Fudi Wang

List of Publications by Year
in descending order

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198 papers	13,524 citations	22153 59 h-index	27406 106 g-index
217 all docs	217 docs citations	217 times ranked	17221 citing authors

#	Article	IF	Citations
1	The molecular and metabolic landscape of iron and ferroptosis in cardiovascular disease. Nature Reviews Cardiology, 2023, 20, 7-23.	13.7	230
2	A Genome-Wide Scan on Individual Typology AngleÂFound Variants at SLC24A2 Associated withÂSkin Color Variation in Chinese Populations. Journal of Investigative Dermatology, 2022, 142, 1223-1227.e14.	0.7	6
3	The multifaceted role of ferroptosis in liver disease. Cell Death and Differentiation, 2022, 29, 467-480.	11.2	214
4	Ferroptosis and metabolic dysfunctionâ€associated fatty liver disease: Is there a link?. Liver International, 2022, 42, 1496-1502.	3.9	25
5	Opioid receptor signaling suppresses leukemia through both catalytic and non-catalytic functions of TET2. Cell Reports, 2022, 38, 110253.	6.4	6
6	Letter by Wang et al Regarding Article, â€œHINT1 (Histidine Triad Nucleotide-Binding Protein 1) Attenuates Cardiac Hypertrophy Via Suppressing HOXA5 (Homeobox A5) Expressionâ€• Circulation, 2022, 145, e149-e150.	1.6	0
7	Heat Treatment Promotes Ubiquitin-Mediated Proteolysis of SARS-CoV-2 RNA Polymerase and Decreases Viral Load. Research, 2022, 2022, 9802969.	5.7	11
8	ACSL4 contributes to ferroptosisâ€mediated rhabdomyolysis in exertional heat stroke. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1717-1730.	7.3	40
9	The structure of erastin-bound xCTâ€“4F2hc complexÂreveals molecular mechanisms underlying erastin-induced ferroptosis. Cell Research, 2022, 32, 687-690.	12.0	48
10	Plasma proteome profiling combined with clinical and genetic features reveals the pathophysiological characteristics of Î²-thalassemia. IScience, 2022, 25, 104091.	4.1	4
11	Causal Associations of Circulating Lipids with Osteoarthritis: A Bidirectional Mendelian Randomization Study. Nutrients, 2022, 14, 1327.	4.1	14
12	Targeting the LSD1-G9a-ER Stress Pathway as a Novel Therapeutic Strategy for Esophageal Squamous Cell Carcinoma. Research, 2022, 2022, .	5.7	5
13	HFE inhibits type I IFNs signaling by targeting the SQSTM1-mediated MAVS autophagic degradation. Autophagy, 2021, 17, 1962-1977.	9.1	31
14	Short communication: Effects of dietary deoiled soy lecithin supplementation on circulating choline and choline metabolites, and the plasma phospholipid profile in Holstein cows fed palm fat. Journal of Dairy Science, 2021, 104, 1838-1845.	3.4	7
15	Deletion of ferritin H in neurons counteracts the protective effect of melatonin against traumatic brain injuryâ€induced ferroptosis. Journal of Pineal Research, 2021, 70, e12704.	7.4	102
16	Loss of ferroportin induces memory impairment by promoting ferroptosis in Alzheimerâ€™s disease. Cell Death and Differentiation, 2021, 28, 1548-1562.	11.2	275
17	Metabolomic analysis of plasma from normalâ€weight adults with hypoâ€HDL cholesterolemia by UPLCâ€“QTOF MS. Biomedical Chromatography, 2021, 35, e5073.	1.7	0
18	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.	6.7	27

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19	RNF217 regulates iron homeostasis through its E3 ubiquitin ligase activity by modulating ferroportin degradation. Blood, 2021, 138, 689-705.	1.4	56
20	The N <scp>6</scp>-methyladenosine RNA-binding protein YTHDF1 modulates the translation of TRAF6 to mediate the intestinal immune response. Nucleic Acids Research, 2021, 49, 5537-5552.	14.5	74
21	Genetic Support of A Causal Relationship Between Iron Status and Type 2 Diabetes: A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4641-e4651.	3.6	82
22	DHODH tangoing with GPX4 on the ferroptotic stage. Signal Transduction and Targeted Therapy, 2021, 6, 244.	17.1	28
