# Yan-Zhong Chang

List of Publications by Year
in descending order

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|---|---|---|---|
| 131 papers | 5,320 citations | 94433 37 h-index | 98798 67 g-index |
| 132 all docs | 132 docs citations | 132 times ranked | 7573 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Iron promotes neurological function recovery in mice with ischemic stroke through endogenous repair mechanisms. Free Radical Biology and Medicine, 2022, 182, 59-72. | 2.9 | 8 |
| 2 | Osteoblast Derived Exosomes Alleviate Radiation- Induced Hematopoietic Injury. Frontiers in Bioengineering and Biotechnology, 2022, 10, 850303. | 4.1 | 3 |
| 3 | Microplastics interact with SARS-CoV-2 and facilitate host cell infection. Environmental Science: Nano, 2022, 9, 2653-2664. | 4.3 | 9 |
| 4 | Hippocampal Iron Accumulation Impairs Synapses and Memory via Suppressing Furin Expression and Downregulating BDNF Maturation. Molecular Neurobiology, 2022, 59, 5574-5590. | 4.0 | 11 |
| 5 | Overexpression of Mitochondrial Ferritin Enhances Bloodâ€“Brain Barrier Integrity Following Ischemic Stroke in Mice by Maintaining Iron Homeostasis in Endothelial Cells. Antioxidants, 2022, 11, 1257. | 5.1 | 11 |
| 6 | Caffeine Decreases Hepcidin Expression to Alleviate Aberrant Iron Metabolism under Inflammation by Regulating the IL-6/STAT3 Pathway. Life, 2022, 12, 1025. | 2.4 | 1 |
| 7 | Brain iron deficiency and affected contextual fear memory in mice with conditional Ferroportin1 ablation in the brain. FASEB Journal, 2021, 35, e21174. | 0.5 | 11 |
| 8 | Nrf2 knockout altered brain iron deposition and mitigated age-related motor dysfunction in aging mice. Free Radical Biology and Medicine, 2021, 162, 592-602. | 2.9 | 44 |
| 9 | Prenatal sevoflurane exposure: Effects of iron metabolic dysfunction on offspring cognition and potential mechanism. International Journal of Developmental Neuroscience, 2021, 81, 1-9. | 1.6 | 10 |
| 10 | A highâ€fructose diet in rats induces systemic iron deficiency and hepatic iron overload by an inflammation mechanism. Journal of Food Biochemistry, 2021, 45, e13578. | 2.9 | 8 |
| 11 | Nuciferine protects against folic acidâ€induced acute kidney injury by inhibiting ferroptosis. British Journal of Pharmacology, 2021, 178, 1182-1199. | 5.4 | 74 |
| 12 | Downregulation of FPN1 acts as a prognostic biomarker associated with immune infiltration in lung cancer. Aging, 2021, 13, 8737-8761. | 3.1 | 10 |
| 13 | Ferroptosis inducer erastin sensitizes NSCLC cells to celastrol through activation of the ROSâ€“mitochondrial fissionâ€“mitophagy axis. Molecular Oncology, 2021, 15, 2084-2105. | 4.6 | 76 |
| 14 | Hepcidin Upregulation in Lung Cancer: A Potential TherapeuticÂTarget Associated With Immune Infiltration. Frontiers in Immunology, 2021, 12, 612144. | 4.8 | 38 |
| 15 | Clioquinol Attenuates Pulmonary Fibrosis through Inactivation of Fibroblasts via Iron Chelation. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 189-200. | 2.9 | 12 |
| 16 | Effect of sevoflurane on iron homeostasis and toxicity in the brain of mice. Brain Research, 2021, 1757, 147328. | 2.2 | 15 |
| 17 | Mitochondrial ferritin attenuates cerebral ischaemia/reperfusion injury by inhibiting ferroptosis. Cell Death and Disease, 2021, 12, 447. | 6.3 | 84 |
