 2022, 36, .	0.5	1
32	885 Preserved Abundance But Functional Dysregulation of Na ⁺ /H ⁺ Exchanger Isoform NHE3 in the Small and Large Intestine in CD45RB ^{high} Transfer Colitis Mice with Diarrhea. Gastroenterology, 2009, 136, A-136-A-137.	1.3	0
33	T1728 Downregulation of Na ⁺ /H ⁺ Exchanger Isoform 3 (NHE3) Function, But Not Expression, in Colonic Mucosa of Patients with Moderately Active Ulcerative Colitis May Be Related to Loss of PDZK1 Adaptor Protein Expression. Gastroenterology, 2009, 136, A-567.	1.3	0
34	T1841 Differential Effect of NHE3 Kinase a Regulatory Protein (E3karp/NHERF2) Knockout on cAMP-, cGMP-, or [Ca ²⁺]-Induced Inhibition of Na ⁺ /H ⁺ Exchanger 3 (NHE3) Activity Along the Murine Intestinal Tract. Gastroenterology, 2010, 138, S-590.	1.3	0
35	Glucocorticoid-Mediated Increase in NHE3 Synthesis, Membrane Trafficking and Function is Differentially Impaired in NHERF2 Ko and NHERF3 (PDZK1) Ko Ileum. Gastroenterology, 2011, 140, S-658.	1.3	0
36	Tu1854 The Alarmin High Mobility Group Box 1 (HMGB1) Is Released From Enterocytes During Intestinal Inflammation and Causes Increased Interferon- β and Decreased Na ⁺ /H ⁺ Exchanger Isoform 3 Expression. Gastroenterology, 2015, 148, S-920.	1.3	0

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37	Su1846 IL-1 β Induced PDZK1 Downregulation Reduces NHE3 Activity in Intestinal Epithelial Cells. <i>Gastroenterology</i> , 2015, 148, S-532.	1.3	0
38	Tu1394 PDZK1 Expression Is Critical for the Brush Border Membrane Localisation, Membrane Half Life and cAMP-Mediated Regulation of Enterocyte Na ⁺ /H ⁺ Exchanger Isoform 3. <i>Gastroenterology</i> , 2015, 148, S-878.	1.3	0
39	Dual role of the Na ⁺ /H ⁺ exchanger isoform 3 for PEPT1-mediated H ⁺ /dipeptide cotransport in native murine intestine. <i>FASEB Journal</i> , 2009, 23, 796.42.	0.5	0
40	Intestinal inflammation induces functional Na ⁺ /H ⁺ exchanger 3 defect via downregulation of PDZ domain adaptor protein PDZK1 (NHERF3). <i>FASEB Journal</i> , 2013, 27, 949.4.	0.5	0
41	The Sodium/Hydrogen Exchanger 2 (Slc9a2/NHE2) is Involved in the Differentiation of Colonic Intestinal Epithelial Cells. <i>FASEB Journal</i> , 2018, 32, 747.15.	0.5	0
42	Inotropic Agent Digitoxin Strengthens Desmosomal Adhesion in Cardiac Myocytes in an ERK1/2-dependent Manner. <i>FASEB Journal</i> , 2019, 33, 374.7.	0.5	0
43	Adrenergic signaling-induced ultrastructural strengthening of intercalated discs via PG is crucial for positive adhesiotropy in murine cardiomyocytes. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
44	Differential regulation of cardiomyocyte cohesion by signaling pathways involve ERK1/2 or Plakoglobin. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0