

# Wei Huang

## List of Publications by Year in descending order

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55  
papers

1,558  
citations

394421

19  
h-index

330143

37  
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56  
all docs

56  
docs citations

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times ranked

2006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibitors of ORAI1 Prevent Cytosolic Calcium-Associated Injury of Human Pancreatic Acinar Cells and Acute Pancreatitis in 3 Mouse Models. <i>Gastroenterology</i> , 2015, 149, 481-492.e7.	1.3	162
2	Mechanism of mitochondrial permeability transition pore induction and damage in the pancreas: inhibition prevents acute pancreatitis by protecting production of ATP. <i>Gut</i> , 2016, 65, 1333-1346.	12.1	159
3	Fatty acid ethyl ester synthase inhibition ameliorates ethanol-induced Ca <sup>2+</sup> -dependent mitochondrial dysfunction and acute pancreatitis. <i>Gut</i> , 2014, 63, 1313-1324.	12.1	135
4	Caffeine protects against experimental acute pancreatitis by inhibition of inositol 1,4,5-trisphosphate receptor-mediated Ca <sup>2+</sup> release. <i>Gut</i> , 2017, 66, 301-313.	12.1	74
5	Antibiotic therapy in acute pancreatitis: From global overuse to evidence based recommendations. <i>Pancreatology</i> , 2019, 19, 488-499.	1.1	70
6	Duration of organ failure impacts mortality in acute pancreatitis. <i>Gut</i> , 2020, 69, 604-605.	12.1	68
7	Biology, role and therapeutic potential of circulating histones in acute inflammatory disorders. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4617-4629.	3.6	58
8	Hypertriglyceridaemia-associated acute pancreatitis: diagnosis and impact on severity. <i>Hpb</i> , 2019, 21, 1240-1249.	0.3	50
9	Early Oral Refeeding Wisdom in Patients With Mild Acute Pancreatitis. <i>Pancreas</i> , 2013, 42, 88-91.	1.1	48
10	Acinar cell NLRP3 inflammasome and gasdermin D (GSDMD) activation mediates pyroptosis and systemic inflammation in acute pancreatitis. <i>British Journal of Pharmacology</i> , 2021, 178, 3533-3552.	5.4	48
11	An Endoplasmic Reticulum Stress-MicroRNA-26a Feedback Circuit in NAFLD. <i>Hepatology</i> , 2021, 73, 1327-1345.	7.3	47
12	Protective effects of flavonoids from <i>Coreopsis tinctoria</i> Nutt. on experimental acute pancreatitis via Nrf-2/ARE-mediated antioxidant pathways. <i>Journal of Ethnopharmacology</i> , 2018, 224, 261-272.	4.1	37
13	Circulating Histone Levels Reflect Disease Severity in Animal Models of Acute Pancreatitis. <i>Pancreas</i> , 2015, 44, 1089-1095.	1.1	36
14	Chaiqin chengqi decoction alleviates severity of acute pancreatitis via inhibition of TLR4 and NLRP3 inflammasome: Identification of bioactive ingredients via pharmacological sub-network analysis and experimental validation. <i>Phytomedicine</i> , 2020, 79, 153328.	5.3	34
15	Effects of the Mitochondria-Targeted Antioxidant Mitoquinone in Murine Acute Pancreatitis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	29
16	Early Rapid Fluid Therapy Is Associated with Increased Rate of Noninvasive Positive-Pressure Ventilation in Hemoconcentrated Patients with Severe Acute Pancreatitis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2700-2711.	2.3	28
17	Experimental Acute Pancreatitis Models: History, Current Status, and Role in Translational Research. <i>Frontiers in Physiology</i> , 2020, 11, 614591.	2.8	28
18	Diet rich in Docosahexaenoic Acid/Eicosapentaenoic Acid robustly ameliorates hepatic steatosis and insulin resistance in seipin deficient lipodystrophy mice. <i>Nutrition and Metabolism</i> , 2015, 12, 58.	3.0	25