23	GPX4 and vitamin E cooperatively protect hematopoietic stem and progenitor cells from lipid peroxidation and ferroptosis. Cell Death and Disease, 2021, 12, 706.	6.3	71
24	Manganese homeostasis at the host-pathogen interface and in the host immune system. Seminars in Cell and Developmental Biology, 2021, 115, 45-53.	5.0	19
25	Analysis of factors influencing patch test reactions: Results from a largeâ€•populationâ€based study in Chinese. Journal of Cosmetic Dermatology, 2021, , .	1.6	2
26	Discovery of lipid profiles of type 2 diabetes associated with hyperlipidemia using untargeted UPLC Q-TOF/MS-based lipidomics approach. Clinica Chimica Acta, 2021, 520, 53-62.	1.1	12
27	Metal transporter Slc30a1 controls pharyngeal neural crest differentiation via the zincâ€Snai2â€Jag1 cascade. MedComm, 2021, 2, 778-797.	7.2	4
28	The role of iron homeostasis in remodeling immune function and regulating inflammatory disease. Science Bulletin, 2021, 66, 1806-1816.	9.0	59
29	Ferroptosis: an emerging player in immune cells. Science Bulletin, 2021, 66, 2257-2260.	9.0	46
30	Abdominal obesity and risk of CVD: a doseâ€“response meta-analysis of thirty-one prospective studies. British Journal of Nutrition, 2021, 126, 1420-1430.	2.3	27
31	Analysis of factors influencing skin reactions to sunscreens, skin whitening products, and deodorants: Results from a largeâ€scale patch test dataset in China. Journal of Cosmetic Dermatology, 2021, , .	1.6	0
32	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. Science Advances, 2021, 7, eabl5862.	10.3	17
33	IÎºB kinase Î±: an independent prognostic factor that promotes the migration and invasion of oral squamous cell carcinoma. British Journal of Oral and Maxillofacial Surgery, 2020, 58, 296-303.	0.8	3
34	Biomarkers of environmental manganese exposure and associations with childhood neurodevelopment: a systematic review and meta-analysis. Environmental Health, 2020, 19, 104.	4.0	47
35	Targeting miRâ€124/Ferroportin signaling ameliorated neuronal cell death through inhibiting apoptosis and ferroptosis in aged intracerebral hemorrhage murine model. Aging Cell, 2020, 19, e13235.	6.7	97
36	Iron accumulation in macrophages promotes the formation of foam cells and development of atherosclerosis. Cell and Bioscience, 2020, 10, 137.	4.8	33

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37	Auranofin mitigates systemic iron overload and induces ferroptosis via distinct mechanisms. Signal Transduction and Targeted Therapy, 2020, 5, 138.	17.1	148
38	Slc39a5-mediated zinc homeostasis plays an essential role in venous angiogenesis in zebrafish. Open Biology, 2020, 10, 200281.	3.6	9
39	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. Circulation Research, 2020, 127, 486-501.	4.5	377
40	Chicory fibre improves reproductive performance of pregnant rats involving in altering intestinal microbiota composition. Journal of Applied Microbiology, 2020, 129, 1693-1705.	3.1	7
41	Hepatic transferrin plays a role in systemic iron homeostasis and liver ferroptosis. Blood, 2020, 136, 726-739.	1.4	297
42	Transferrin receptor 1-mediated iron uptake plays an essential role in hematopoiesis. Haematologica, 2020, 105, 2071-2082.	3.5	53
43	Thermogenesis: Transferrin Receptor 1 Regulates Thermogenic Capacity and Cell Fate in Brown/Beige Adipocytes (Adv. Sci. 12/2020). Advanced Science, 2020, 7, 2070066.	11.2	0
44	Dietary Intake of Homocysteine Metabolism-Related B-Vitamins and the Risk of Stroke: A Dose-Response Meta-Analysis of Prospective Studies. Advances in Nutrition, 2020, 11, 1510-1528.	6.4	24
45	Dietary intake of heme iron is Associated With Increased Cardiovascular Disease Risk: Reply to Dr. Bitterman. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1053-1055.	2.6	2
