

Peijian He

List of Publications by Year in descending order

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papers

802
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567281

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992
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mechanisms of the Regulation of the Intestinal Na ⁺ /H ⁺ Exchanger NHE3. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-10.	1.3	76
3	Activation of Na ⁺ /H ⁺ Exchanger NHE3 by Angiotensin II Is Mediated by Inositol 1,4,5-Triphosphate (IP3) Receptor-binding Protein Released with IP3 (IRBIT) and Ca ²⁺ /Calmodulin-dependent Protein Kinase II. <i>Journal of Biological Chemistry</i> , 2010, 285, 27869-27878.	3.4	69
4	IRBIT, Inositol 1,4,5-Triphosphate (IP3) Receptor-binding Protein Released with IP3, Binds Na ⁺ /H ⁺ Exchanger NHE3 and Activates NHE3 Activity in Response to Calcium. <i>Journal of Biological Chemistry</i> , 2008, 283, 33544-33553.	3.4	58
5	Serum- and glucocorticoid-induced kinase 3 in recycling endosomes mediates acute activation of Na ⁺ /H ⁺ exchanger NHE3 by glucocorticoids. <i>Molecular Biology of the Cell</i> , 2011, 22, 3812-3825.	2.1	49
6	Caspase-11-mediated enteric neuronal pyroptosis underlies Western diet-induced colonic dysmotility. <i>Journal of Clinical Investigation</i> , 2020, 130, 3621-3636.	8.2	45
7	Lysophosphatidic acid 5 receptor induces activation of Na ⁺ /H ⁺ exchanger 3 via apical epidermal growth factor receptor in intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1008-C1016.	4.6	38
8	Restoration of Na ⁺ /H ⁺ exchanger NHE3-containing macrocomplexes ameliorates diabetes-associated fluid loss. <i>Journal of Clinical Investigation</i> , 2015, 125, 3519-3531.	8.2	36
9	Hepatic Autonomic Nervous System and Neurotrophic Factors Regulate the Pathogenesis and Progression of Non-alcoholic Fatty Liver Disease. <i>Frontiers in Medicine</i> , 2020, 7, 62.	2.6	31
10	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
11	Regulation of NHE3 by lysophosphatidic acid is mediated by phosphorylation of NHE3 by RSK2. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C14-C21.	4.6	28
12	Lysophosphatidic Acid Receptor 1 Is Important for Intestinal Epithelial Barrier Function and Susceptibility to Colitis. <i>American Journal of Pathology</i> , 2018, 188, 353-366.	3.8	28
13	Autotaxin determines colitis severity in mice and is secreted by B cells in the colon. <i>FASEB Journal</i> , 2019, 33, 3623-3635.	0.5	28
14	KrÄppel-like factor 5 incorporates into the Î²-catenin/TCF complex in response to LPA in colon cancer cells. <i>Cellular Signalling</i> , 2015, 27, 961-968.	3.6	27
15	The NHERF1 PDZ1 domain and IRBIT interact and mediate the activation of Na ⁺ /H ⁺ exchanger 3 by ANG II. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F343-F351.	2.7	19
16	Integrated regulation of stress responses, autophagy and survival by altered intracellular iron stores. <i>Redox Biology</i> , 2022, 55, 102407.	9.0	19
17	Hyperglycemia promotes microvillus membrane expression of DMT1 in intestinal epithelial cells in a PKCÎ±-dependent manner. <i>FASEB Journal</i> , 2019, 33, 3549-3561.	0.5	16
18	Unique Regulation of Human Na ⁺ /H ⁺ Exchanger 3 (NHE3) by Nedd4-2 Ligase That Differs from Non-primate NHE3s. <i>Journal of Biological Chemistry</i> , 2014, 289, 18360-18372.	3.4	15

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19	Deletion of Na ⁺ /H ⁺ exchanger regulatory factor 2 represses colon cancer progress by suppression of Stat3 and CD24. American Journal of Physiology - Renal Physiology, 2016, 310, G586-G598.	3.4	12
20	Expression of lysophosphatidic acid receptor 5 is necessary for the regulation of intestinal Na ⁺ /H ⁺ exchanger 3 by lysophosphatidic acid in vivo. American Journal of Physiology - Renal Physiology, 2018, 315, G433-G442.	3.4	12
21	Autotaxin-LPA receptor axis in the pathogenesis of lung diseases. International Journal of Clinical and Experimental Medicine, 2015, 8, 17117-22.	1.3	12
22	Inhibition of autotaxin alleviates inflammation and increases the expression of sodium-dependent glucose cotransporter 1 and Na ⁺ /H ⁺ exchanger 3 in SAMP1/Fc mice. American Journal of Physiology - Renal Physiology, 2018, 315, G762-G771.	3.4	11
23	Mechanistic Understanding of Herbal Therapy in Inflammatory Bowel Disease. Current Pharmaceutical Design, 2018, 23, 5173-5179.	1.9	9
24	Nedd4-2-dependent Ubiquitination Potentiates the Inhibition of Human NHE3 by Cholera Toxin and Enteropathogenic Escherichia coli. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 695-716.	4.5	9
25	Control of Intestinal Epithelial Permeability by Lysophosphatidic Acid Receptor 5. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1073-1092.	4.5	6
26	Transgenic Expression of Human Lysophosphatidic Acid Receptor LPA2 in Mouse Intestinal Epithelial Cells Induces Intestinal Dysplasia. PLoS ONE, 2016, 11, e0154527.	2.5	5
27	Survival of Stem Cells and Progenitors in the Intestine Is Regulated by LPA5-Dependent Signaling. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 129-150.	4.5	5
28	Genomics Approach of the Natural Product Pharmacology for High Impact Diseases. International Journal of Genomics, 2018, 2018, 1-2.	1.6	4
29	Insulin Activates Intestinal NHE3 via IRBIT. FASEB Journal, 2012, 26, 1152.21.	0.5	1
30	Editorial: Microbiome in IBD: From Composition to Therapy. Frontiers in Pharmacology, 2021, 12, 721992.	3.5	0
31	Activation of intestinal NHE3 by insulin depends on the coordination of IRBIT, NHERF1, and Ezrin. FASEB Journal, 2013, 27, 1210.11.	0.5	0
32	IRBIT Mediates Trafficking and Activation of Na ⁺ ,K ⁺ -ATPase by Angiotensin II. FASEB Journal, 2015, 29, 969.8.	0.5	0