

# Fudi Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

198  
papers

13,524  
citations

22099

59  
h-index

27345

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. <i>Nature Reviews Cardiology</i> , 2023, 20, 7-23.   | 6.1 | 230       |
| 2  | A Genome-Wide Scan on Individual Typology Angle-Found Variants at SLC24A2 Associated with Skin Color Variation in Chinese Populations. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1223-1227.e14.  | 0.3 | 6         |
| 3  | The multifaceted role of ferroptosis in liver disease. <i>Cell Death and Differentiation</i> , 2022, 29, 467-480.   | 5.0 | 214       |
| 4  | Ferroptosis and metabolic dysfunction-associated fatty liver disease: Is there a link?. <i>Liver International</i> , 2022, 42, 1496-1502.   | 1.9 | 25        |
| 5  | Opioid receptor signaling suppresses leukemia through both catalytic and non-catalytic functions of TET2. <i>Cell Reports</i> , 2022, 38, 110253.   | 2.9 | 6         |
| 6  | Letter by Wang et al Regarding Article, "HINT1 (Histidine Triad Nucleotide-Binding Protein 1) Attenuates Cardiac Hypertrophy Via Suppressing HOXA5 (Homeobox A5) Expression". <i>Circulation</i> , 2022, 145, e149-e150.                                | 1.6 | 0         |
| 7  | Heat Treatment Promotes Ubiquitin-Mediated Proteolysis of SARS-CoV-2 RNA Polymerase and Decreases Viral Load. <i>Research</i> , 2022, 2022, 9802969.  | 2.8 | 11        |
| 8  | ACSL4 contributes to ferroptosis-mediated rhabdomyolysis in exertional heat stroke. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1717-1730.  | 2.9 | 40        |
| 9  | The structure of erastin-bound xCT <sup>hc</sup> complex reveals molecular mechanisms underlying erastin-induced ferroptosis. <i>Cell Research</i> , 2022, 32, 687-690.   | 5.7 | 48        |
| 10 | Plasma proteome profiling combined with clinical and genetic features reveals the pathophysiological characteristics of $\beta$ -thalassemia. <i>IScience</i> , 2022, 25, 104091.   | 1.9 | 4         |
| 11 | Causal Associations of Circulating Lipids with Osteoarthritis: A Bidirectional Mendelian Randomization Study. <i>Nutrients</i> , 2022, 14, 1327.  | 1.7 | 14        |
| 12 | Targeting the LSD1-G9a-ER Stress Pathway as a Novel Therapeutic Strategy for Esophageal Squamous Cell Carcinoma. <i>Research</i> , 2022, 2022, .  | 2.8 | 5         |
| 13 | HFE inhibits type I IFNs signaling by targeting the SQSTM1-mediated MAVS autophagic degradation. <i>Autophagy</i> , 2021, 17, 1962-1977.  | 4.3 | 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. <i>Journal of Dairy Science</i> , 2021, 104, 1838-1845. | 1.4 | 7         |
| 15 | Deletion of <i>ferritin H</i> in neurons counteracts the protective effect of melatonin against traumatic brain injury-induced ferroptosis. <i>Journal of Pineal Research</i> , 2021, 70, e12704.   | 3.4 | 102       |
| 16 | Loss of ferroportin induces memory impairment by promoting ferroptosis in Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2021, 28, 1548-1562.   | 5.0 | 275       |
| 17 | Metabolomic analysis of plasma from normal-weight adults with hypo-HDL cholesterolemia by UPLC-QTOF MS. <i>Biomedical Chromatography</i> , 2021, 35, e5073.   | 0.8 | 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. <i>Aging Cell</i> , 2021, 20, e13323.   | 3.0 | 27        |

