Heng Fan

List of Publications by Year
in descending order

63 papers	2,824 citations	279701 23 h-index	189801 50 g-index
65 all docs	65 docs citations	65 times ranked	5374 citing authors

#	Article	IF	Citations
1	Diabetes is a risk factor for the progression and prognosis of <scp>COVID</scp>â€19. Diabetes/Metabolism Research and Reviews, 2020, 36, e3319.	1.7	1,106
2	Extracellular Vesicles Derived from Bone Marrow Mesenchymal Stem Cells Protect against Experimental Colitis via Attenuating Colon Inflammation, Oxidative Stress and Apoptosis. PLoS ONE, 2015, 10, e0140551.	1.1	179
3	Extracellular vesicles containing miR-146a attenuate experimental colitis by targeting TRAF6 and IRAK1. International Immunopharmacology, 2019, 68, 204-212.	1.7	107
4	Elevated Exhaustion Levels of NK and CD8+ T Cells as Indicators for Progression and Prognosis of COVID-19 Disease. Frontiers in Immunology, 2020, 11, 580237.	2.2	96
5	Oxymatrine protects against DSS-induced colitis via inhibiting the PI3K/AKT signaling pathway. International Immunopharmacology, 2017, 53, 149-157.	1.7	71
6	Cardiovascular disease potentially contributes to the progression and poor prognosis of COVID-19. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1061-1067.	1.1	71
7	Effect of compound sophorae decoction on dextran sodium sulfate (DSS)-induced colitis in mice by regulating Th17/Treg cell balance. Biomedicine and Pharmacotherapy, 2019, 109, 2396-2408.	2.5	67
8	miRâ€200bâ€containing microvesicles attenuate experimental colitis associated intestinal fibrosis by inhibiting epithelialâ€mesenchymal transition. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 1966-1974.	1.4	60
9	A novel simple scoring model for predicting severity of patients with SARSâ€CoVâ€2 infection. Transboundary and Emerging Diseases, 2020, 67, 2823-2829.	1.3	59
10	Pinaverium Reduces Symptoms of Irritable Bowel Syndrome in a Multicenter, Randomized, Controlled Trial. Clinical Gastroenterology and Hepatology, 2015, 13, 1285-1292.e1.	2.4	56
11	Obesity is a potential risk factor contributing to clinical manifestations of COVID-19. International Journal of Obesity, 2020, 44, 2479-2485.	1.6	47
12	MiR-155 contributes to Th17 cells differentiation in dextran sulfate sodium (DSS)-induced colitis mice via Jarid2. Biochemical and Biophysical Research Communications, 2017, 488, 6-14.	1.0	45
13	Chronic Inflammation: A Common Promoter in Tertiary Lymphoid Organ Neogenesis. Frontiers in Immunology, 2019, 10, 2938.	2.2	45
14	Compound sophorae decoction enhances intestinal barrier function of dextran sodium sulfate induced colitis via regulating notch signaling pathway in mice. Biomedicine and Pharmacotherapy, 2021, 133, 110937.	2.5	44
15	miR-155 antagomir protect against DSS-induced colitis in mice through regulating Th17/Treg cell balance by Jarid2/Wnt/Î²-catenin. Biomedicine and Pharmacotherapy, 2020, 126, 109909.	2.5	39
16	Berberine ameliorates DSS-induced intestinal mucosal barrier dysfunction through microbiota-dependence and Wnt/Î²-catenin pathway. International Journal of Biological Sciences, 2022, 18, 1381-1397.	2.6	37
17	Using functional and molecular MRI techniques to detect neuroinflammation and neuroprotection after traumatic brain injury. Brain, Behavior, and Immunity, 2017, 64, 344-353.	2.0	34
18	Protective effects of oxymatrine against DSS-induced acute intestinal inflammation in mice via blocking the RhoA/ROCK signaling pathway. Bioscience Reports, 2019, 39, .	1.1	33