46	Gnpat does not play an essential role in systemic iron homeostasis in murine model. Journal of Cellular and Molecular Medicine, 2020, 24, 4118-4126.	3.6	4
47	Rewiring ERBB3 and ERK signaling confers resistance to FGFR1 inhibition in gastrointestinal cancer harbored an ERBB3-E928G mutation. Protein and Cell, 2020, 11, 915-920.	11.0	5
48	Identification of factors associated with minimal erythema dose variations in a largeâ€scale population study of 22Â146 subjects. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 1595-1600.	2.4	11
49	Transferrin Receptor 1 Regulates Thermogenic Capacity and Cell Fate in Brown/Beige Adipocytes. Advanced Science, 2020, 7, 1903366.	11.2	46
50	Genetic regulatory subnetworks and key regulating genes in rat hippocampus perturbed by prenatal malnutrition: implications for major brain disorders. Aging, 2020, 12, 8434-8458.	3.1	63
51	Comorbid Chronic Diseases and Acute Organ Injuries Are Strongly Correlated with Disease Severity and Mortality among COVID-19 Patients: A Systemic Review and Meta-Analysis. Research, 2020, 2020, 2402961.	5.7	242
52	Iron status is linked to disease severity after avian influenza virus H7N9 infection. Asia Pacific Journal of Clinical Nutrition, 2020, 29, 593-602.	0.4	3
53	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.	3.6	62
54	Iron-dependent histone 3 lysine 9 demethylation controls B cell proliferation and humoral immune responses. Nature Communications, 2019, 10, 2935.	12.8	107

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55	Ferroptosis as a target for protection against cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2672-2680.	7.1	1,174
56	Zinc supplementation improves glycemic control for diabetes prevention and management: a systematic review and meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition, 2019, 110, 76-90.	4.7	96
57	Hemojuvelin is a novel suppressor for Duchenne muscular dystrophy and ageâ€related muscle wasting. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 557-573.	7.3	19
58	A gene-based recessive diplotype exome scan discovers FGF6, a novel hepcidin-regulating iron-metabolism gene. Blood, 2019, 133, 1888-1898.	1.4	14
59	New thiazolidinones reduce iron overload in mouse models of hereditary hemochromatosis and Î²-thalassemia. Haematologica, 2019, 104, 1768-1781.	3.5	24
60	Centrosomal protein FOR20 is essential for ciliaâ€dependent development in zebrafish embryos. FASEB Journal, 2019, 33, 3613-3622.	0.5	20
61	Attenuation of maternal weight gain impacts infant birthweight: systematic review and meta-analysis. Journal of Developmental Origins of Health and Disease, 2019, 10, 387-405.	1.4	14
62	Functional characterization of a potent anti-tumor polysaccharide in a mouse model of gastric cancer. Life Sciences, 2019, 219, 11-19.	4.3	16
63	Adaptive Jamming Waveform Design for Distributed Multipleâ€Radar Architectures Based on Low Probability of Intercept. Radio Science, 2019, 54, 72-90.	1.6	12
64	The zinc transporter Slc39a5 controls glucose sensing and insulin secretion in pancreatic Î²-cells via Sirt1- and Pgc-1Î±-mediated regulation of Glut2. Protein and Cell, 2019, 10, 436-449.	11.0	32
65	Co-expression network analysis identified hub genes critical to triglyceride and free fatty acid metabolism as key regulators of age-related vascular dysfunction in mice. Aging, 2019, 11, 7620-7638.	3.1	56
66	Advances in iron homeostasis and ferromagnetic nanoparticles. Chinese Science Bulletin, 2019, 64, 788-801.	0.7	0
67	Role of iron overload and ferroptosis in heart disease. Chinese Science Bulletin, 2019, 64, 2974-2987.	0.7	4
68	<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.	5.1	80
69	CramÃ©râ€Rao Lower Bounds for Joint Target Parameter Estimation in FMâ€Based Distributed Passive Radar Network with Antenna Arrays. Radio Science, 2018, 53, 314-333.	1.6	4
