

# Wei Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,805  
citations

257357

24  
h-index

302012

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of Gut Microbiota in Neurodegenerative Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 785644.	2.2	37
2	Ketone Body 3- $\beta$ -Hydroxybutyrate Ameliorates Atherosclerosis via Receptor Gpr109a-Mediated Calcium Influx. <i>Advanced Science</i> , 2021, 8, 2003410.	5.6	41
3	Citric Acid Promoting B Lymphocyte Differentiation and Anti-epithelial Cells Apoptosis Mediate the Protective Effects of <i>Hermetia illucens</i> Feed in ETEC Induced Piglets Diarrhea. <i>Frontiers in Veterinary Science</i> , 2021, 8, 751861.	0.9	3
4	Dietary <i>Hermetia illucens</i> Larvae Replacement Alleviates Diarrhea and Improves Intestinal Barrier Function in Weaned Piglets Challenged With Enterotoxigenic <i>Escherichia coli</i> K88. <i>Frontiers in Veterinary Science</i> , 2021, 8, 746224.	0.9	7
5	BHBA treatment improves cognitive function by targeting pleiotropic mechanisms in transgenic mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2020, 34, 1412-1429.	0.2	53
6	Fecal microbiota as a noninvasive biomarker to predict the tissue iron accumulation in intestine epithelial cells and liver. <i>FASEB Journal</i> , 2020, 34, 3006-3020.	0.2	12
7	Sodium Butyrate Protects N2a Cells against Acetaminophen Toxicity In Vitro. <i>Mediators of Inflammation</i> , 2020, 2020, 1-9.	1.4	26
8	G Protein-Coupled Receptor 109A Maintains the Intestinal Integrity and Protects Against ETEC Mucosal Infection by Promoting IgA Secretion. <i>Frontiers in Immunology</i> , 2020, 11, 583652.	2.2	21
9	$\beta$ -Cyperone inhibits LPS-induced inflammation in BV-2 cells through activation of Akt/Nrf2/HO-1 and suppression of the NF- $\kappa$ B pathway. <i>Food and Function</i> , 2018, 9, 2735-2743.	2.1	52
10	Sodium Butyrate Inhibits Inflammation and Maintains Epithelium Barrier Integrity in a TNBS-induced Inflammatory Bowel Disease Mice Model. <i>EBioMedicine</i> , 2018, 30, 317-325.	2.7	322
11	Polydatin Prevents Lipopolysaccharide (LPS)-Induced Parkinson's Disease via Regulation of the AKT/GSK3 $\beta$ -Nrf2/NF- $\kappa$ B Signaling Axis. <i>Frontiers in Immunology</i> , 2018, 9, 2527.	2.2	97
12	G Protein-Coupled Receptor 109A and Host Microbiota Modulate Intestinal Epithelial Integrity During Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 2079.	2.2	34
13	Myricetin prevents dopaminergic neurons from undergoing neuroinflammation-mediated degeneration in a lipopolysaccharide-induced Parkinson's disease model. <i>Journal of Functional Foods</i> , 2018, 45, 452-461.	1.6	29
14	Sodium Butyrate Attenuates Diarrhea in Weaned Piglets and Promotes Tight Junction Protein Expression in Colon in a GPR109A-Dependent Manner. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1617-1629.	1.1	105
15	Peiminine Protects Dopaminergic Neurons from Inflammation-Induced Cell Death by Inhibiting the ERK1/2 and NF- $\kappa$ B Signalling Pathways. <i>International Journal of Molecular Sciences</i> , 2018, 19, 821.	1.8	32
16	Galangin Reduces the Loss of Dopaminergic Neurons in an LPS-Evoked Model of Parkinson's Disease in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 12.	1.8	79
17	AMPO10014A09 in <i>Sus Scrofa</i> Encodes an Analog of G Protein-Coupled Receptor 109A, Which Mediates the Anti-Inflammatory Effects of Beta-Hydroxybutyric Acid. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1420-1430.	1.1	12
18	Licochalcone A Prevents the Loss of Dopaminergic Neurons by Inhibiting Microglial Activation in Lipopolysaccharide (LPS)-Induced Parkinson's Disease Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2043.	1.8	65