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|----|---|-----|-----------|
| 19 | RNF217 regulates iron homeostasis through its E3 ubiquitin ligase activity by modulating ferroportin degradation. <i>Blood</i> , 2021, 138, 689-705.  | 0.6 | 56        |
| 20 | The N <sup>6</sup> -methyladenosine RNA-binding protein YTHDF1 modulates the translation of TRAF6 to mediate the intestinal immune response. <i>Nucleic Acids Research</i> , 2021, 49, 5537-5552.                 | 6.5 | 74        |
| 21 | Genetic Support of A Causal Relationship Between Iron Status and Type 2 Diabetes: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4641-e4651.              | 1.8 | 82        |
| 22 | DHODH tangoing with GPX4 on the ferroptotic stage. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 244.  | 7.1 | 28        |
| 23 | GPX4 and vitamin E cooperatively protect hematopoietic stem and progenitor cells from lipid peroxidation and ferroptosis. <i>Cell Death and Disease</i> , 2021, 12, 706.  | 2.7 | 71        |
| 24 | Manganese homeostasis at the host-pathogen interface and in the host immune system. <i>Seminars in Cell and Developmental Biology</i> , 2021, 115, 45-53.   | 2.3 | 19        |
| 25 | Analysis of factors influencing patch test reactions: Results from a large population-based study in Chinese. <i>Journal of Cosmetic Dermatology</i> , 2021, , .  | 0.8 | 2         |
| 26 | Discovery of lipid profiles of type 2 diabetes associated with hyperlipidemia using untargeted UPLC Q-TOF/MS-based lipidomics approach. <i>Clinica Chimica Acta</i> , 2021, 520, 53-62.                           | 0.5 | 12        |
| 27 | Metal transporter Slc30a1 controls pharyngeal neural crest differentiation via the zinc-Snai2/Jag1 cascade. <i>MedComm</i> , 2021, 2, 778-797.  | 3.1 | 4         |
| 28 | The role of iron homeostasis in remodeling immune function and regulating inflammatory disease. <i>Science Bulletin</i> , 2021, 66, 1806-1816.  | 4.3 | 59        |
| 29 | Ferroptosis: an emerging player in immune cells. <i>Science Bulletin</i> , 2021, 66, 2257-2260.   | 4.3 | 46        |
| 30 | Abdominal obesity and risk of CVD: a dose-response meta-analysis of thirty-one prospective studies. <i>British Journal of Nutrition</i> , 2021, 126, 1420-1430.   | 1.2 | 27        |
| 31 | Analysis of factors influencing skin reactions to sunscreens, skin whitening products, and deodorants: Results from a large-scale patch test dataset in China. <i>Journal of Cosmetic Dermatology</i> , 2021, , . | 0.8 | 0         |
| 32 | Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. <i>Science Advances</i> , 2021, 7, eabl5862.   | 4.7 | 17        |
| 33 | Î² kinase ±: an independent prognostic factor that promotes the migration and invasion of oral squamous cell carcinoma. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2020, 58, 296-303.             | 0.4 | 3         |
| 34 | Biomarkers of environmental manganese exposure and associations with childhood neurodevelopment: a systematic review and meta-analysis. <i>Environmental Health</i> , 2020, 19, 104.                              | 1.7 | 47        |
| 35 | Targeting miR-124/Ferroportin signaling ameliorated neuronal cell death through inhibiting apoptosis and ferroptosis in aged intracerebral hemorrhage murine model. <i>Aging Cell</i> , 2020, 19, e13235.         | 3.0 | 97        |
| 36 | Iron accumulation in macrophages promotes the formation of foam cells and development of atherosclerosis. <i>Cell and Bioscience</i> , 2020, 10, 137.   | 2.1 | 33        |