| 18 | Casein Kinase-2 Interacting Protein-1 Regulates Physiological Cardiac Hypertrophy via Inhibition of Histone Deacetylase 4 Phosphorylation. Frontiers in Physiology, 2021, 12, 678863. | 2.8 | 2 |

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|---|---|---|---|
| 19 | Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13. | 4.0 | 43 |
| 20 | Ceruloplasmin correlates with immune infiltration and serves as a prognostic biomarker in breast cancer. Aging, 2021, 13, 20438-20467. | 3.1 | 21 |
| 21 | 3â€² untranslated region of Ckip-1 inhibits cardiac hypertrophy independently of its cognate protein. European Heart Journal, 2021, 42, 3786-3799. | 2.2 | 9 |
| 22 | Targeting E3 Ubiquitin Ligase WWP1 Prevents Cardiac Hypertrophy Through Destabilizing DVL2 via Inhibition of K27-Linked Ubiquitination. Circulation, 2021, 144, 694-711. | 1.6 | 31 |
| 23 | Integrated analysis identifies TfR1 as a prognostic biomarker which correlates with immune infiltration in breast cancer. Aging, 2021, 13, 21671-21699. | 3.1 | 19 |
| 24 | A new mechanism of POCD caused by sevoflurane in mice: cognitive impairment induced by cross-dysfunction of iron and glucose metabolism. Aging, 2021, 13, 22375-22389. | 3.1 | 28 |
| 25 | Calcitonin increases hepatic hepcidin expression through the BMP6 of kidney in mice. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126796. | 3.0 | 2 |
| 26 | Vascular smooth muscle cellâ€specific miRNAâ€214 knockout inhibits angiotensin IIâ€induced hypertension through upregulation of Smad7. FASEB Journal, 2021, 35, e21947. | 0.5 | 7 |
| 27 | Ckip-1 3â€²-UTR Attenuates Simulated Microgravity-Induced Cardiac Atrophy. Frontiers in Cell and Developmental Biology, 2021, 9, 796902. | 3.7 | 2 |
| 28 | Cerebrovascular miRNAs correlate with the clearance of Aî² through perivascular route in younger 3xTgâ€AD mice. Brain Pathology, 2020, 30, 92-105. | 4.1 | 9 |
| 29 | Iron overload induced by IRP2 gene knockout aggravates symptoms of Parkinson's disease. Neurochemistry International, 2020, 134, 104657. | 3.8 | 11 |
| 30 | Astrocyte hepcidin ameliorates neuronal loss through attenuating brain iron deposition and oxidative stress in APP/PS1 mice. Free Radical Biology and Medicine, 2020, 158, 84-95. | 2.9 | 37 |
| 31 | Comparison of Bioactive Phenolic Compounds and Antioxidant Activities of Different Parts of Taraxacum mongolicum. Molecules, 2020, 25, 3260. | 3.8 | 29 |
| 32 | Hepcidin overexpression in astrocytes alters brain iron metabolism and protects against amyloid-î² induced brain damage in mice. Cell Death Discovery, 2020, 6, 113. | 4.7 | 20 |
| 33 | Nrf2 knockout dysregulates iron metabolism and increases the hemolysis through ROS in aging mice. Life Sciences, 2020, 255, 117838. | 4.3 | 23 |
| 34 | Excess salt intake promotes M1 microglia polarization via a p38/MAPK/AR-dependent pathway after cerebral ischemia in mice. International Immunopharmacology, 2020, 81, 106176. | 3.8 | 22 |
| 35 | Sevoflurane anesthesia during pregnancy in mice induces cognitive impairment in the offspring by causing iron deficiency and inhibiting myelinogenesis. Neurochemistry International, 2020, 135, 104693. | 3.8 | 26 |
| 36 | Deferasirox protects against hydrogen peroxide-induced cell apoptosis by inhibiting ubiquitination and degradation of p21WAF1/CIP1. Biochemical and Biophysical Research Communications, 2020, 524, 736-743. | 2.1 | 2 |

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|---|---|---|---|
