Peng An

List of Publications by Year
in descending order

41 papers	2,810 citations	331538 21 h-index	276775 41 g-index
41 all docs	41 docs citations	41 times ranked	3959 citing authors

#	Article	IF	Citations
1	Characterization of ferroptosis in murine models of hemochromatosis. Hepatology, 2017, 66, 449-465.	3.6	426
2	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. Circulation Research, 2020, 127, 486-501.	2.0	377
3	Hepatic transferrin plays a role in systemic iron homeostasis and liver ferroptosis. Blood, 2020, 136, 726-739.	0.6	297
4	Landscape of dietary factors associated with risk of gastric cancer: A systematic review and dose-response meta-analysis of prospective cohort studies. European Journal of Cancer, 2015, 51, 2820-2832.	1.3	187
5	Ferroportin1 deficiency in mouse macrophages impairs iron homeostasis and inflammatory responses. Blood, 2011, 118, 1912-1922.	0.6	185
6	Promises and Challenges of Big Data Computing in Health Sciences. Big Data Research, 2015, 2, 2-11.	2.6	185
7	Auranofin mitigates systemic iron overload and induces ferroptosis via distinct mechanisms. Signal Transduction and Targeted Therapy, 2020, 5, 138.	7.1	148
8	Iron-dependent histone 3 lysine 9 demethylation controls B cell proliferation and humoral immune responses. Nature Communications, 2019, 10, 2935.	5.8	107
9	Metalloreductase Steap3 coordinates the regulation of iron homeostasis and inflammatory responses. Haematologica, 2012, 97, 1826-1835.	1.7	86
10	Ferroportin1 in hepatocytes and macrophages is required for the efficient mobilization of body iron stores in mice. Hepatology, 2012, 56, 961-971.	3.6	86
11	<scp>Q</scp>uantitative association between body mass index and the risk of cancer: <scp>A</scp> global Metaâ€analysis of prospective cohort studies. International Journal of Cancer, 2018, 143, 1595-1603.	2.3	80
12	TMPRSS6, but not TF, TFR2 or BMP2 variants are associated with increased risk of iron-deficiency anemia. Human Molecular Genetics, 2012, 21, 2124-2131.	1.4	73
13	Associations between Ionomic Profile and Metabolic Abnormalities in Human Population. PLoS ONE, 2012, 7, e38845.	1.1	69
14	Sex-Specific Association of Circulating Ferritin Level and Risk of Type 2 Diabetes: A Dose-Response Meta-Analysis of Prospective Studies. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4539-4551.	1.8	62
15	Association of TMPRSS6 polymorphisms with ferritin, hemoglobin, and type 2 diabetes risk in a Chinese Han population. American Journal of Clinical Nutrition, 2012, 95, 626-632.	2.2	53
16	Transferrin Receptor Controls AMPA Receptor Trafficking Efficiency and Synaptic Plasticity. Scientific Reports, 2016, 6, 21019.	1.6	43
17	Associations between serum hepcidin, ferritin and Hb concentrations and type 2 diabetes risks in a Han Chinese population. British Journal of Nutrition, 2013, 110, 2180-2185.	1.2	35
18	Screening Identifies the Chinese Medicinal Plant Caulis Spatholobi as an Effective HAMP Expression Inhibitor1â€“3. Journal of Nutrition, 2013, 143, 1061-1066.	1.3	27

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19	The dietary flavonoid myricetin regulates iron homeostasis by suppressing hepcidin expression. Journal of Nutritional Biochemistry, 2016, 30, 53-61.	1.9	27
20	Integrated genetic analyses revealed novel human longevity loci and reduced risks of multiple diseases in a cohort study of 15,651 Chinese individuals. Aging Cell, 2021, 20, e13323.	3.0	27
21	Mitochondrial Metal Ion Transport in Cell Metabolism and Disease. International Journal of Molecular Sciences, 2021, 22, 7525.	1.8	26
22	Iron overload in hereditary tyrosinemia type 1 induces liver injury through the Sp1/Tfr2/hepcidin axis. Journal of Hepatology, 2016, 65, 137-145.	1.8	22
23	Serum ferritin in combination with prostate-specific antigen improves predictive accuracy for prostate cancer. Oncotarget, 2017, 8, 17862-17872.	0.8	20
24	HJV and HFE Play Distinct Roles in Regulating Hepcidin. Antioxidants and Redox Signaling, 2015, 22, 1325-1336.	2.5	19
25	Cardiomyocyte-specific deletion of ferroportin using MCK-Cre has no apparent effect on cardiac iron homeostasis. International Journal of Cardiology, 2015, 201, 90-92.	0.8	16
26	Smad7 deficiency decreases iron and haemoglobin through hepcidin upâ€regulation by multilayer compensatory mechanisms. Journal of Cellular and Molecular Medicine, 2018, 22, 3035-3044.	1.6	16
27	Comparative Effects between Oral Lactoferrin and Ferrous Sulfate Supplementation on Iron-Deficiency Anemia: A Comprehensive Review and Meta-Analysis of Clinical Trials. Nutrients, 2022, 14, 543.	1.7	16
28	Black soyabean seed coat extract regulates iron metabolism by inhibiting the expression of hepcidin. British Journal of Nutrition, 2014, 111, 1181-1189.	1.2	15
29	A gene-based recessive diplotype exome scan discovers FGF6, a novel hepcidin-regulating iron-metabolism gene. Blood, 2019, 133, 1888-1898.	0.6	14
30	Hemojuvelin regulates the innate immune response to peritoneal bacterial infection in mice. Cell Discovery, 2017, 3, 17028.	3.1	11
31	Identification of hereditary hemochromatosis pedigrees and a novel SLC40A1 mutation in Chinese population. Blood Cells, Molecules, and Diseases, 2017, 63, 34-36.	0.6	8
32	The Regulatory Roles of Mitochondrial Calcium and the Mitochondrial Calcium Uniporter in Tumor Cells. International Journal of Molecular Sciences, 2022, 23, 6667.	1.8	8
33	Elevated serum transaminase activities were associated with increased serum levels of iron regulatory hormone hepcidin and hyperferritinemia risk. Scientific Reports, 2015, 5, 13106.	1.6	6
34	Effects of dietary polyphenol supplementation on iron status and erythropoiesis: a systematic review and meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition, 2021, 114, 780-793.	2.2	6
35	Natural Polysaccharide Î²-Glucan Protects against Doxorubicin-Induced Cardiotoxicity by Suppressing Oxidative Stress. Nutrients, 2022, 14, 906.	1.7	6
36	Expanding TOR Complex 2 Signaling: Emerging Regulators and New Connections. Frontiers in Cell and Developmental Biology, 2021, 9, 713806.	1.8	5

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37	A MALDI-TOF mass spectrometry-based haemoglobin chain quantification method for rapid screen of thalassaemia. Annals of Medicine, 2022, 54, 293-301.	1.5	5
38	Gnpat does not play an essential role in systemic iron homeostasis in murine model. Journal of Cellular and Molecular Medicine, 2020, 24, 4118-4126.	1.6	4
39	Plasma proteome profiling combined with clinical and genetic features reveals the pathophysiological characteristics of Î²-thalassemia. IScience, 2022, 25, 104091.	1.9	4
40	Fine-Mapping and Genetic Analysis of the Loci Affecting Hepatic Iron Overload in Mice. PLoS ONE, 2013, 8, e63280.	1.1	2
41	The Value of miR-296 and miR-517c in Evaluating the Prognosis of Patients with Glioma after Radiotherapy and Chemotherapy. Journal of Oncology, 2021, 2021, 1-7.	0.6	1