

Rana Al-Sadi

List of Publications by Year in descending order

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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	Matrix Metalloproteinase-9 (MMP-9) induced disruption of intestinal epithelial tight junction barrier is mediated by NF- κ B activation. PLoS ONE, 2021, 16, e0249544.	1.1	36
2	Lactobacillus acidophilus Induces a Strain-specific and Toll-Like Receptor 2-Dependent Enhancement of Intestinal Epithelial Tight Junction Barrier and Protection Against Intestinal Inflammation. American Journal of Pathology, 2021, 191, 872-884.	1.9	53
3	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- κ B-Independent Manner. International Journal of Molecular Sciences, 2021, 22, 8070.	1.8	44
4	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
5	IL-1 β and the Intestinal Epithelial Tight Junction Barrier. Frontiers in Immunology, 2021, 12, 767456.	2.2	142
6	Talk about micromanaging! Role of microRNAs in intestinal barrier function. American Journal of Physiology - Renal Physiology, 2020, 319, G170-G174.	1.6	19
7	IL1B Increases Intestinal Tight Junction Permeability by Up-regulation of MIR200C-3p, Which Degrades Occludin mRNA. Gastroenterology, 2020, 159, 1375-1389.	0.6	106
8	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
9	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
10	Tight Junctions and the Intestinal Barrier. , 2018, , 587-639.		18
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	TNF- α Modulation of Intestinal Tight Junction Permeability Is Mediated by NIK/IKK- α Axis Activation of the Canonical NF- κ B Pathway. American Journal of Pathology, 2016, 186, 1151-1165.	1.9	151
13	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
14	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
15	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
16	TNF- α 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
17	Lipopolysaccharide Causes an Increase in Intestinal Tight Junction Permeability in Vitro and in Vivo by Inducing Enterocyte Membrane Expression and Localization of TLR-4 and CD14. American Journal of Pathology, 2013, 182, 375-387.	1.9	498
18	Mechanism of IL-1 β Modulation of Intestinal Epithelial Barrier Involves p38 Kinase and Activating Transcription Factor-2 Activation. Journal of Immunology, 2013, 190, 6596-6606.	0.4	114

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19	Mechanism of Interleukin-1 β Induced-Increase in Mouse Intestinal Permeability<i>In Vivo</i>. Journal of Interferon and Cytokine Research, 2012, 32, 474-484.	0.5	84
20	MicroRNA Regulation of Intestinal Epithelial Tight Junction Permeability. Gastroenterology, 2011, 141, 1323-1333.	0.6	258
21	Cellular and molecular mechanism of interleukin-1 β modulation of Caco-2 intestinal epithelial tight junction barrier. Journal of Cellular and Molecular Medicine, 2011, 15, 970-982.	1.6	71
22	Occludin regulates macromolecule flux across the intestinal epithelial tight junction barrier. American Journal of Physiology - Renal Physiology, 2011, 300, G1054-G1064.	1.6	312
23	IL-1 β -Induced Increase in Intestinal Epithelial Tight Junction Permeability Is Mediated by MEK1 Activation of Canonical NF- κ B Pathway. American Journal of Pathology, 2010, 177, 2310-2322.	1.9	168
24	Mechanism of cytokine modulation of epithelial tight junction barrier. Frontiers in Bioscience - Landmark, 2009, Volume, 2765.	3.0	465
25	Mechanism of IL-1 β -Induced Increase in Intestinal Epithelial Tight Junction Permeability. Journal of Immunology, 2008, 180, 5653-5661.	0.4	342
26	Mechanism of glucocorticoid regulation of the intestinal tight junction barrier. American Journal of Physiology - Renal Physiology, 2007, 292, G590-G598.	1.6	106