

Salah Amasheh

List of Publications by Year in descending order

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34
papers

2,059
citations

516710

16
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361022

35
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all docs

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docs citations

35
times ranked

2426
citing authors

#	ARTICLE	IF	CITATIONS
1	Concerted action of berberine in the porcine intestinal epithelial model IPEC-J2: Effects on tight junctions and apoptosis. <i>Physiological Reports</i> , 2022, 10, e15237.	1.7	2
2	Heterogeneity of the barrier properties of the colon in rat. <i>Biological Communications</i> , 2021, 66, .	0.8	1
3	Tumor Necrosis Factor Alpha Effects on the Porcine Intestinal Epithelial Barrier Include Enhanced Expression of TNF Receptor 1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8746.	4.1	7
4	Effects of 1,2-Dimethylhydrazine on Barrier Properties of Rat Large Intestine and IPEC-J2 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10278.	4.1	1
5	Blood-Brain Barrier Protein Claudin-5 Expressed in Paired <i>Xenopus laevis</i> Oocytes Mediates Cell-Cell Interaction. <i>Frontiers in Physiology</i> , 2020, 11, 857.	2.8	9
6	Circulating Ouabain Modulates Expression of Claudins in Rat Intestine and Cerebral Blood Vessels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5067.	4.1	14
7	Accumulation of milk increases the width of tight junctions in the epithelium of mouse mammary alveoli. <i>Biological Communications</i> , 2020, 65, .	0.8	2
8	Modulation of gastrointestinal barrier and nutrient transport function in farm animals by natural plant bioactive compounds – A comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3237-3266.	10.3	87
9	Effects of glucagon-like peptides 1 and 2 and epidermal growth factor on the epithelial barrier of the rumen of adult sheep. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1727-1738.	2.2	1
10	Cholera toxin perturbs the paracellular barrier in the small intestinal epithelium of rats by affecting claudin-2 and tricellulin. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 1183-1189.	2.8	6
11	Caprate Modulates Intestinal Barrier Function in Porcine Peyer's Patch Follicle-Associated Epithelium. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1418.	4.1	13
12	Symposium review: The importance of the ruminal epithelial barrier for a healthy and productive cow. <i>Journal of Dairy Science</i> , 2019, 102, 1866-1882.	3.4	90
13	<i>Xenopus</i> oocytes as a heterologous expression system for analysis of tight junction proteins. <i>FASEB Journal</i> , 2019, 33, 5312-5319.	0.5	9
14	Effect of individual SCFA on the epithelial barrier of sheep rumen under physiological and acidotic luminal pH conditions. <i>Journal of Animal Science</i> , 2018, 96, 126-142.	0.5	27
15	Formula Feeding Predisposes Neonatal Piglets to <i>Clostridium difficile</i> Gut Infection. <i>Journal of Infectious Diseases</i> , 2018, 217, 1442-1452.	4.0	18
16	Basolateral pressure challenges mammary epithelial cell monolayer integrity, in vitro. <i>Cytotechnology</i> , 2018, 70, 567-576.	1.6	4
17	Hydrostatic pressure incubation affects barrier properties of mammary epithelial cell monolayers, in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1089-1093.	2.1	5
18	Confounding influence of tamoxifen in mouse models of Cre recombinase-induced gene activity or modulation. <i>Archives of Toxicology</i> , 2018, 92, 2549-2561.	4.2	20

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19	Porcine milk induces a strengthening of barrier function in porcine jejunal epithelium <i>in vitro</i> . <i>Annals of the New York Academy of Sciences</i> , 2017, 1397, 110-118.	3.8	4
20	The epithelial barrier and beyond: Claudins as amplifiers of physiological organ functions. <i>IUBMB Life</i> , 2017, 69, 290-296.	3.4	23
21	Effects of Ex Vivo Infection with ETEC on Jejunal Barrier Properties and Cytokine Expression in Probiotic-Supplemented Pigs. <i>Digestive Diseases and Sciences</i> , 2017, 62, 922-933.	2.3	17
22	Molecular Characterization of Barrier Properties in Follicle-Associated Epithelium of Porcine Peyer's Patches Reveals Major Sealing Function of Claudin-4. <i>Frontiers in Physiology</i> , 2017, 8, 579.	2.8	14
23	Claudin clusters as determinants of epithelial barrier function. <i>IUBMB Life</i> , 2015, 67, 29-35.	3.4	66
24	Comparative analysis of theophylline and cholera toxin in rat colon reveals an induction of sealing tight junction proteins. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 2059-2065.	2.8	20
25	Laurate Permeates the Paracellular Pathway for Small Molecules in the Intestinal Epithelial Cell Model HT-29/B6 via Opening the Tight Junctions by Reversible Relocation of Claudin-5. <i>Pharmaceutical Research</i> , 2014, 31, 2539-2548.	3.5	31
26	Altered expression of tight junction proteins in mammary epithelium after discontinued suckling in mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 391-398.	2.8	27
27	Segmental expression of claudin proteins correlates with tight junction barrier properties in rat intestine. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 591-598.	1.5	134
28	TNF α -induced and berberine-antagonized tight junction barrier impairment via tyrosine kinase, Akt and NF κ B signaling. <i>Journal of Cell Science</i> , 2010, 123, 4145-4155.	2.0	196
29	Inflamed pouch mucosa possesses altered tight junctions indicating recurrence of inflammatory bowel disease. <i>International Journal of Colorectal Disease</i> , 2009, 24, 1149-1156.	2.2	51
30	Tight Junction Proteins as Channel Formers and Barrier Builders. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 211-219.	3.8	48
31	Na ⁺ absorption defends from paracellular back-leakage by claudin-8 upregulation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 45-50.	2.1	87
32	The tight junction protein claudin-2 forms a paracellular water channel. <i>FASEB Journal</i> , 2009, 23, 796.5.	0.5	1
33	Characterization of a porcine intestinal epithelial cell line for <i>in vitro</i> studies of microbial pathogenesis in swine. <i>Histochemistry and Cell Biology</i> , 2006, 125, 293-305.	1.7	313
34	Claudin-2 expression induces cation-selective channels in tight junctions of epithelial cells. <i>Journal of Cell Science</i> , 2002, 115, 4969-4976.	2.0	700