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|----|---|-----|-----------|
| 37 | Auranofin mitigates systemic iron overload and induces ferroptosis via distinct mechanisms. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 138.   | 7.1 | 148       |
| 38 | Slc39a5-mediated zinc homeostasis plays an essential role in venous angiogenesis in zebrafish. <i>Open Biology</i> , 2020, 10, 200281.  | 1.5 | 9         |
| 39 | Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. <i>Circulation Research</i> , 2020, 127, 486-501.   | 2.0 | 377       |
| 40 | Chicory fibre improves reproductive performance of pregnant rats involving in altering intestinal microbiota composition. <i>Journal of Applied Microbiology</i> , 2020, 129, 1693-1705.                                      | 1.4 | 7         |
| 41 | Hepatic transferrin plays a role in systemic iron homeostasis and liver ferroptosis. <i>Blood</i> , 2020, 136, 726-739.   | 0.6 | 297       |
| 42 | Transferrin receptor 1-mediated iron uptake plays an essential role in hematopoiesis. <i>Haematologica</i> , 2020, 105, 2071-2082.  | 1.7 | 53        |
| 43 | Thermogenesis: Transferrin Receptor 1 Regulates Thermogenic Capacity and Cell Fate in Brown/Beige Adipocytes (Adv. Sci. 12/2020). <i>Advanced Science</i> , 2020, 7, 2070066.   | 5.6 | 0         |
| 44 | Dietary Intake of Homocysteine Metabolism-Related B-Vitamins and the Risk of Stroke: A Dose-Response Meta-Analysis of Prospective Studies. <i>Advances in Nutrition</i> , 2020, 11, 1510-1528.                                | 2.9 | 24        |
| 45 | Dietary intake of heme iron is Associated With Increased Cardiovascular Disease Risk: Reply to Dr. Bitterman. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1053-1055.                                 | 1.1 | 2         |
| 46 | Gnpat does not play an essential role in systemic iron homeostasis in murine model. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4118-4126.  | 1.6 | 4         |
| 47 | Rewiring ERBB3 and ERK signaling confers resistance to FGFR1 inhibition in gastrointestinal cancer harbored an ERBB3-E928G mutation. <i>Protein and Cell</i> , 2020, 11, 915-920.   | 4.8 | 5         |
| 48 | Identification of factors associated with minimal erythema dose variations in a large-scale population study of 22,146 subjects. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 1595-1600. | 1.3 | 11        |
| 49 | Transferrin Receptor 1 Regulates Thermogenic Capacity and Cell Fate in Brown/Beige Adipocytes. <i>Advanced Science</i> , 2020, 7, 1903366.  | 5.6 | 46        |
| 50 | Genetic regulatory subnetworks and key regulating genes in rat hippocampus perturbed by prenatal malnutrition: implications for major brain disorders. <i>Aging</i> , 2020, 12, 8434-8458.                                    | 1.4 | 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. <i>Research</i> , 2020, 2020, 2402961.           | 2.8 | 242       |
| 52 | Iron status is linked to disease severity after avian influenza virus H7N9 infection. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020, 29, 593-602.  | 0.3 | 3         |
| 53 | Sex-Specific Association of Circulating Ferritin Level and Risk of Type 2 Diabetes: A Dose-Response Meta-Analysis of Prospective Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4539-4551.     | 1.8 | 62        |
| 54 | Iron-dependent histone 3 lysine 9 demethylation controls B cell proliferation and humoral immune responses. <i>Nature Communications</i> , 2019, 10, 2935.  | 5.8 | 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.   | 3.3 | 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. | 2.2 | 96        |
| 57 | Hemojuvelin is a novel suppressor for Duchenne muscular dystrophy and age-related muscle wasting. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 557-573.  | 2.9 | 19        |
| 58 | A gene-based recessive diplotype exome scan discovers FGF6, a novel hepcidin-regulating iron-metabolism gene. Blood, 2019, 133, 1888-1898.  | 0.6 | 14        |
| 59 | New thiazolidinones reduce iron overload in mouse models of hereditary hemochromatosis and $\beta$ -thalassemia. Haematologica, 2019, 104, 1768-1781.   | 1.7 | 24        |
| 60 | Centrosomal protein FOR20 is essential for cilia-dependent development in zebrafish embryos. FASEB Journal, 2019, 33, 3613-3622.  | 0.2 | 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.   | 0.7 | 14        |
| 62 | Functional characterization of a potent anti-tumor polysaccharide in a mouse model of gastric cancer. Life Sciences, 2019, 219, 11-19.  | 2.0 | 16        |
| 63 | Adaptive Jamming Waveform Design for Distributed Multiple-Radar Architectures Based on Low Probability of Intercept. Radio Science, 2019, 54, 72-90.  | 0.8 | 12        |
| 64 | The zinc transporter Slc39a5 controls glucose sensing and insulin secretion in pancreatic $\beta$ -cells via Sirt1- and Pgc-1 $\alpha$ -mediated regulation of Glut2. Protein and Cell, 2019, 10, 436-449.              | 4.8 | 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.                  | 1.4 | 56        |
| 66 | Advances in iron homeostasis and ferromagnetic nanoparticles. Chinese Science Bulletin, 2019, 64, 788-801.  | 0.4 | 0         |
| 67 | Role of iron overload and ferroptosis in heart disease. Chinese Science Bulletin, 2019, 64, 2974-2987.  | 0.4 | 4         |
| 68 | Quantitative association between body mass index and the risk of cancer: a global Meta-analysis of prospective cohort studies. International Journal of Cancer, 2018, 143, 1595-1603.                                   | 2.3 | 80        |
| 69 | Cramér-Rao Lower Bounds for Joint Target Parameter Estimation in FM-Based Distributed Passive Radar Network with Antenna Arrays. Radio Science, 2018, 53, 314-333.  | 0.8 | 4         |
| 70 | Smad7 deficiency decreases iron and haemoglobin through hepcidin up-regulation by multilayer compensatory mechanisms. Journal of Cellular and Molecular Medicine, 2018, 22, 3035-3044.                                  | 1.6 | 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.                 | 1.5 | 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.                               | 0.2 | 25        |