70	Smad7 deficiency decreases iron and haemoglobin through hepcidin upâ€regulation by multilayer compensatory mechanisms. Journal of Cellular and Molecular Medicine, 2018, 22, 3035-3044.	3.6	16
71	Zinc supplementation plays a crucial role in T helper 9 differentiation in allogeneic immune reactions and non-activated T cells. Journal of Trace Elements in Medicine and Biology, 2018, 50, 482-488.	3.0	33
72	Effects of supplementing sow diets with fermented corn and soybean meal mixed feed during lactation on the performance of sows and progeny. Journal of Animal Science, 2018, 96, 206-214.	0.5	25

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73	HDAC1 Governs Iron Homeostasis Independent of Histone Deacetylation in Iron-Overload Murine Models. Antioxidants and Redox Signaling, 2018, 28, 1224-1237.	5.4	17
74	The Intracellular Free Zinc Level Is Vital for Treg Function and a Feasible Tool to Discriminate between Treg and Activated Th Cells. International Journal of Molecular Sciences, 2018, 19, 3575.	4.1	8
75	Adenine alleviates iron overload by cAMP/PKA mediated hepatic hepcidin in mice. Journal of Cellular Physiology, 2018, 233, 7268-7278.	4.1	8
76	The Role of Zinc and Zinc Homeostasis in Macrophage Function. Journal of Immunology Research, 2018, 2018, 1-11.	2.2	97
77	PSXIV-42 Effect of a corn-soybean meal mixed feed fermented with Bacillus subtilis and Enterococcus faecium on intestinal morphrage, digestive function and flora of piglets.. Journal of Animal Science, 2018, 96, 42-42.	0.5	0
78	Distinct Iron Deposition Profiles of Liver Zones in Various Models with Iron Homeostasis Disorders. Advanced Science, 2018, 5, 1800866.	11.2	4
79	Islr regulates canonical Wnt signaling-mediated skeletal muscle regeneration by stabilizing Dishevelled-2 and preventing autophagy. Nature Communications, 2018, 9, 5129.	12.8	64
80	Association of Levels of Physical Activity With Risk of Parkinson Disease. JAMA Network Open, 2018, 1, e182421.	5.9	94
81	A dose-response association between serum ferritin and metabolic syndrome?. Atherosclerosis, 2018, 279, 130-131.	0.8	6
82	Manganese causes neurotoxic iron accumulation via translational repression of amyloid precursor protein and Hâ€Ferritin. Journal of Neurochemistry, 2018, 147, 831-848.	3.9	52
83	Comparison of Intraoral Bone Regeneration with Iliac and Alveolar BMSCs. Journal of Dental Research, 2018, 97, 1229-1235.	5.2	22
84	The embryonic and evolutionary boundaries between notochord and cartilage: a new look at nucleus pulposus-specific markers. Osteoarthritis and Cartilage, 2018, 26, 1274-1282.	1.3	14
85	Increased total iron and zinc intake and lower heme iron intake reduce the risk of esophageal cancer: A dose-response meta-analysis. Nutrition Research, 2018, 59, 16-28.	2.9	22
86	Physiological functions of ferroportin in the regulation of renal iron recycling and ischemic acute kidney injury. American Journal of Physiology - Renal Physiology, 2018, 315, F1042-F1057.	2.7	31
87	Intake of Dietary One-Carbon Metabolism-Related B Vitamins and the Risk of Esophageal Cancer: A Dose-Response Meta-Analysis. Nutrients, 2018, 10, 835.	4.1	18
88	Joint Transmitter Selection and Resource Management Strategy Based on Low Probability of Intercept Optimization for Distributed Radar Networks. Radio Science, 2018, 53, 1108-1134.	1.6	30
89	Ferritin cage for encapsulation and delivery of bioactive nutrients: From structure, property to applications. Critical Reviews in Food Science and Nutrition, 2017, 57, 3673-3683.	10.3	64
90	Identification of hereditary hemochromatosis pedigrees and a novel SLC40A1 mutation in Chinese population. Blood Cells, Molecules, and Diseases, 2017, 63, 34-36.	1.4	8

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91	Characterization of ferroptosis in murine models of hemochromatosis. Hepatology, 2017, 66, 449-465.	7.3	426