| 37 | Propofol prevents oxidative stress and apoptosis by regulating iron homeostasis and targeting JAK/STAT3 signaling in SH-SY5Y cells. Brain Research Bulletin, 2019, 153, 191-201. | 3.0 | 21 |
| 38 | Iron regulatory protein 2 deficiency may correlate with insulin resistance. Biochemical and Biophysical Research Communications, 2019, 510, 191-197. | 2.1 | 6 |
| 39 | Transcriptomic analysis reveals the molecular mechanism of Alzheimerâ€related neuropathology induced by sevoflurane in mice. Journal of Cellular Biochemistry, 2019, 120, 17555-17565. | 2.6 | 12 |
| 40 | Role of AMPK and its molecular intermediates in subjugating cancer survival mechanism. Life Sciences, 2019, 227, 30-38. | 4.3 | 27 |
| 41 | HSF1 phosphorylation by cyclosporin A confers hyperthermia sensitivity through suppression of HSP expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 846-857. | 1.9 | 11 |
| 42 | Hypobaric hypoxia regulates iron metabolism in rats. Journal of Cellular Biochemistry, 2019, 120, 14076-14087. | 2.6 | 18 |
| 43 | Irp2 Knockout Causes Osteoporosis by Inhibition of Bone Remodeling. Calcified Tissue International, 2019, 104, 70-78. | 3.1 | 14 |
| 44 | Hepcidin and iron regulatory proteins coordinately regulate ferroportin 1 expression in the brain of mice. Journal of Cellular Physiology, 2019, 234, 7600-7607. | 4.1 | 28 |
| 45 | Mitochondrial Ferritin Is a Hypoxia-Inducible Factor 1Î±-Inducible Gene That Protects from Hypoxia-Induced Cell Death in Brain. Antioxidants and Redox Signaling, 2019, 30, 198-212. | 5.4 | 24 |
| 46 | Brain Iron Metabolism and CNS Diseases. Advances in Experimental Medicine and Biology, 2019, 1173, 1-19. | 1.6 | 78 |
| 47 | Cellular Iron Metabolism and Regulation. Advances in Experimental Medicine and Biology, 2019, 1173, 21-32. | 1.6 | 151 |
| 48 | Brain Iron Metabolism and Regulation. Advances in Experimental Medicine and Biology, 2019, 1173, 33-44. | 1.6 | 25 |
| 49 | Targeted Brain Delivery of Rabies Virus Glycoprotein 29-Modified Deferoxamine-Loaded Nanoparticles Reverses Functional Deficits in Parkinsonian Mice. ACS Nano, 2018, 12, 4123-4139. | 14.6 | 145 |
| 50 | The Î±1â€adrenergic receptor is involved in hepcidin upregulation induced by adrenaline and norepinephrine via the STAT3 pathway. Journal of Cellular Biochemistry, 2018, 119, 5517-5527. | 2.6 | 4 |
| 51 | Reduction of PM2.5 toxicity on human alveolar epithelial cells A549 by tea polyphenols. Journal of Food Biochemistry, 2018, 42, e12496. | 2.9 | 24 |
| 52 | Identification of CDAN1 , C15ORF41 and SEC23B mutations in Chinese patients affected by congenital dyserythropoietic anemia. Gene, 2018, 640, 73-78. | 2.2 | 11 |
| 53 | Ceruloplasmin, a Potential Therapeutic Agent for Alzheimer's Disease. Antioxidants and Redox Signaling, 2018, 28, 1323-1337. | 5.4 | 42 |
| 54 | Overexpression of Dendritic Cell-Specific Intercellular Adhesion Molecule-3-Grabbing Nonintegrin in Dendritic Cells Protecting against Aspergillosis. Chinese Medical Journal, 2018, 131, 2575-2582. | 2.3 | 8 |

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|---|---|---|---|
| 55 | Nano-liposomes of lycopene reduces ischemic brain damage in rodents by regulating iron metabolism. Free Radical Biology and Medicine, 2018, 124, 1-11. | 2.9 | 94 |