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|----|---|-----|-----------|
| 73 | HDAC1 Governs Iron Homeostasis Independent of Histone Deacetylation in Iron-Overload Murine Models. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1224-1237.  | 2.5 | 17        |
| 74 | The Intracellular Free Zinc Level Is Vital for Treg Function and a Feasible Tool to Discriminate between Treg and Activated Th Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3575.                                      | 1.8 | 8         |
| 75 | Adenine alleviates iron overload by cAMP/PKA mediated hepatic hepcidin in mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 7268-7278.   | 2.0 | 8         |
| 76 | The Role of Zinc and Zinc Homeostasis in Macrophage Function. <i>Journal of Immunology Research</i> , 2018, 2018, 1-11.   | 0.9 | 97        |
| 77 | PSXIV-42 Effect of a corn-soybean meal mixed feed fermented with <i>Bacillus subtilis</i> and <i>Enterococcus faecium</i> on intestinal morphage, digestive function and flora of piglets.. <i>Journal of Animal Science</i> , 2018, 96, 42-42. | 0.2 | 0         |
| 78 | Distinct Iron Deposition Profiles of Liver Zones in Various Models with Iron Homeostasis Disorders. <i>Advanced Science</i> , 2018, 5, 1800866.   | 5.6 | 4         |
| 79 | Islr regulates canonical Wnt signaling-mediated skeletal muscle regeneration by stabilizing Dishevelled-2 and preventing autophagy. <i>Nature Communications</i> , 2018, 9, 5129.   | 5.8 | 64        |
| 80 | Association of Levels of Physical Activity With Risk of Parkinson Disease. <i>JAMA Network Open</i> , 2018, 1, e182421.   | 2.8 | 94        |
| 81 | A dose-response association between serum ferritin and metabolic syndrome?. <i>Atherosclerosis</i> , 2018, 279, 130-131.  | 0.4 | 6         |
| 82 | Manganese causes neurotoxic iron accumulation via translational repression of amyloid precursor protein and Hâ€Ferritin. <i>Journal of Neurochemistry</i> , 2018, 147, 831-848.   | 2.1 | 52        |
| 83 | Comparison of Intraoral Bone Regeneration with Iliac and Alveolar BMSCs. <i>Journal of Dental Research</i> , 2018, 97, 1229-1235.   | 2.5 | 22        |
| 84 | The embryonic and evolutionary boundaries between notochord and cartilage: a new look at nucleus pulposus-specific markers. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1274-1282.  | 0.6 | 14        |
| 85 | Increased total iron and zinc intake and lower heme iron intake reduce the risk of esophageal cancer: A dose-response meta-analysis. <i>Nutrition Research</i> , 2018, 59, 16-28.   | 1.3 | 22        |
| 86 | Physiological functions of ferroportin in the regulation of renal iron recycling and ischemic acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1042-F1057.   | 1.3 | 31        |
| 87 | Intake of Dietary One-Carbon Metabolism-Related B Vitamins and the Risk of Esophageal Cancer: A Dose-Response Meta-Analysis. <i>Nutrients</i> , 2018, 10, 835.  | 1.7 | 18        |
| 88 | Joint Transmitter Selection and Resource Management Strategy Based on Low Probability of Intercept Optimization for Distributed Radar Networks. <i>Radio Science</i> , 2018, 53, 1108-1134.   | 0.8 | 30        |
| 89 | Ferritin cage for encapsulation and delivery of bioactive nutrients: From structure, property to applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3673-3683.   | 5.4 | 64        |
| 90 | Identification of hereditary hemochromatosis pedigrees and a novel SLC40A1 mutation in Chinese population. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 63, 34-36.   | 0.6 | 8         |