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19	Long-term infection of SARS-CoV-2 changed the body's immune status. Clinical Immunology, 2020, 218, 108524.	1.4	33
20	ROS-responsive nanoparticles for oral delivery of luteolin and targeted therapy of ulcerative colitis by regulating pathological microenvironment. Materials Today Bio, 2022, 14, 100246.	2.6	32
21	Effects of four regulating-intestine prescriptions on pathology and ultrastructure of colon tissue in rats with ulcerative colitis. World Journal of Gastroenterology, 2005, 11, 4800.	1.4	31
22	Over-expression of CXCR4 on mesenchymal stem cells protect against experimental colitis via immunomodulatory functions in impaired tissue. Journal of Molecular Histology, 2014, 45, 181-193.	1.0	28
23	Intervention effects of QRZSLXF, a Chinese medicinal herb recipe, on the DOR-Î²-arrestin1-Bcl2 signal transduction pathway in a rat model of ulcerative colitis. Journal of Ethnopharmacology, 2014, 154, 88-97.	2.0	25
24	High-Salt Diet Gets Involved in Gastrointestinal Diseases through the Reshaping of Gastroenterological Milieu. Digestion, 2019, 99, 267-274.	1.2	25
25	Oxymatrine improves TNBS-induced colitis in rats by inhibiting the expression of NF-ÎºB p65. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 415-420.	1.0	24
26	MiR-155 contributes to intestinal barrier dysfunction in DSS-induced mice colitis via targeting HIF-1Î±/TFF-3 axis. Aging, 2020, 12, 14966-14977.	1.4	24
27	Tongxie Formula Reduces Symptoms of Irritable Bowel Syndrome. Clinical Gastroenterology and Hepatology, 2017, 15, 1724-1732.	2.4	23
28	Autotaxin-Lysophosphatidic Acid Axis Blockade Improves Inflammation by Regulating Th17 Cell Differentiation in DSS-Induced Chronic Colitis Mice. Inflammation, 2019, 42, 1530-1541.	1.7	23
29	A Review on Recent Advances in Aloperine Research: Pharmacological Activities and Underlying Biological Mechanisms. Frontiers in Pharmacology, 2020, 11, 538137.	1.6	23
30	Dual expression of CXCR4 and IL-35 enhances the therapeutic effects of BMSCs on TNBS-induced colitis in rats through expansion of Tregs and suppression of Th17â€¯cells. Biochemical and Biophysical Research Communications, 2018, 499, 727-734.	1.0	22
31	BMSC-EVs regulate Th17 cell differentiation in UC via H3K27me3. Molecular Immunology, 2020, 118, 191-200.	1.0	22
32	Role of Î²2-adrenoceptor-Î²-arrestin2-nuclear factor-ÎºB signal transduction pathway and intervention effects of oxymatrine in ulcerative colitis. Chinese Journal of Integrative Medicine, 2012, 18, 514-521.	0.7	21
33	Dynamic role of macrophage CX3CR1 expression in inflammatory bowel disease. Immunology Letters, 2021, 232, 39-44.	1.1	19
34	Adrenomedullin improves intestinal epithelial barrier function by downregulating myosin light chain phosphorylation in ulcerative colitis rats. Molecular Medicine Reports, 2015, 12, 3615-3620.	1.1	18
35	MiR-155 inhibition ameliorates 2, 4, 6-Trinitrobenzenesulfonic acid (TNBS)-induced experimental colitis in rat via influencing the differentiation of Th17 cells by Jarid2. International Immunopharmacology, 2018, 64, 401-410.	1.7	18
36	A Systematic Review Exploring the Anticancer Activity and Mechanisms of Glucomannan. Frontiers in Pharmacology, 2019, 10, 930.	1.6	18

