

# Peng Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

4,314  
citations

257450

24  
h-index

118850

62  
g-index

96  
all docs

96  
docs citations

96  
times ranked

6477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional variation limits applications of healthy gut microbiome reference ranges and disease models. <i>Nature Medicine</i> , 2018, 24, 1532-1535.	30.7	629
2	Intestinal fungi contribute to development of alcoholic liver disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 2829-2841.	8.2	336
3	Intestinal REG3 Lectins Protect against Alcoholic Steatohepatitis by Reducing Mucosa-Associated Microbiota and Preventing Bacterial Translocation. <i>Cell Host and Microbe</i> , 2016, 19, 227-239.	11.0	284
4	Supplementation of Saturated Long-Chain Fatty Acids Maintains Intestinal Eubiosis and Reduces Ethanol-induced Liver Injury in Mice. <i>Gastroenterology</i> , 2015, 148, 203-214.e16.	1.3	266
5	Dysbiosis-induced intestinal inflammation activates tumor necrosis factor receptor I and mediates alcoholic liver disease in mice. <i>Hepatology</i> , 2015, 61, 883-894.	7.3	245
6	Prevalence of osteoporosis in China: a meta-analysis and systematic review. <i>BMC Public Health</i> , 2016, 16, 1039.	2.9	222
7	Methods to determine intestinal permeability and bacterial translocation during liver disease. <i>Journal of Immunological Methods</i> , 2015, 421, 44-53.	1.4	199
8	Modulation of the intestinal bile acid/farnesoid X receptor/fibroblast growth factor 15 axis improves alcoholic liver disease in mice. <i>Hepatology</i> , 2018, 67, 2150-2166.	7.3	189
9	Gut microbiota mediates diurnal variation of acetaminophen induced acute liver injury in mice. <i>Journal of Hepatology</i> , 2018, 69, 51-59.	3.7	178
10	Demystifying the manipulation of host immunity, metabolism, and extraintestinal tumors by the gut microbiome. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 41.	17.1	150
11	Linking gut microbiota, metabolic syndrome and economic status based on a population-level analysis. <i>Microbiome</i> , 2018, 6, 172.	11.1	131
12	Intestinal Microbiota Mediates the Susceptibility to Polymicrobial Sepsis-induced Liver Injury by Granisetron Generation in Mice. <i>Hepatology</i> , 2019, 69, 1751-1767.	7.3	102
13	Microbiota Protects Mice Against Acute Alcohol-induced Liver Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2313-2323.	2.4	92
14	Enteric dysbiosis-linked gut barrier disruption triggers early renal injury induced by chronic high salt feeding in mice. <i>Experimental and Molecular Medicine</i> , 2017, 49, e370-e370.	7.7	77
15	Host-Microbiome Interactions in Alcoholic Liver Disease. <i>Gut and Liver</i> , 2014, 8, 237-241.	2.9	73
16	Light exposure influences the diurnal oscillation of gut microbiota in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 16-23.	2.1	68
17	Enteric dysbiosis is associated with sepsis in patients. <i>FASEB Journal</i> , 2019, 33, 12299-12310.	0.5	67
18	Anemia increases the mortality risk in patients with stroke: A meta-analysis of cohort studies. <i>Scientific Reports</i> , 2016, 6, 26636.	3.3	60