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19	Stress Hyperglycemia Is Independently Associated with Persistent Organ Failure in Acute Pancreatitis. <i>Digestive Diseases and Sciences</i> , 2022, 67, 1879-1889.	2.3	23
20	Ketogenesis acts as an endogenous protective programme to restrain inflammatory macrophage activation during acute pancreatitis. <i>EBioMedicine</i> , 2022, 78, 103959.	6.1	23
21	Precision medicine for acute pancreatitis: current status and future opportunities. <i>Precision Clinical Medicine</i> , 2019, 2, 81-86.	3.3	22
22	Novel Lipophilic Probe for Detecting Near-Membrane Reactive Oxygen Species Responses and Its Application for Studies of Pancreatic Acinar Cells: Effects of Pyocyanin and L-Ornithine. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 451-464.	5.4	19
23	Plasma cytokines can help to identify the development of severe acute pancreatitis on admission. <i>Medicine (United States)</i> , 2017, 96, e7312.	1.0	19
24	Renal injury in <i>Seipin</i> -deficient lipodystrophic mice and its reversal by adipose tissue transplantation or leptin administration alone: adipose tissue-kidney crosstalk. <i>FASEB Journal</i> , 2018, 32, 5550-5562.	0.5	19
25	Adipose tissue transplantation ameliorates lipodystrophy-associated metabolic disorders in <i>seipin</i> -deficient mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E54-E62.	3.5	19
26	Rectal indomethacin for the prevention of post-ERCP pancreatitis: A meta-analysis of randomized controlled trials. <i>Turkish Journal of Gastroenterology</i> , 2015, 26, 236-240.	1.1	17
27	Selective inhibition of BET proteins reduces pancreatic damage and systemic inflammation in bile acid- and fatty acid ethyl ester- but not caerulein-induced acute pancreatitis. <i>Pancreatology</i> , 2017, 17, 689-697.	1.1	17
28	Dyslipidemia, steatohepatitis and atherogenesis in lipodystrophic apoE deficient mice with <i>Seipin</i> deletion. <i>Gene</i> , 2018, 648, 82-88.	2.2	17
29	TREK Channel Family Activator with a Well-Defined Structure-Activation Relationship for Pain and Neurogenic Inflammation. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3665-3677.	6.4	17
30	Validation of the moderate severity category of acute pancreatitis defined by determinant-based classification. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2014, 13, 323-327.	1.3	16
31	Chaiqin chengqi decoction ameliorates acute pancreatitis in mice via inhibition of neuron activation-mediated acinar cell SP/NK1R signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114029.	4.1	16
32	Noninvasive Positive-Pressure Ventilation in Acute Respiratory Distress Syndrome in Patients With Acute Pancreatitis. <i>Pancreas</i> , 2016, 45, 58-63.	1.1	14
33	Acid suppression therapy, gastrointestinal bleeding and infection in acute pancreatitis - An international cohort study. <i>Pancreatology</i> , 2020, 20, 1323-1331.	1.1	13
34	A microRNA checkpoint for Ca <sup>2+</sup> signaling and overload in acute pancreatitis. <i>Molecular Therapy</i> , 2022, 30, 1754-1774.	8.2	13
35	Randomized controlled trial: neostigmine for intra-abdominal hypertension in acute pancreatitis. <i>Critical Care</i> , 2022, 26, 52.	5.8	13
36	Urinary trypsinogen-2 for diagnosing acute pancreatitis: a meta-analysis. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2013, 12, 355-362.	1.3	12