| 56 | Direct Reprogramming of Fibroblasts via a Chemically Induced XEN-like State. Cell Stem Cell, 2017, 21, 264-273.e7. | 11.1 | 74 |
| 57 | Nasal delivery of nanoliposome-encapsulated ferric ammonium citrate can increase the iron content of rat brain. Journal of Nanobiotechnology, 2017, 15, 42. | 9.1 | 40 |
| 58 | Astrocyte hepcidin is a key factor in LPS-induced neuronal apoptosis. Cell Death and Disease, 2017, 8, e2676-e2676. | 6.3 | 83 |
| 59 | Hypobaric Hypoxia Regulates Brain Iron Homeostasis in Rats. Journal of Cellular Biochemistry, 2017, 118, 1596-1605. | 2.6 | 12 |
| 60 | The regulation of iron metabolism by hepcidin contributes to unloading-induced bone loss. Bone, 2017, 94, 152-161. | 2.9 | 57 |
| 61 | Identification of novel mutations in HFE, HFE2, TfR2, and SLC40A1 genes in Chinese patients affected by hereditary hemochromatosis. International Journal of Hematology, 2017, 105, 521-525. | 1.6 | 20 |
| 62 | The Construction and Characterization of Mitochondrial Ferritin Overexpressing Mice. International Journal of Molecular Sciences, 2017, 18, 1518. | 4.1 | 18 |
| 63 | Mitochondrial Ferritin Deletion ExacerbatesÎ²-Amyloid-Induced Neurotoxicity in Mice. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10. | 4.0 | 42 |
| 64 | Development of real-time recombinase polymerase amplification assay for rapid and sensitive detection of canine parvovirus 2. BMC Veterinary Research, 2017, 13, 311. | 1.9 | 15 |
| 65 | Mitochondrial Ferritin Protects Hydrogen Peroxide-Induced Neuronal Cell Damage. , 2017, 8, 458. | | 32 |
| 66 | The Protective Role of Mitochondrial Ferritin on Erastin-Induced Ferroptosis. Frontiers in Aging Neuroscience, 2016, 8, 308. | 3.4 | 207 |
| 67 | Mitochondrial ferritin protects the murine myocardium from acute exhaustive exercise injury. Cell Death and Disease, 2016, 7, e2475-e2475. | 6.3 | 24 |
| 68 | Mitochondrial ferritin suppresses MPTP-induced cell damage by regulating iron metabolism and attenuating oxidative stress. Brain Research, 2016, 1642, 33-42. | 2.2 | 34 |
| 69 | Quantum dots-hemin: Preparation and application in the absorption of heme iron. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1747-1755. | 3.3 | 7 |
| 70 | Calcium channel blockers ameliorate iron overload-associated hepatic fibrosis by altering iron transport and stellate cell apoptosis. Toxicology and Applied Pharmacology, 2016, 301, 50-60. | 2.8 | 26 |
| 71 | Insights into the role of iron in immature rat model of hypoxic-ischemic brain injury. Experimental and Therapeutic Medicine, 2016, 12, 1723-1731. | 1.8 | 6 |
| 72 | Contiguous gene deletion in HFE2 region (1q21.1) and pathogenic HFE2 mutations in a Chinese hereditary hemochromatosis patient. Gene Reports, 2016, 5, 167-170. | 0.8 | 0 |

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|---|---|---|---|
| 73 | Identification of FECH gene multiple variations in two Chinese patients with erythropoietic protoporphyria and a review. Journal of Zhejiang University: Science B, 2016, 17, 813-820. | 2.8 | 6 |
| 74 | Osteoclast-derived microRNA-containing exosomes selectively inhibit osteoblast activity. Cell Discovery, 2016, 2, 16015. | 6.7 | 239 |
| 75 | Functional Analysis of GLRX5 Mutants Reveals Distinct Functionalities of GLRX5 Protein. Journal of Cellular Biochemistry, 2016, 117, 207-217. | 2.6 | 36 |
| 76 | Factors controlling permeability of the bloodâ€“brain barrier. Cellular and Molecular Life Sciences, 2016, 73, 57-77. | 5.4 | 202 |