92	Modified CramÃ©râ€Rao lower bounds for joint position and velocity estimation of a Rician target in OFDMâ€based passive radar networks. Radio Science, 2017, 52, 15-33.	1.6	10
93	VPS34 Acetylation Controls Its Lipid Kinase Activity and the Initiation of Canonical and Non-canonical Autophagy. Molecular Cell, 2017, 67, 907-921.e7.	9.7	110
94	Hemojuvelin regulates the innate immune response to peritoneal bacterial infection in mice. Cell Discovery, 2017, 3, 17028.	6.7	11
95	Twa1/Gid8 is a Î²-catenin nuclear retention factor in Wnt signaling and colorectal tumorigenesis. Cell Research, 2017, 27, 1422-1440.	12.0	44
96	Microtubule-binding protein FOR20 promotes microtubule depolymerization and cell migration. Cell Discovery, 2017, 3, 17032.	6.7	16
97	Tackling iron deficiency in infants: galacto-oligosaccharides may be up to the task. American Journal of Clinical Nutrition, 2017, 106, 967-968.	4.7	3
98	Manganese transporter Slc39a14 deficiency revealed its key role in maintaining manganese homeostasis in mice. Cell Discovery, 2017, 3, 17025.	6.7	87
99	Psychological adjustment and behaviours in children of migrant workers in China. Child: Care, Health and Development, 2017, 43, 884-890.	1.7	29
100	Metal transporter Slc39a10 regulates susceptibility to inflammatory stimuli by controlling macrophage survival. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12940-12945.	7.1	55
101	Cooperative game-theoretic power allocation algorithm for target detection in radar network. , 2017, , .		1
102	Antioxidants Mediate Both Iron Homeostasis and Oxidative Stress. Nutrients, 2017, 9, 671.	4.1	141
103	Peroxisome Proliferator-Activated Receptor Gamma (PPARÎ³) as a Target for Concurrent Management of Diabetes and Obesity-Related Cancer. Current Pharmaceutical Design, 2017, 23, 3677-3688.	1.9	39
104	Zebrafish slc30a10 deficiency revealed a novel compensatory mechanism of Atp2c1 in maintaining manganese homeostasis. PLoS Genetics, 2017, 13, e1006892.	3.5	35
105	Suppression of Sirt1 sensitizes lung cancer cells to WEE1 inhibitor MK-1775-induced DNA damage and apoptosis. Oncogene, 2017, 36, 6863-6872.	5.9	53
106	Serum ferritin in combination with prostate-specific antigen improves predictive accuracy for prostate cancer. Oncotarget, 2017, 8, 17862-17872.	1.8	20
107	Dietary intake of heme iron and body iron status are associated with the risk of gestational diabetes mellitus: a systematic review and meta-analysis. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 1092-1106.	0.4	17
108	Transferrin receptor facilitates TGF-Î² and BMP signaling activation to control craniofacial morphogenesis. Cell Death and Disease, 2016, 7, e2282-e2282.	6.3	19

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109	Conversion of the Native 24â€mer Ferritin Nanocage into Its Nonâ€Native 16â€mer Analogue by Insertion of Extra Amino Acid Residues. Angewandte Chemie, 2016, 128, 16298-16304.	2.0	3
110	Dietary magnesium intake and the risk of cardiovascular disease, type 2 diabetes, and all-cause mortality: a doseâ€“response meta-analysis of prospective cohort studies. BMC Medicine, 2016, 14, 210.	5.5	167
111	Transferrin Receptor Controls AMPA Receptor Trafficking Efficiency and Synaptic Plasticity. Scientific Reports, 2016, 6, 21019.	3.3	43
112	Nanomolar Hg²⁺ Detection Using Î²-Lactoglobulin-Stabilized Fluorescent Gold Nanoclusters in Beverage and Biological Media. Analytical Chemistry, 2016, 88, 10275-10283.	6.5	89
113	Role of atopy in chronic rhinosinusitis with nasal polyps: does an atopic condition affect the severity and recurrence of disease?. Journal of Laryngology and Otology, 2016, 130, 640-644.	0.8	19
114	Conversion of the Native 24â€mer Ferritin Nanocage into Its Nonâ€Native 16â€mer Analogue by Insertion of Extra Amino Acid Residues. Angewandte Chemie - International Edition, 2016, 55, 16064-16070.	13.8	33