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|-----|--|-----|-----------|
| 91  | Characterization of ferroptosis in murine models of hemochromatosis. <i>Hepatology</i> , 2017, 66, 449-465.  | 3.6 | 426       |
| 92  | Modified Cram  r Rao lower bounds for joint position and velocity estimation of a Rician target in OFDM  based passive radar networks. <i>Radio Science</i> , 2017, 52, 15-33.   | 0.8 | 10        |
| 93  | VPS34 Acetylation Controls Its Lipid Kinase Activity and the Initiation of Canonical and Non-canonical Autophagy. <i>Molecular Cell</i> , 2017, 67, 907-921.e7.  | 4.5 | 110       |
| 94  | Hemojuvelin regulates the innate immune response to peritoneal bacterial infection in mice. <i>Cell Discovery</i> , 2017, 3, 17028.  | 3.1 | 11        |
| 95  | Twa1/Gid8 is a $\beta$ -catenin nuclear retention factor in Wnt signaling and colorectal tumorigenesis. <i>Cell Research</i> , 2017, 27, 1422-1440.  | 5.7 | 44        |
| 96  | Microtubule-binding protein FOR20 promotes microtubule depolymerization and cell migration. <i>Cell Discovery</i> , 2017, 3, 17032.  | 3.1 | 16        |
| 97  | Tackling iron deficiency in infants: galacto-oligosaccharides may be up to the task. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 967-968.   | 2.2 | 3         |
| 98  | Manganese transporter Slc39a14 deficiency revealed its key role in maintaining manganese homeostasis in mice. <i>Cell Discovery</i> , 2017, 3, 17025.  | 3.1 | 87        |
| 99  | Psychological adjustment and behaviours in children of migrant workers in China. <i>Child: Care, Health and Development</i> , 2017, 43, 884-890.   | 0.8 | 29        |
| 100 | Metal transporter Slc39a10 regulates susceptibility to inflammatory stimuli by controlling macrophage survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12940-12945. | 3.3 | 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. <i>Nutrients</i> , 2017, 9, 671.  | 1.7 | 141       |
| 103 | Peroxisome Proliferator-Activated Receptor Gamma (PPAR  ) as a Target for Concurrent Management of Diabetes and Obesity-Related Cancer. <i>Current Pharmaceutical Design</i> , 2017, 23, 3677-3688.                              | 0.9 | 39        |
| 104 | Zebrafish slc30a10 deficiency revealed a novel compensatory mechanism of Atp2c1 in maintaining manganese homeostasis. <i>PLoS Genetics</i> , 2017, 13, e1006892.   | 1.5 | 35        |
| 105 | Suppression of Sirt1 sensitizes lung cancer cells to WEE1 inhibitor MK-1775-induced DNA damage and apoptosis. <i>Oncogene</i> , 2017, 36, 6863-6872.   | 2.6 | 53        |
| 106 | Serum ferritin in combination with prostate-specific antigen improves predictive accuracy for prostate cancer. <i>Oncotarget</i> , 2017, 8, 17862-17872.   | 0.8 | 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. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, 1092-1106.  | 0.3 | 17        |
| 108 | Transferrin receptor facilitates TGF-   and BMP signaling activation to control craniofacial morphogenesis. <i>Cell Death and Disease</i> , 2016, 7, e2282-e2282.  | 2.7 | 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. <i>Angewandte Chemie</i> , 2016, 128, 16298-16304.                        | 1.6  | 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. <i>BMC Medicine</i> , 2016, 14, 210. | 2.3  | 167       |
| 111 | Transferrin Receptor Controls AMPA Receptor Trafficking Efficiency and Synaptic Plasticity. <i>Scientific Reports</i> , 2016, 6, 21019.   | 1.6  | 43        |
| 112 | Nanomolar Hg<sup>2+</sup> Detection Using Î²-Lactoglobulin-Stabilized Fluorescent Gold Nanoclusters in Beverage and Biological Media. <i>Analytical Chemistry</i> , 2016, 88, 10275-10283.                    | 3.2  | 89        |
| 113 | Role of atopy in chronic rhinosinusitis with nasal polyps: does an atopic condition affect the severity and recurrence of disease?. <i>Journal of Laryngology and Otology</i> , 2016, 130, 640-644.           | 0.4  | 19        |
| 114 | Conversion of the Native 24â€mer Ferritin Nanocage into Its Nonâ€Native 16â€mer Analogue by Insertion of Extra Amino Acid Residues. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16064-16070. | 7.2  | 33        |
| 115 | Iron overload in hereditary tyrosinemia type 1 induces liver injury through the Sp1/Tfr2/hepcidin axis. <i>Journal of Hepatology</i> , 2016, 65, 137-145.   | 1.8  | 22        |
| 116 | On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016, 22, 945-951.  | 15.2 | 333       |
| 117 | Selenium Exposure and Cancer Risk: an Updated Meta-analysis and Meta-regression. <i>Scientific Reports</i> , 2016, 6, 19213.  | 1.6  | 154       |
| 118 | Hypoxia regulates sumoylation pathways in intervertebral disc cells: implications for hypoxic adaptations. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1113-1124.   | 0.6  | 18        |
| 119 | The dietary flavonoid myricetin regulates iron homeostasis by suppressing hepcidin expression. <i>Journal of Nutritional Biochemistry</i> , 2016, 30, 53-61.  | 1.9  | 27        |
| 120 | The hemeâ€p53 interaction: Linking iron metabolism to p53 signaling and tumorigenesis. <i>Molecular and Cellular Oncology</i> , 2016, 3, e965642.   | 0.3  | 9         |
| 121 | Aging and age related stresses: a senescence mechanism of intervertebral disc degeneration. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 398-408.  | 0.6  | 306       |
| 122 | xCT increases tuberculosis susceptibility by regulating antimicrobial function and inflammation. <i>Oncotarget</i> , 2016, 7, 31001-31013.  | 0.8  | 24        |
| 123 | Elevated serum transaminase activities were associated with increased serum levels of iron regulatory hormone hepcidin and hyperferritinemia risk. <i>Scientific Reports</i> , 2015, 5, 13106.                | 1.6  | 6         |
| 124 | Obesity and iron deficiency: a quantitative metaâ€analysis. <i>Obesity Reviews</i> , 2015, 16, 1081-1093.   | 3.1  | 184       |
| 125 | Promises and Challenges of Big Data Computing in Health Sciences. <i>Big Data Research</i> , 2015, 2, 2-11.   | 2.6  | 185       |
| 126 | Dietary intake of heme iron and risk of cardiovascular disease: Aâ€doseâ€response meta-analysis of prospective cohort studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 24-35.    | 1.1  | 75        |