| 77 | Determination of Iron Liposome/Water Partition Coefficients and Identification of Influencing Factors. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2015, 31, 2043-2048. | 4.9 | 0 |
| 78 | Iron Liposome: A more Effective Iron Supplement for Sports Anemia and Anemia of Inflammation. Journal of Pharmaceutical Care & Health Systems, 2015, s4, . | 0.1 | 4 |
| 79 | Effects of Pregnancy and Lactation on Iron Metabolism in Rats. BioMed Research International, 2015, 2015, 1-9. | 1.9 | 16 |
| 80 | Silver nanoparticles activate endoplasmic reticulum stress signaling pathway in cell and mouse models: The role in toxicity evaluation. Biomaterials, 2015, 61, 307-315. | 11.4 | 121 |
| 81 | Hepcidin levels in hyperprolactinemic women monitored by nanopore thin film based assay: Correlation with pregnancy-associated hormone prolactin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 871-878. | 3.3 | 7 |
| 82 | Mitochondrial ferritin, a new target for inhibiting neuronal tumor cell proliferation. Cellular and Molecular Life Sciences, 2015, 72, 983-997. | 5.4 | 33 |
| 83 | miR-214 promotes osteoclastogenesis by targeting Pten/PI3k/Akt pathway. RNA Biology, 2015, 12, 343-353. | 3.1 | 198 |
| 84 | Ageâ€dependent expression of duodenal cytochrome b divalent metal transporter 1, ferroportin 1, and hephaestin in the duodenum of rats. Journal of Gastroenterology and Hepatology (Australia), 2015, 30, 513-520. | 2.8 | 5 |
| 85 | High-Content Screening for Assessing Nanomaterial Toxicity. Journal of Nanoscience and Nanotechnology, 2015, 15, 1143-1149. | 0.9 | 15 |
| 86 | Brain iron accumulation exacerbates the pathogenesis of MPTP-induced Parkinsonâ€™s disease. Neuroscience, 2015, 284, 234-246. | 2.3 | 70 |
| 87 | Mitochondrial ferritin in the regulation of brain iron homeostasis and neurodegenerative diseases. Frontiers in Pharmacology, 2014, 5, 19. | 3.5 | 79 |
| 88 | Encapsulation of Iron in Liposomes Significantly Improved the Efficiency of Iron Supplementation in Strenuously Exercised Rats. Biological Trace Element Research, 2014, 162, 181-188. | 3.5 | 32 |
| 89 | The effect of anti-inflammatory properties of ferritin light chain on lipopolysaccharide-induced inflammatory response in murine macrophages. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2775-2783. | 4.1 | 66 |
| 90 | Sex Differences in Iron Status and Hepcidin Expression in Rats. Biological Trace Element Research, 2014, 160, 258-267. | 3.5 | 37 |

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|---|---|---|---|
| 91 | Hepcidin and sports anemia. Cell and Bioscience, 2014, 4, 19. | 4.8 | 37 |
| 92 | Endoplasmic Reticulum Stress Induced by Zinc Oxide Nanoparticles Is an Earlier Biomarker for Nanotoxicological Evaluation. ACS Nano, 2014, 8, 2562-2574. | 14.6 | 221 |
| 93 | HDAC4 protects cells from ER stress induced apoptosis through interaction with ATF4. Cellular Signalling, 2014, 26, 556-563. | 3.6 | 37 |
| 94 | The regulation of iron metabolism in the mononuclear phagocyte system. Expert Review of Hematology, 2013, 6, 411-418. | 2.2 | 15 |
| 95 | Effect of iron liposomes on anemia of inflammation. International Journal of Pharmaceutics, 2013, 454, 82-89. | 5.2 | 52 |
| 96 | Neuroprotective effects of aqueous extracts of Uncaria tomentosa: Insights from 6-OHDA induced cell damage and transgenic Caenorhabditis elegans model. Neurochemistry International, 2013, 62, 940-947. | 3.8 | 23 |