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19	Clock gene mPer2 functions in diurnal variation of acetaminophen induced hepatotoxicity in mice. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 581-585.	2.1	41
20	Development of triazolothiadiazine derivatives as highly potent tubulin polymerization inhibitors: Structure-activity relationship, in vitro and in vivo study. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112847.	5.5	35
21	Soyasaponin II protects against acute liver failure through diminishing YB-1 phosphorylation and Nlrp3-inflammasome priming in mice. <i>Theranostics</i> , 2020, 10, 2714-2726.	10.0	35
22	Pyruvate Kinase M2 Tetramerization Protects against Hepatic Stellate Cell Activation and Liver Fibrosis. <i>American Journal of Pathology</i> , 2020, 190, 2267-2281.	3.8	32
23	Synthesis, biological evaluation, and molecular docking investigation of 3-amidoindoles as potent tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 525-533.	5.5	30
24	Using circulating tumor DNA as a novel biomarker to screen and diagnose hepatocellular carcinoma: A systematic review and meta-analysis. <i>Cancer Medicine</i> , 2020, 9, 1349-1364.	2.8	30
25	Dexmedetomidine promotes the progression of hepatocellular carcinoma through hepatic stellate cell activation. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1062-1074.	7.7	29
26	Single-cell RNA sequencing reveals the sustained immune cell dysfunction in the pathogenesis of sepsis secondary to bacterial pneumonia. <i>Genomics</i> , 2021, 113, 1219-1233.	2.9	29
27	Association of genetic polymorphisms in genes involved in Ara-C and dNTP metabolism pathway with chemosensitivity and prognosis of adult acute myeloid leukemia (AML). <i>Journal of Translational Medicine</i> , 2018, 16, 90.	4.4	24
28	Crosstalk between gut microbiota and sepsis. <i>Burns and Trauma</i> , 2021, 9, tkab036.	4.9	24
29	Design, synthesis and biological evaluation of novel 3-alkylsulfanyl-4-amino-1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3679-3683.	2.2	23
30	Intestinal iNKT cells migrate to liver and contribute to hepatocyte apoptosis during alcoholic liver disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G585-G597.	3.4	23
31	Gut Microbiota and Chemical-Induced Acute Liver Injury. <i>Frontiers in Physiology</i> , 2021, 12, 688780.	2.8	23
32	Nanoscale microenvironment engineering based on layer-by-layer self-assembly to regulate hair follicle stem cell fate for regenerative medicine. <i>Theranostics</i> , 2020, 10, 11673-11689.	10.0	22
33	The gut microbial metabolite, 3,4-dihydroxyphenylpropionic acid, alleviates hepatic ischemia/reperfusion injury via mitigation of macrophage pro-inflammatory activity in mice. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 182-196.	12.0	22
34	Clinical utility of microRNA-378 as early diagnostic biomarker of human cancers: a meta-analysis of diagnostic test. <i>Oncotarget</i> , 2016, 7, 58569-58578.	1.8	22
35	Dietary capsaicin and antibiotics act synergistically to reduce non-alcoholic fatty liver disease induced by high fat diet in mice. <i>Oncotarget</i> , 2017, 8, 38161-38175.	1.8	21
36	Influence of DNMT3A R882 mutations on AML prognosis determined by the allele ratio in Chinese patients. <i>Journal of Translational Medicine</i> , 2019, 17, 220.	4.4	21

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37	Inflammatory microenvironment of fibrotic liver promotes hepatocellular carcinoma growth, metastasis and sorafenib resistance through STAT3 activation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1568-1582.	3.6	21
38	Design, synthesis and biological evaluation of novel indole-based oxalamide and aminoacetamide derivatives as tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126816.	2.2	19
39	Granisetron protects polymicrobial sepsis-induced acute lung injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1004-1010.	2.1	18
40	Comprehensive Analysis of Pyroptosis-Associated in Molecular Classification, Immunity and Prognostic of Glioma. <i>Frontiers in Genetics</i> , 2021, 12, 781538.	2.3	18
41	l-Fucose ameliorates high-fat diet-induced obesity and hepatic steatosis in mice. <i>Journal of Translational Medicine</i> , 2018, 16, 344.	4.4	16
42	Percutaneous endoscopic transforaminal discectomy precedes interlaminar discectomy in the efficacy and safety for lumbar disc herniation. <i>Bioscience Reports</i> , 2019, 39, .	2.4	16
43	Influence of UGT1A1 polymorphisms on the outcome of acute myeloid leukemia patients treated with cytarabine-base regimens. <i>Journal of Translational Medicine</i> , 2018, 16, 197.	4.4	14
44	Rapamycin Protects Spiral Ganglion Neurons from Gentamicin-Induced Degeneration In Vitro. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019, 20, 475-487.	1.8	14
45	Gut Microbiota and Endocrine Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 143-164.	1.6	14
46	Intestinal Epithelial Chemokine (C-C Motif) Ligand 7 Overexpression Enhances Acetaminophen-Induced Hepatotoxicity in Mice. <i>American Journal of Pathology</i> , 2020, 190, 57-67.	3.8	13
47	Genotype-Guided Dosing of Warfarin in Chinese Adults. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002602.	3.6	13
48	<i>Scara3</i> regulates bone marrow mesenchymal stem cell fate switch between osteoblasts and adipocytes by promoting Foxo1. <i>Cell Proliferation</i> , 2021, 54, e13095.	5.3	12
49	Red Cell Distribution Width and Inappropriateness of Left Ventricular Mass in Patients with Untreated Essential Hypertension. <i>PLoS ONE</i> , 2015, 10, e0120300.	2.5	12
50	Attenuation of auditory mismatch negativity in serotonin transporter knockout mice with anxiety-related behaviors. <i>Behavioural Brain Research</i> , 2020, 379, 112387.	2.2	11
51	Nanoscale microenvironment engineering for expanding human hair follicle stem cell and revealing their plasticity. <i>Journal of Nanobiotechnology</i> , 2021, 19, 94.	9.1	11
52	Gut Microbiota and Multiple Organ Dysfunction Syndrome (MODS). <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 195-202.	1.6	11
53	Development and Identification of a Nomogram Prognostic Model for Patients with Primary Clear Cell Carcinoma of the Liver. <i>Medical Science Monitor</i> , 2020, 26, e919789.	1.1	11
54	Relationship between red cell distribution width and serum uric acid in patients with untreated essential hypertension. <i>Scientific Reports</i> , 2014, 4, 7291.	3.3	10