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19	Vanillin Protects Dopaminergic Neurons against Inflammation-Mediated Cell Death by Inhibiting ERK1/2, P38 and the NF- $\kappa$ B Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2017, 18, 389.	1.8	52
20	Deep Brain Magnetic Stimulation Promotes Neurogenesis and Restores Cholinergic Activity in a Transgenic Mouse Model of Alzheimer's Disease. <i>Frontiers in Neural Circuits</i> , 2017, 11, 48.	1.4	28
21	Kisspeptin-10 Induces $\beta$ -Casein Synthesis via GPR54 and Its Downstream Signaling Pathways in Bovine Mammary Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2621.	1.8	14
22	GLP-2 Attenuates LPS-Induced Inflammation in BV-2 Cells by Inhibiting ERK1/2, JNK1/2 and NF- $\kappa$ B Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2016, 17, 190.	1.8	42
23	AG and UAG induce $\beta$ -casein expression via activation of ERK1/2 and AKT pathways. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 213-225.	1.1	6
24	Bovine lactotroph cultures for the study of prolactin synthesis functions. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 296-304.	0.7	0
25	Mycophenolate Mofetil Modulates Differentiation of Th1/Th2 and the Secretion of Cytokines in an Active Crohn's Disease Mouse Model. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26654-26666.	1.8	23
26	Anti-inflammatory effects of BHBA in both in vivo and in vitro Parkinson's disease models are mediated by GPR109A-dependent mechanisms. <i>Journal of Neuroinflammation</i> , 2015, 12, 9.	3.1	192
27	$\beta$ -Hydroxybutyric Sodium Salt Inhibition of Growth Hormone and Prolactin Secretion via the cAMP/PKA/CREB and AMPK Signaling Pathways in Dairy Cow Anterior Pituitary Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4265-4280.	1.8	13
28	BHBA Suppresses LPS-Induced Inflammation in BV-2 Cells by Inhibiting NF- $\kappa$ B Activation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	1.4	110
29	GLP-2 Suppresses LPS-Induced Inflammation in Macrophages by Inhibiting ERK Phosphorylation and NF- $\kappa$ B Activation. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 590-602.	1.1	40
30	Establishment and characterization of dairy cow growth hormone secreting anterior pituitary cell model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 103-110.	0.7	5
31	IL-21 Modulates Release of Proinflammatory Cytokines in LPS-Stimulated Macrophages through Distinct Signaling Pathways. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	46
32	Short-Chain Fatty Acids Inhibit Growth Hormone and Prolactin Gene Transcription via cAMP/PKA/CREB Signaling Pathway in Dairy Cow Anterior Pituitary Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21474-21488.	1.8	30
33	Differential Expression and Regulation of Angiopoietin-2 in Mouse Uterus During Preimplantation Period. <i>Anatomical Record</i> , 2012, 295, 338-346.	0.8	11
34	Salidroside Attenuates Hydrogen Peroxide-Induced Cell Damage Through a cAMP-Dependent Pathway. <i>Molecules</i> , 2011, 16, 3371-3379.	1.7	17
35	In Vitro Synergy of Biochanin A and Ciprofloxacin against Clinical Isolates of <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2011, 16, 6656-6666.	1.7	30
36	Transcriptional and Functional Analysis of the Effects of Magnolol: Inhibition of Autolysis and Biofilms in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2011, 6, e26833.	1.1	30

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37	Effects of Copper on Proliferation and Autocrine Secretion of Insulin-Like Growth Factor-1 (IGF-1) and IGF-Binding Protein-3 (IGFBP-3) in Chondrocytes from Newborn Pigs In Vitro. <i>Biological Trace Element Research</i> , 2011, 144, 588-596.	1.9	20
38	Ghrelin inhibits AGEs-induced apoptosis in human endothelial cells involving ERK1/2 and PI3K/Akt pathways. <i>Cell Biochemistry and Function</i> , 2011, 29, 149-155.	1.4	33
39	The effect of Qing sui yu ju dan in thromboangitis obliterans model rats. , 2011, , .		0
40	Establishment of thromboangitis obliterans in rats. , 2011, , .		0
41	Expression of interleukin 6 in brain and colon of rats with TNBS-induced colitis. <i>World Journal of Gastroenterology</i> , 2010, 16, 2252.	1.4	33
42	Acute Electrical Stimulation of Nucleus Ambiguus Enhances Immune Function in Rats. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 441-447.	0.3	2
43	Polydatin Prevents Lipopolysaccharide (LPS)-Induced Parkinson's Disease Via Regulation of the AKT/GSK3 $\beta$ -Nrf2/NF- $\kappa$ B Signaling Axis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
44	G Protein-Coupled Receptor 109A and Host Microbiota Modulate Intestinal Epithelial Integrity During Sepsis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
45	BHBA Treatment Improves Cognitive Function by Targeting Pleiotropic Mechanisms in a Transgenic Mouse Model of Alzheimer's Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
46	Fecal Microbiota As a Non-Invasive Biomarker to Predict the Tissue Iron Accumulation in Intestine Epithelial Cells and Liver. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0