| 97 | Correction to Mitochondrial Ferritin Attenuates Î²-Amyloid-Induced Neurotoxicity: Reduction in Oxidative Damage Through the Erk/P38 Mitogen-Activated Protein Kinase Pathways, Authored by Wu WS, Zhao YS, Shi ZH, Chang SY, Nie GJ, Duan XL, Zhao SM, Wu Q, Yang ZL, Zhao BL, and Chang YZ (Antioxid Redox Signal 18: 158â€“169, 2013). Antioxidants and Redox Signaling, 2013, 19, 519-521. | 5.4 | 6 |
| 98 | Mitochondrial Ferritin AttenuatesÎ²-Amyloid-Induced Neurotoxicity: Reduction in Oxidative Damage Through the Erk/P38 Mitogen-Activated Protein Kinase Pathways. Antioxidants and Redox Signaling, 2013, 18, 158-169. | 5.4 | 73 |
| 99 | Gene expression profiles of sodium-dependent vitamin C transporters in mice after alcohol consumption. Acta Biochimica Et Biophysica Sinica, 2013, 45, 912-920. | 2.0 | 8 |
| 100 | Expression of hypoxia-inducible factor 1 alpha and oligodendrocyte lineage gene-1 in cultured brain slices after oxygen-glucose deprivation. Neural Regeneration Research, 2013, 8, 328-37. | 3.0 | 4 |
| 101 | Expression and significance of histone H3K27 demethylases in renal cell carcinoma. BMC Cancer, 2012, 12, 470. | 2.6 | 72 |
| 102 | Acute pulmonary and moderate cardiovascular responses of spontaneously hypertensive rats after exposure to single-wall carbon nanotubes. Nanotoxicology, 2012, 6, 526-542. | 3.0 | 72 |
| 103 | L-theanine inhibits nicotine-induced dependence via regulation of the nicotine acetylcholine receptor-dopamine reward pathway. Science China Life Sciences, 2012, 55, 1064-1074. | 4.9 | 6 |
| 104 | The triggering of apoptosis in macrophages by pristine graphene through the MAPK and TGF-beta signaling pathways. Biomaterials, 2012, 33, 402-411. | 11.4 | 444 |
| 105 | Preventive effects of fasudil on adriamycin-induced cardiomyopathy: Possible involvement of inhibition of RhoA/ROCK pathway. Food and Chemical Toxicology, 2011, 49, 2975-2982. | 3.6 | 30 |
| 106 | Hepcidin Is Involved in Iron Regulation in the Ischemic Brain. PLoS ONE, 2011, 6, e25324. | 2.5 | 120 |
| 107 | Does Hepatic Hepcidin Play an Important Role in Exercise-Associated Anemia in Rats?. International Journal of Sport Nutrition and Exercise Metabolism, 2011, 21, 19-26. | 2.1 | 27 |
| 108 | Fasudil hydrochloride hydrate, a Rhoâ€kinase inhibitor, suppresses isoproterenolâ€induced heart failure in rats via JNK and ERK1/2 pathways. Journal of Cellular Biochemistry, 2011, 112, 1920-1929. | 2.6 | 44 |

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|---|---|---|---|
| 109 | The Histone Demethylase PHF8 and Neural Development*. Progress in Biochemistry and Biophysics, 2011, 38, 305-310. | 0.3 | 1 |
| 110 | Specific Hemosiderin Deposition in Spleen Induced by a Low Dose of Cisplatin: Altered Iron Metabolism and Its Implication as an Acute Hemosiderin Formation Model. Current Drug Metabolism, 2010, 11, 507-515. | 1.2 | 37 |
| 111 | Role of hepcidin in murine brain iron metabolism. Cellular and Molecular Life Sciences, 2010, 67, 123-133. | 5.4 | 119 |
| 112 | The cessation and detoxification effect of tea filters on cigarette smoke. Science China Life Sciences, 2010, 53, 533-541. | 4.9 | 10 |
| 113 | Nitric oxide contributes to the regulation of iron metabolism in skeletal muscle in vivo and in vitro. Molecular and Cellular Biochemistry, 2010, 342, 87-94. | 3.1 | 4 |