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55	CpG-Oligodeoxynucleotides Alleviate Tert-Butyl Hydroperoxide-Induced Macrophage Apoptosis by Regulating Mitochondrial Function and Suppressing ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	4.0	10
56	Overexpression of PKMYT1 Facilitates Tumor Development and Is Correlated with Poor Prognosis in Clear Cell Renal Cell Carcinoma. <i>Medical Science Monitor</i> , 2020, 26, e926755.	1.1	10
57	Design, synthesis and antiproliferative activity of novel 5-nitropyrimidine-2,4-diamine derivatives bearing alkyl acetate moiety. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 161-169.	5.5	9
58	Specific Influences of Early Acoustic Environments on Cochlear Hair Cells in Postnatal Mice. <i>Neural Plasticity</i> , 2018, 2018, 1-13.	2.2	9
59	MRP8/14 mediates macrophage efferocytosis through RAGE and Gas6/MFG-E8, and induces polarization via TLR4-dependent pathway. <i>Journal of Cellular Physiology</i> , 2021, 236, 1375-1390.	4.1	9
60	Identification and Characterization of Multiple Myeloma Stem Cell-Like Cells. <i>Cancers</i> , 2021, 13, 3523.	3.7	9
61	Data-independent Acquisition-Based Quantitative Proteomics Analysis Reveals Dynamic Network Profiles during the Macrophage Inflammatory Response. <i>Proteomics</i> , 2020, 20, 1900203.	2.2	8
62	Identification of gene expression and DNA methylation of SERPINA5 and TIMP1 as novel prognostic markers in lower-grade gliomas. <i>PeerJ</i> , 2020, 8, e9262.	2.0	8
63	Tissue engineering ECM-enriched controllable vascularized human microtissue for hair regenerative medicine using a biomimetic developmental approach. <i>Journal of Advanced Research</i> , 2022, 38, 77-89.	9.5	8
64	Plasma microRNA-720 may predict prognosis and diagnosis in glioma patients. <i>Bioscience Reports</i> , 2020, 40, .	2.4	7
65	UBE2E3 regulates cellular senescence and osteogenic differentiation of BMSCs during aging. <i>PeerJ</i> , 2021, 9, e12253.	2.0	7
66	CCR2 and CCR5 promote diclofenac-induced hepatotoxicity in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 287-297.	3.0	6
67	The characteristics and nomogram for primary lung papillary adenocarcinoma. <i>Open Medicine (Poland)</i> , 2020, 15, 92-102.	1.3	6
68	Gut microbiota and drug-induced liver injury: an update. <i>Chinese Medical Journal</i> , 2020, 133, 494-495.	2.3	6
69	Overexpression of GINS4 Is Associated With Tumor Progression and Poor Survival in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 654185.	2.8	6
70	Gut Microbiota and Liver Injury (I) – Acute Liver Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 23-37.	1.6	6
71	Synthesis, antiproliferative evaluation, and structure-activity relationships of novel triazole-isoindoline hybrids bearing 3,4,5-trimethoxyphenyl moiety. <i>Chemical Papers</i> , 2018, 72, 651-659.	2.2	6
72	High-Fat Diet-Induced Fatty Liver Is Associated with Immunosuppressive Response during Sepsis in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	6

