Rana Al-Sadi

List of Publications by Year
in descending order

26 papers	4,013 citations	304602 22 h-index	580701 25 g-index
26 all docs	26 docs citations	26 times ranked	5016 citing authors

#	Article	IF	Citations
1	Lipopolysaccharide Causes an Increase in Intestinal Tight Junction Permeability inÂVitro and inÂVivo by Inducing Enterocyte Membrane Expression and Localization of TLR-4 and CD14. American Journal of Pathology, 2013, 182, 375-387.	1.9	498
2	Mechanism of cytokine modulation of epithelial tight junction barrier. Frontiers in Bioscience - Landmark, 2009, Volume, 2765.	3.0	465
3	Mechanism of IL-1Î²-Induced Increase in Intestinal Epithelial Tight Junction Permeability. Journal of Immunology, 2008, 180, 5653-5661.	0.4	342
4	Occludin regulates macromolecule flux across the intestinal epithelial tight junction barrier. American Journal of Physiology - Renal Physiology, 2011, 300, G1054-G1064.	1.6	312
5	Lipopolysaccharide Regulation of Intestinal Tight Junction Permeability Is Mediated by TLR4 Signal Transduction Pathway Activation of FAK and MyD88. Journal of Immunology, 2015, 195, 4999-5010.	0.4	297
6	MicroRNA Regulation of Intestinal Epithelial Tight Junction Permeability. Gastroenterology, 2011, 141, 1323-1333.	0.6	258
7	Interleukin-6 Modulation of Intestinal Epithelial Tight Junction Permeability Is Mediated by JNK Pathway Activation of Claudin-2 Gene. PLoS ONE, 2014, 9, e85345.	1.1	192
8	TNF-Î± Modulation of Intestinal Epithelial Tight Junction Barrier Is Regulated by ERK1/2 Activation of Elk-1. American Journal of Pathology, 2013, 183, 1871-1884.	1.9	186
9	IL-1Î²-Induced Increase in Intestinal Epithelial Tight Junction Permeability Is Mediated by MEKK-1 Activation of Canonical NF-ÎºB Pathway. American Journal of Pathology, 2010, 177, 2310-2322.	1.9	168
10	TNF-Î± Modulation of Intestinal Tight Junction Permeability Is Mediated by NIK/IKK-Î± Axis Activation of the Canonical NF-ÎºB Pathway. American Journal of Pathology, 2016, 186, 1151-1165.	1.9	151
11	Lipopolysaccharide-Induced Increase in Intestinal Epithelial Tight Permeability Is Mediated by Toll-Like Receptor 4/Myeloid Differentiation Primary Response 88 (MyD88) Activation of Myosin Light Chain Kinase Expression. American Journal of Pathology, 2017, 187, 2698-2710.	1.9	150
12	IL-1Î² and the Intestinal Epithelial Tight Junction Barrier. Frontiers in Immunology, 2021, 12, 767456.	2.2	142
13	Mechanism of IL-1Î² Modulation of Intestinal Epithelial Barrier Involves p38 Kinase and Activating Transcription Factor-2 Activation. Journal of Immunology, 2013, 190, 6596-6606.	0.4	114
14	Mechanism of glucocorticoid regulation of the intestinal tight junction barrier. American Journal of Physiology - Renal Physiology, 2007, 292, G590-G598.	1.6	106
15	IL1B Increases Intestinal Tight Junction Permeability by Up-regulation of MIR200C-3p, Which Degrades Occludin mRNA. Gastroenterology, 2020, 159, 1375-1389.	0.6	106
16	Matrix metalloproteinase 9-induced increase in intestinal epithelial tight junction permeability contributes to the severity of experimental DSS colitis. American Journal of Physiology - Renal Physiology, 2015, 309, G988-G997.	1.6	95
17	Mechanism of Interleukin-1Î² Induced-Increase in Mouse Intestinal PermeabilityIn Vivo. Journal of Interferon and Cytokine Research, 2012, 32, 474-484.	0.5	84
18	Cellular and molecular mechanism of interleukin-1Î² modulation of Caco-2 intestinal epithelial tight junction barrier. Journal of Cellular and Molecular Medicine, 2011, 15, 970-982.	1.6	71

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19	Lipopolysaccharide-Induced Increase in Intestinal Permeability Is Mediated by TAK-1 Activation of IKK and MLCK/MYLK Gene. American Journal of Pathology, 2019, 189, 797-812.	1.9	61
20	Lactobacillus acidophilus Induces a Strain-specific and Toll-Like Receptor 2â€“Dependent Enhancement of Intestinal Epithelial Tight Junction Barrier and Protection Against Intestinal Inflammation. American Journal of Pathology, 2021, 191, 872-884.	1.9	53
21	Bifidobacterium bifidum Enhances the Intestinal Epithelial Tight Junction Barrier and Protects against Intestinal Inflammation by Targeting the Toll-like Receptor-2 Pathway in an NF-ÎºB-Independent Manner. International Journal of Molecular Sciences, 2021, 22, 8070.	1.8	44
22	MMP-9-induced increase in intestinal epithelial tight permeability is mediated by p38 kinase signaling pathway activation of MLCK gene. American Journal of Physiology - Renal Physiology, 2019, 316, G278-G290.	1.6	39
23	Matrix Metalloproteinase-9 (MMP-9) induced disruption of intestinal epithelial tight junction barrier is mediated by NF-ÎºB activation. PLoS ONE, 2021, 16, e0249544.	1.1	36
24	Talk about micromanaging! Role of microRNAs in intestinal barrier function. American Journal of Physiology - Renal Physiology, 2020, 319, G170-G174.	1.6	19
25	Tight Junctions and the Intestinal Barrier. , 2018, , 587-639.		18
26	Penicillin Allergy Label Increases Risk of Worse Clinical Outcomes in COVID-19. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3629-3637.e2.	2.0	6