

CITATION REPORT

List of articles citing

Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease

DOI: 10.1016/j.cell.2017.09.021
Cell, 2017, 171, 273-285.

Source: <https://exaly.com/paper-pdf/66826149/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2209	The Ferrous Awakens. <i>Cell</i> , 2017 , 171, 1225-1227	56.2	12
2208	Superiority of rat over murine model for studies on the evolution of cancer genome. 2018 , 52, 1323-1327		6
2207	Spatio-temporal monitoring of lipid peroxy radicals in live cell studies combining fluorogenic antioxidants and fluorescence microscopy methods. 2018 , 128, 124-136		12
2206	Ferroptosis is newly characterized form of neuronal cell death in response to arsenite exposure. 2018 , 67, 27-36		38
2205	Non-thermal plasma as a simple ferroptosis inducer in cancer cells: A possible role of ferritin. 2018 , 68, 442-443		22
2204	The Catalytic Reaction of Nitroxides with Peroxyl Radicals and Its Relevance to Their Cytoprotective Properties. 2018 , 140, 3798-3808		44
2203	An Element of Life. <i>Cell</i> , 2018 , 172, 389-390	56.2	12
2202	13 reasons why the brain is susceptible to oxidative stress. 2018 , 15, 490-503		407
2201	Turning the Spotlight on Lipids in Non-Apoptotic Cell Death. 2018 , 13, 506-515		19
2200	Resolving the Role of Lipoxygenases in the Initiation and Execution of Ferroptosis. 2018 , 4, 387-396		214
2199	Understanding the diversity of membrane lipid composition. 2018 , 19, 281-296		605
2198	p53 Suppresses Metabolic Stress-Induced Ferroptosis in Cancer Cells. 2018 , 22, 569-575		212
2197	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. 2018 , 25, 486-541		2160
2196	Why should neuroscientists worry about iron? The emerging role of ferroptosis in the pathophysiology of neurodegenerative diseases. 2018 , 341, 154-175		79
2195	Redox regulation of microRNAs in cancer. 2018 , 418, 250-259		29
2194	Activity-based sensing fluorescent probes for iron in biological systems. 2018 , 43, 113-118		60
2193	NRF2 and the Hallmarks of Cancer. 2018 , 34, 21-43		555

2192	O-Phenylenediamine: a privileged pharmacophore of ferrostatins for radical-trapping reactivity in blocking ferroptosis. 2018 , 16, 3952-3960	9
2191	Iron and innate antimicrobial immunity-Depriving the pathogen, defending the host. 2018 , 48, 118-133	51
2190	To die or not to die: death signaling in nonalcoholic fatty liver disease. 2018 , 53, 893-906	46
2189	Modeling the effects of lipid peroxidation during ferroptosis on membrane properties. 2018 , 8, 5155	122
2188	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. 2018 , 57, 2059-2060	37
2187	ENPP2 protects cardiomyocytes from erastin-induced ferroptosis. 2018 , 499, 44-51	45
2186	Small-molecule luminescent probes for the detection of cellular oxidizing and nitrating species. 2018 , 128, 3-22	44
2185	When nature's robots go rogue: exploring protein homeostasis dysfunction and the implications for understanding human aging disease pathologies. 2018 , 15, 293-309	4
2184	MTD-like motif of a BH3-only protein, BNIP1, induces necrosis accompanied by an intracellular calcium spike. 2018 , 495, 1661-1667	3
2183	Selenium and iron, two elemental rivals in the ferroptotic death process. 2018 , 9, 22241-22242	7
2182	Ferroptosis and Brain Injury. 2018 , 40, 382-395	57
2181	UEG Week 2018 Poster Presentations. 2018 , 6, A135	14
2180	Induction of intracellular ferritin expression in embryo-derived Ixodes scapularis cell line (ISE6). 2018 , 8, 16566	8
2179	Expression of mitochondrial dysfunction-related genes and pathways in paclitaxel-induced peripheral neuropathy in breast cancer survivors. 2018 , 14, 1744806918816462	26
2178	Modifying aroylhydrazone prochelators for hydrolytic stability and improved cytoprotection against oxidative stress. 2018 , 26, 5962-5972	1
2177	Empowerment of 15-Lipoxygenase Catalytic Competence in Selective Oxidation of Membrane ETE-PE to Ferroptotic Death Signals, HpETE-PE. 2018 , 140, 17835-17839	38
2176	Arginine-Rich Manganese Silicate Nanobubbles as a Ferroptosis-Inducing Agent for Tumor-Targeted Theranostics. 2018 , 12, 12380-12392	180
2175	Molecular mechanisms of non-thermal plasma-induced effects in cancer cells. 2018 , 400, 87-91	27