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73	Protective Effect of a Novel (2S, 3R, 4S)-Chromene-3-Carboxamide Derivative, Z20 Against Sepsis-Induced Organ Injury. <i>Inflammation</i> , 2020, 43, 1222-1232.	3.8	5
74	A population-based study to predict distant metastasis in patients with renal cell carcinoma. <i>Annals of Palliative Medicine</i> , 2021, 10, 4273-4288.	1.2	5
75	TBC1D16 predicts chemosensitivity and prognosis in adult acute myeloid leukemia (AML) patients. <i>European Journal of Pharmacology</i> , 2021, 895, 173894.	3.5	4
76	Association Between the Tumor Necrosis Factor- $\beta$ -308G/A Gene Polymorphism and HIV-1 Susceptibility: A Meta-Analysis. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 859-865.	1.1	3
77	Association between CYP3A5 genotypes with hypertension in Chinese Han population: A case-control study. <i>Clinical and Experimental Hypertension</i> , 2017, 39, 235-240.	1.3	3
78	Association Between the Interleukin-10-1082G/A, $\gamma$ 592C/A, $\gamma$ 819C/T Gene Polymorphism and HIV-1 Susceptibility: A Meta-Analysis. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 61-67.	1.1	3
79	Enteric dysbiosis, gut barrier and liver disease. <i>Hepatobiliary Surgery and Nutrition</i> , 2018, 7, 38-40.	1.5	3
80	Adjunctive granisetron therapy in patients with sepsis or septic shock (GRANTISS). <i>Medicine (United States)</i> , 2021, 100, 1000000.	1.0	3
81	A novel seven-gene signature as Prognostic Biomarker in Hepatocellular Carcinoma. <i>Journal of Cancer</i> , 2020, 11, 5768-5781.	2.5	3
82	Intestinal epithelial chemokine (C-C motif) ligand 7 overexpression protects against high fat diet-induced obesity and hepatic steatosis in mice. <i>Chinese Medical Journal</i> , 2020, 133, 1805-1814.	2.3	2
83	Retrorsine Cooperates with Gut Microbiota to Promote Hepatic Sinusoidal Obstruction Syndrome by Disrupting the Gut Barrier. <i>Journal of Clinical and Translational Hepatology</i> , 2022, 000, 000-000.	1.4	2
84	Gut Abnormalities: New Insights Into the Pathogenesis of Acetaminophen-Induced Liver Injury?. <i>Hepatology Communications</i> , 2019, 3, 1421-1422.	4.3	1
85	Protein mass spectrometry reveals lycorine exerting anti-multiple-myeloma effect by acting on VDAC2 and causing mitochondrial abnormalities. <i>Biotechnology Letters</i> , 2021, 43, 537-546.	2.2	1
86	Design of two natural deproteinized bovine bone scaffolds and evaluation of the effect of initial cell seeding density on repairing bone defects. <i>Microscopy Research and Technique</i> , 2021, 84, 1612-1620.	2.2	1
87	Diagnostic value of circulating cell-free DNA for renal cell carcinoma: a meta-analysis. <i>Translational Cancer Research</i> , 2021, 10, 2265-2276.	1.0	1
88	Introduction. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 1-10.	1.6	1
89	Association of genetic polymorphisms in genes involved in Ara-C metabolic pathway with chemosensitivity and prognosis of adult acute myeloid leukemia (AML). <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-10-3.	0.0	0
90	<i>Coprococcus catus</i> $\alpha$ -1,4-galactosyltransferase 3. <i>Scientia Sinica Vitae</i> , 2022, , .	0.3	0