| 114 | Neuroprotective Mechanism of Mitochondrial Ferritin on 6-Hydroxydopamineâ€“Induced Dopaminergic Cell Damage: Implication for Neuroprotection in Parkinson's Disease. Antioxidants and Redox Signaling, 2010, 13, 783-796. | 5.4 | 92 |
| 115 | l-theanine protects the APP (Swedish mutation) transgenic SH-SY5Y cell against glutamate-induced excitotoxicity via inhibition of the NMDA receptor pathway. Neuroscience, 2010, 168, 778-786. | 2.3 | 61 |
| 116 | Transmenbrance Serine Proteases 6: A Newly Discovered Hepcidin Regulator*. Progress in Biochemistry and Biophysics, 2010, 37, 235-238. | 0.3 | 1 |
| 117 | The Neuroprotective Effect of Batch-2, an Aqueous Extract From Catâ€²s Claw(<I>Uncaria tomentosa</I>) on 6-OHDA-Induced SH-SY5Y Cell Damage*. Progress in Biochemistry and Biophysics, 2010, 37, 769-778. | 0.3 | 1 |
| 118 | Effects of Intracerebroventricular Injection of Iron Dextran on the Iron Concentration and Divalent Metal Transporter 1 Expression in the Caudate Putamen and Substantia Nigra of Rats. Anatomical Record, 2009, 292, 225-233. | 1.4 | 4 |
| 119 | Age-dependent expression of hephaestin in the brain of ceruloplasmin-deficient mice. Journal of Trace Elements in Medicine and Biology, 2009, 23, 290-299. | 3.0 | 7 |
| 120 | Hepcidin, an antimicrobial peptide is downregulated in ceruloplasmin-deficient mice. Peptides, 2009, 30, 262-266. | 2.4 | 22 |
| 121 | Effect of erythropoietin on hepcidin, DMT1 with IRE, and hephaestin gene expression in duodenum of rats. Journal of Gastroenterology, 2008, 43, 136-143. | 5.1 | 30 |
| 122 | Decreased DMT1 and increased ferroportin 1 expression is the mechanisms of reduced iron retention in macrophages by erythropoietin in rats. Journal of Cellular Biochemistry, 2008, 104, 629-641. | 2.6 | 27 |
| 123 | Iron metabolism in the mononuclear phagocyte system. Progress in Natural Science: Materials International, 2008, 18, 1197-1202. | 4.4 | 12 |
| 124 | Development and iron-dependent expression of hephaestin in different brain regions of rats. Journal of Cellular Biochemistry, 2007, 102, 1225-1233. | 2.6 | 48 |
| 125 | Identification and expression analysis of hepcidin-like cDNAs from pigeon (Columba livia). Molecular and Cellular Biochemistry, 2007, 305, 191-197. | 3.1 | 27 |
| 126 | Heat shock protein 27 downregulates the transferrin receptor 1-mediated iron uptake. International Journal of Biochemistry and Cell Biology, 2006, 38, 1402-1416. | 2.8 | 65 |

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|---|---|---|---|
| 127 | Increased Divalent Metal Transporter 1 Expression Might Be Associated with the Neurotoxicity of l-DOPA. Molecular Pharmacology, 2006, 69, 968-974. | 2.3 | 29 |
| 128 | Molecular analysis of increased iron status in moderately exercised rats. Molecular and Cellular Biochemistry, 2006, 282, 117-123. | 3.1 | 32 |
| 129 | Effects of extracellular iron concentration on calcium absorption and relationship between Ca2+and cell apoptosis in Caco-2 cells. World Journal of Gastroenterology, 2005, 11, 2916. | 3.3 | 10 |
| 130 | Distribution of constitutive nitric oxide synthase in the jejunum of adult rat. World Journal of Gastroenterology, 2002, 8, 537. | 3.3 | 14 |
| 131 | CHAPTER 9. Iron Metabolism in Parkinsonâ€™s Disease. Issues in Toxicology, 0, , 255-276. | 0.1 | 2 |