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37	Response and outcome from fluid resuscitation in acute pancreatitis: a prospective cohort study. <i>Hpb</i> , 2018, 20, 1082-1091.	0.3	12
38	AICAR, an AMP-Activated Protein Kinase Activator, Ameliorates Acute Pancreatitis-Associated Liver Injury Partially Through Nrf2-Mediated Antioxidant Effects and Inhibition of NLRP3 Inflammasome Activation. <i>Frontiers in Pharmacology</i> , 2021, 12, 724514.	3.5	12
39	Ethyl pyruvate and analogs as potential treatments for acute pancreatitis: A review of in vitro and in vivo studies. <i>Pancreatology</i> , 2019, 19, 209-216.	1.1	9
40	Chai-Qin-Cheng-Qi Decoction and Carbachol Improve Intestinal Motility by Regulating Protein Kinase C-Mediated Ca <sup>2+</sup> Release in Colonic Smooth Muscle Cells in Rats with Acute Necrotising Pancreatitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	8
41	Seipin Deficiency Accelerates Heart Failure Due to Calcium Handling Abnormalities and Endoplasmic Reticulum Stress in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644128.	2.4	8
42	Hemoconcentration is associated with early faster fluid rate and increased risk of persistent organ failure in acute pancreatitis patients. <i>JGH Open</i> , 2020, 4, 684-691.	1.6	7
43	Temporal metabolic trajectory analyzed by LC-MS/MS based targeted metabolomics in acute pancreatitis pathogenesis and Chaiqin Chengqi decoction therapy. <i>Phytomedicine</i> , 2022, 99, 153996.	5.3	7
44	Changes of neuronal acetylcholine receptor alpha 7 of peritoneal macrophage in experimental acute pancreatitis treated by Chaiqin Chengqi Decoction (柴勤成气汤). <i>Chinese Journal of Integrative Medicine</i> , 2014, 20, 6770-775.	2.0	6
45	Translational Insights Into Peroxisome Proliferator-Activated Receptors in Experimental Acute Pancreatitis. <i>Pancreas</i> , 2016, 45, 167-178.	1.1	6
46	Fulminant or Early Severe Acute Pancreatitis Is Overlooked by Classifications of Severity. <i>Critical Care Medicine</i> , 2017, 45, e744-e745.	0.9	6
47	Aqueous extraction from dachengqi formula granules reduces the severity of mouse acute pancreatitis via inhibition of pancreatic pro-inflammatory signalling pathways. <i>Journal of Ethnopharmacology</i> , 2020, 257, 112861.	4.1	6
48	Transcriptomics and Network Pharmacology Reveal the Protective Effect of Chaiqin Chengqi Decoction on Obesity-Related Alcohol-Induced Acute Pancreatitis via Oxidative Stress and PI3K/Akt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2020, 13, .	3.5	5
49	Optimising fluid requirements after initial resuscitation: A pilot study evaluating mini-fluid challenge and passive leg raising test in patients with predicted severe acute pancreatitis. <i>Pancreatology</i> , 2022, 22, 894-901.	1.1	5
50	Alcohol predisposes obese mice to acute pancreatitis via adipose triglyceride lipase-dependent visceral adipocyte lipolysis. <i>Gut</i> , 2023, 72, 212-214.	12.1	4
51	Predicting persistent organ failure on admission in patients with acute pancreatitis: development and validation of a mobile nomogram. <i>Hpb</i> , 2022, 24, 1907-1920.	0.3	4
52	Role of Seipin in Human Diseases and Experimental Animal Models. <i>Biomolecules</i> , 2022, 12, 840.	4.0	4
53	Growth differentiation factor 15 is an early predictor for persistent organ failure and mortality in acute pancreatitis. <i>Pancreatology</i> , 2022, 22, 200-209.	1.1	2
54	Improving Small Intestinal Motility in Experimental Acute Necrotising Pancreatitis by Modulating the CPI-17/MLCP Pathway Using Chaiqin Chengqi Decoction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	1.2	1

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55	Predicting the Need for Therapeutic Intervention and Mortality in Acute Pancreatitis: A Two-Center International Study Using Machine Learning. <i>Journal of Personalized Medicine</i> , 2022, 12, 616.	2.5	1