115	Iron overload in hereditary tyrosinemia type 1 induces liver injury through the Sp1/Tfr2/hepcidin axis. Journal of Hepatology, 2016, 65, 137-145.	3.7	22
116	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. Nature Medicine, 2016, 22, 945-951.	30.7	333
117	Selenium Exposure and Cancer Risk: an Updated Meta-analysis and Meta-regression. Scientific Reports, 2016, 6, 19213.	3.3	154
118	Hypoxia regulates sumoylation pathways in intervertebral disc cells: implications for hypoxic adaptations. Osteoarthritis and Cartilage, 2016, 24, 1113-1124.	1.3	18
119	The dietary flavonoid myricetin regulates iron homeostasis by suppressing hepcidin expression. Journal of Nutritional Biochemistry, 2016, 30, 53-61.	4.2	27
120	The hemeâ€“p53 interaction: Linking iron metabolism to p53 signaling and tumorigenesis. Molecular and Cellular Oncology, 2016, 3, e965642.	0.7	9
121	Aging and age related stresses: a senescence mechanism of intervertebral disc degeneration. Osteoarthritis and Cartilage, 2016, 24, 398-408.	1.3	306
122	xCT increases tuberculosis susceptibility by regulating antimicrobial function and inflammation. Oncotarget, 2016, 7, 31001-31013.	1.8	24
123	Elevated serum transaminase activities were associated with increased serum levels of iron regulatory hormone hepcidin and hyperferritinemia risk. Scientific Reports, 2015, 5, 13106.	3.3	6
124	Obesity and iron deficiency: a quantitative metaâ€analysis. Obesity Reviews, 2015, 16, 1081-1093.	6.5	184
125	Promises and Challenges of Big Data Computing in Health Sciences. Big Data Research, 2015, 2, 2-11.	4.2	185
126	Dietary intake of heme iron and risk of cardiovascular disease: AÂdoseâ€“response meta-analysis of prospective cohort studies. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 24-35.	2.6	75

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127	HJV and HFE Play Distinct Roles in Regulating Hepcidin. Antioxidants and Redox Signaling, 2015, 22, 1325-1336.	5.4	19
128	Carbohydrate Intake, Glycemic Index, Glycemic Load, and Stroke. Asia-Pacific Journal of Public Health, 2015, 27, 486-496.	1.0	30
129	Kinetic Modeling of Nitric Oxide Sensitization ofn-heptane Auto-ignition and Combustion. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 997-1004.	2.3	2
130	Estrogen contributes to regulating iron metabolism through governing ferroportin signaling via an estrogen response element. Cellular Signalling, 2015, 27, 934-942.	3.6	37
131	Cardiomyocyte-specific deletion of ferroportin using MCK-Cre has no apparent effect on cardiac iron homeostasis. International Journal of Cardiology, 2015, 201, 90-92.	1.7	16
132	Effects of upregulation of Id3 in human lung adenocarcinoma cells on proliferation, apoptosis, mobility and tumorigenicity. Cancer Gene Therapy, 2015, 22, 431-437.	4.6	13
133	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.	2.8	187
134	Pleiotropic actions of iron balance in diabetes mellitus. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 15-23.	5.7	43
135	Maternal lead exposure and risk of congenital heart defects occurrence in offspring. Reproductive Toxicology, 2015, 51, 1-6.	2.9	47
136	Fabrication and mechanical properties of Al2O3/TiAl in situ composites doped with Nb2O5. Science of Sintering, 2015, 47, 311-317.	1.4	3
137	Angiotensin II type 1 receptor gene A1166C polymorphism and breast cancer susceptibility. Genetics and Molecular Research, 2015, 14, 15016-15023.	0.2	4
138	Bmp6 Expression Can Be Regulated Independently of Liver Iron in Mice. PLoS ONE, 2014, 9, e84906.	2.5	11
139	Black soyabean seed coat extract regulates iron metabolism by inhibiting the expression of hepcidin. British Journal of Nutrition, 2014, 111, 1181-1189.	2.3	15
140	Akt-mediated transforming growth factor-Î²1-induced epithelialâ€“mesenchymal transition in cultured human esophageal squamous cancer cells. Cancer Gene Therapy, 2014, 21, 238-245.	4.6	9