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|-----|--|-----|-----------|
| 127 | HJV and HFE Play Distinct Roles in Regulating Hepcidin. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1325-1336.   | 2.5 | 19        |
| 128 | Carbohydrate Intake, Glycemic Index, Glycemic Load, and Stroke. <i>Asia-Pacific Journal of Public Health</i> , 2015, 27, 486-496.  | 0.4 | 30        |
| 129 | Kinetic Modeling of Nitric Oxide Sensitization of <i>n</i> -heptane Auto-ignition and Combustion. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 997-1004.           | 1.2 | 2         |
| 130 | Estrogen contributes to regulating iron metabolism through governing ferroportin signaling via an estrogen response element. <i>Cellular Signalling</i> , 2015, 27, 934-942.                                     | 1.7 | 37        |
| 131 | Cardiomyocyte-specific deletion of ferroportin using MCK-Cre has no apparent effect on cardiac iron homeostasis. <i>International Journal of Cardiology</i> , 2015, 201, 90-92.                                  | 0.8 | 16        |
| 132 | Effects of upregulation of Id3 in human lung adenocarcinoma cells on proliferation, apoptosis, mobility and tumorigenicity. <i>Cancer Gene Therapy</i> , 2015, 22, 431-437.                                      | 2.2 | 13        |
| 133 | Landscape of dietary factors associated with risk of gastric cancer: A systematic review and dose-response meta-analysis of prospective cohort studies. <i>European Journal of Cancer</i> , 2015, 51, 2820-2832. | 1.3 | 187       |
| 134 | Pleiotropic actions of iron balance in diabetes mellitus. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2015, 16, 15-23.   | 2.6 | 43        |
| 135 | Maternal lead exposure and risk of congenital heart defects occurrence in offspring. <i>Reproductive Toxicology</i> , 2015, 51, 1-6.   | 1.3 | 47        |
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