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37	Over-expressed miRNA-200b ameliorates ulcerative colitis-related colorectal cancer in mice through orchestrating epithelial-mesenchymal transition and inflammatory responses by channel of AKT2. International Immunopharmacology, 2018, 61, 346-354.	1.7	17
38	Rho kinase Blockade Ameliorates DSS-Induced Ulcerative Colitis in Mice Through Dual Inhibition of the NF-ÎºB and IL-6/STAT3 Pathways. Inflammation, 2020, 43, 857-867.	1.7	15
39	IRF/Type I IFN signaling serves as a valuable therapeutic target in the pathogenesis of inflammatory bowel disease. International Immunopharmacology, 2021, 92, 107350.	1.7	15
40	Effect of Wumeiwan on cytokines TNF-Î±, IL-6, IL-8, IL-10 and expression of NF-ÎºBp65 in rats with ulcerative colitis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2009, 29, 650-654.	1.0	14
41	Study on the interactions between transplanted bone marrow-derived mesenchymal stem cells and regulatory T cells for the treatment of experimental colitis. International Journal of Molecular Medicine, 2013, 32, 1337-1344.	1.8	14
42	The Chinese medicinal herb decoction QRZSLXF enhances anti-inflammatory effect in TNBS-induced colitis via balancing Th17/Tregs differentiation. Journal of Ethnopharmacology, 2020, 251, 112549.	2.0	13
43	Extracellular vesicles derived from EphB2-overexpressing bone marrow mesenchymal stem cells ameliorate DSS-induced colitis by modulating immune balance. Stem Cell Research and Therapy, 2021, 12, 181.	2.4	13
44	Uncovering the Anticancer Mechanism of Compound Sophorae Decoction against Ulcerative Colitis-Related Colorectal Cancer in Mice. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-16.	0.5	11
45	Effect of compound Sophorae decoction in the treatment of ulcerative colitis by tissue extract metabolomics approach. Journal of Traditional Chinese Medicine, 2021, 41, 414-423.	0.1	11
46	Next-Generation Sequencing and Proteomics of Cerebrospinal Fluid From COVID-19 Patients With Neurological Manifestations. Frontiers in Immunology, 2021, 12, 782731.	2.2	11
47	Role of DOR-Î²-arrestin1-Bcl2 signal transduction pathway and intervention effects of oxymatrine in ulcerative colitis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2014, 34, 815-820.	1.0	9
48	Modulation of nuclear factor-ÎºB-mediated pro-inflammatory response is associated with exogenous administration of bone marrow-derived mesenchymal stem cells for treatment of experimental colitis. Molecular Medicine Reports, 2015, 11, 2741-2748.	1.1	8
49	Effect of compound Sophorae Flavescentis Jiechangrong capsule on expression of NF-ÎºB p65 and STAT6 in the intestinal mucosa of patients with ulcerative colitis. Frontiers of Medicine in China, 2009, 3, 480-484.	0.1	7
50	Are personalized tongxie formula based on diagnostic analyses more effective in reducing IBS symptoms?â€"A randomized controlled trial. Complementary Therapies in Medicine, 2018, 40, 95-105.	1.3	7
51	COVIDâ€19 patients benefit from early antiviral treatment: A comparative, retrospective study. Journal of Medical Virology, 2020, 92, 2675-2683.	2.5	7
52	GEO data mining and TCGA analysis reveal altered branched chain amino acid metabolism in pancreatic cancer patients. Aging, 2021, 13, 11907-11918.	1.4	7
53	iASPP-Mediated ROS Inhibition Drives 5-Fu Resistance Dependent on Nrf2 Antioxidative Signaling Pathway in Gastric Adenocarcinoma. Digestive Diseases and Sciences, 2020, 65, 2873-2883.	1.1	5
54	Differential Analysis of Serum Principal Components Treated with Compound Sophora Decoction and Related Compounds Based on High-Resolution Mass Spectrometry (HRMS). Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-17.	0.5	3

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55	Assessing the post-treatment therapeutic effect of tongxie in irritable bowel syndrome: A randomized controlled trial. Complementary Therapies in Medicine, 2022, 68, 102839.	1.3	3
56	Critical thinking about three meta-analyses: can vitamin D alone or with calcium prevent fractures?. Current Medical Research and Opinion, 2020, 36, 497-501.	0.9	2
57	Compound Sophorae Decoction: treating ulcerative colitis by affecting multiple metabolic pathways. Chinese Journal of Natural Medicines, 2021, 19, 267-283.	0.7	2
58	Assessing the post-treatment therapeutic effect of pinaverium in irritable bowel syndrome: a randomized controlled trial. Scientific Reports, 2021, 11, 13894.	1.6	2
59	HSPA5 Inhibitor Meliorate DSS-Induced Colitis through HSPA1A/CHIP. Disease Markers, 2022, 2022, 1-10.	0.6	2
60	Expression of STAT6 and NF-ÎºB p65 in the colon mucosa of patients with ulcerative colitis. Frontiers of Medicine in China, 2009, 3, 475-479.	0.1	0
61	8-hydroxypinoresinol-4-O-Î²-D-glucoside from Valeriana officinalis L. Is a Novel Kv1.5 Channel Blocker. Journal of Ethnopharmacology, 2021, 276, 114168.	2.0	0
62	Role of miR-155 in pathogenesis of inflammatory bowel disease. World Chinese Journal of Digestology, 2019, 27, 1070-1075.	0.0	0
63	New progress in research of Th17 cells and related cytokines in inflammatory bowel disease. World Chinese Journal of Digestology, 2021, 29, 1402-1409.	0.0	0