141	Rheological and structural properties of differently acidified and renneted milk gels. Journal of Dairy Science, 2014, 97, 3292-3299.	3.4	37
142	Iron Metabolism Regulates p53 Signaling through Direct Heme-p53 Interaction and Modulation of p53 Localization, Stability, and Function. Cell Reports, 2014, 7, 180-193.	6.4	170
143	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. Nature Communications, 2014, 5, 4926.	12.8	192
144	Perturbed Iron Distribution in Alzheimer's Disease Serum, Cerebrospinal Fluid, and Selected Brain Regions: A Systematic Review and Meta-Analysis. Journal of Alzheimer's Disease, 2014, 42, 679-690.	2.6	108

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145	<scp>MBD</scp>5 regulates iron metabolism via methylationâ€independent genomic targeting of Fth1 through <scp>KAT</scp>2A in mice. British Journal of Haematology, 2014, 166, 279-291.	2.5	28
146	Oral administration with attenuated Salmonella encoding a Trichinella cystatin-like protein elicited host immunity. Experimental Parasitology, 2014, 141, 1-11.	1.2	25
147	Zebrafish in the sea of mineral (iron, zinc, and copper) metabolism. Frontiers in Pharmacology, 2014, 5, 33.	3.5	70
148	HFE interacts with the BMP type I receptor ALK3 to regulate hepcidin expression. Blood, 2014, 124, 1335-1343.	1.4	110
149	Resveratrol is Neuroprotective and Improves Cognition in Pentylenetetrazole-kindling Model of Epilepsy in Rats. Indian Journal of Pharmaceutical Sciences, 2014, 76, 125-31.	1.0	20
150	Characterization of the GufA subfamily member SLC39A11/Zip11 as a zinc transporter. Journal of Nutritional Biochemistry, 2013, 24, 1697-1708.	4.2	66
151	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.	2.3	35
152	Screening Identifies the Chinese Medicinal Plant Caulis Spatholobi as an Effective HAMP Expression Inhibitor1â€“3. Journal of Nutrition, 2013, 143, 1061-1066.	2.9	27
153	Association between the c.910A>G genetic variant of the XRCC1 gene and susceptibility to esophageal cancer in the Chinese Han population. Brazilian Journal of Medical and Biological Research, 2013, 46, 1028-1032.	1.5	2
154	Fine-Mapping and Genetic Analysis of the Loci Affecting Hepatic Iron Overload in Mice. PLoS ONE, 2013, 8, e63280.	2.5	2
155	Higher Blood 25(OH)D Level May Reduce the Breast Cancer Risk: Evidence from a Chinese Population Based Case-Control Study and Meta-Analysis of the Observational Studies. PLoS ONE, 2013, 8, e49312.	2.5	53
156	Metalloreductase Steap3 coordinates the regulation of iron homeostasis and inflammatory responses. Haematologica, 2012, 97, 1826-1835.	3.5	86
157	TMPRSS6, but not TF, TFR2 or BMP2 variants are associated with increased risk of iron-deficiency anemia. Human Molecular Genetics, 2012, 21, 2124-2131.	2.9	73
158	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.	4.7	53
159	Promotion of vesicular zinc efflux by ZIP13 and its implications for spondylocheiro dysplastic Ehlersâ€“Danlos syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3530-8.	7.1	98
160	Ferroportin1 in hepatocytes and macrophages is required for the efficient mobilization of body iron stores in mice. Hepatology, 2012, 56, 961-971.	7.3	86
161	Effects of methionine hydroxy copper supplementation on lactation performance, nutrient digestibility, and blood biochemical parameters in lactating cows. Journal of Dairy Science, 2012, 95, 5813-5820.	3.4	7
162	Slc39a7/zip7 Plays a Critical Role in Development and Zinc Homeostasis in Zebrafish. PLoS ONE, 2012, 7, e42939.	2.5	37

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163	Effect of alternating voltage treatment on corrosion resistance of AZ91D magnesium alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2012, 63, 505-516.	1.5	10
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