2174	Potential therapeutic role of Co-Q10 in alleviating intervertebral disc degeneration and suppressing IL-1 β mediated inflammatory reaction in NP cells. 2018 , 64, 424-431	16
2173	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. 2018 , 9, 3834	71
2172	Apoptosis and necroptosis in the liver: a matter of life and death. 2018 , 15, 738-752	192
2171	Evaluation of Different Formulations and Routes for the Delivery of the Ionizing Radiation Mitigator GS-Nitroxide (JP4-039). 2018 , 32, 1009-1023	6
2170	The Role of NCOA4-Mediated Ferritinophagy in Health and Disease. 2018 , 11,	89
2169	Oxidative Stress, Selenium Redox Systems Including GPX/TXNRD Families. 2018 , 111-135	3
2168	Unraveling the Role of Heme in Neurodegeneration. 2018 , 12, 712	23
2167	What we need to know about lipid-associated injury in case of renal ischemia-reperfusion. 2018 , 315, F1714-F1719	14
2166	Clinically relevant radioresistant cells exhibit resistance to HO by decreasing internal HO and lipid peroxidation. 2018 , 40, 1010428318799250	10
2165	Metabolic control of ferroptosis in cancer. 2018 , 20, 1104-1105	16
2164	Modulation of Iron Metabolism in Response to Infection: Twists for All Tastes. 2018 , 11,	17
2163	BAP1 links metabolic regulation of ferroptosis to tumour suppression. 2018 , 20, 1181-1192	278
2162	Manganese causes neurotoxic iron accumulation via translational repression of amyloid precursor protein and H-Ferritin. 2018 , 147, 831-848	44
2161	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. 2018 , 128, 3341-3355	215
2160	Selenium unmasks protective iron armor: A possible defense against cutaneous inflammation and cancer. 2018 , 1862, 2518-2527	15
2159	Ferroptosis-inducing agents compromise in vitro human islet viability and function. 2018 , 9, 595	46
2158	Regulated Cell Death Seen through the Lens of Islet Transplantation. 2018 , 27, 890-901	24
2157	Regulation of lipid peroxidation and ferroptosis in diverse species. 2018 , 32, 602-619	183

2156	Cell Death Pathways Drive Necroinflammation during Acute Kidney Injury. 2018 , 140, 144-147	22
2155	Cell clustering mediated by the adhesion protein PVRL4 is necessary for $\beta 4$ integrin-promoted ferroptosis resistance in matrix-detached cells. 2018 , 293, 12741-12748	28
2154	Magnesium isoglycyrrhizinate ameliorates liver fibrosis and hepatic stellate cell activation by regulating ferroptosis signaling pathway. 2018 , 106, 125-133	50
2153	Iron metabolism gene expression and prognostic features of hepatocellular carcinoma. 2018 , 119, 9178-9204	28
2152	Monitoring the action of redox-directed cancer therapeutics using a human peroxiredoxin-2-based probe. 2018 , 9, 3145	30
2151	Targeting Nrf2 to Suppress Ferroptosis and Mitochondrial Dysfunction in Neurodegeneration. 2018 , 12, 466	159
2150	AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System X Activity. 2018 , 28, 2388-2399.e5	234
2149	A promising new approach to cancer therapy: Targeting iron metabolism in cancer stem cells. 2018 , 53, 125-138	51
2148	The Aging of Iron Man. 2018 , 10, 65	84
2147	High Dietary Iron Supplement Induces the Nigrostriatal Dopaminergic Neurons Lesion in Transgenic Mice Expressing Mutant A53T Human Alpha-Synuclein. 2018 , 10, 97	8
2146	Novel Mitochondria-Targeted Furocoumarin Derivatives as Possible Anti-Cancer Agents. 2018 , 8, 122	22
2145	Pushing the Limits of Cancer Therapy: The Nutrient Game. 2018 , 8, 148	28
2144	Glutathione depletion induces ferroptosis, autophagy, and premature cell senescence in retinal pigment epithelial cells. 2018 , 9, 753	167
2143	HER2-Targeted Multifunctional Silica Nanoparticles Specifically Enhance the Radiosensitivity of HER2-Overexpressing Breast Cancer Cells. 2018 , 19,	10
2142	Alterations in Cellular Iron Metabolism Provide More Therapeutic Opportunities for Cancer. 2018 , 19,	47
2141	Fatty Acid-Stimulated Insulin Secretion vs. Lipotoxicity. 2018 , 23,	44
2140	Fatty acid activation in carcinogenesis and cancer development: Essential roles of long-chain acyl-CoA synthetases. 2018 , 16, 1390-1396	57
2139	Photosensitized Membrane Permeabilization Requires Contact-Dependent Reactions between Photosensitizer and Lipids. 2018 , 140, 9606-9615	106

2138	Iron-dependent cleavage of ribosomal RNA during oxidative stress in the yeast. 2018 , 293, 14237-14248	19
2137	The p53 Tumor Suppressor in the Control of Metabolism and Ferroptosis. 2018 , 9, 124	83
2136	Amino acid transporter SLC7A11/xCT at the crossroads of regulating redox homeostasis and nutrient dependency of cancer. 2018 , 38, 12	207
2135	Vitamin E hydroquinone is an endogenous regulator of ferroptosis via redox control of 15-lipoxygenase. 2018 , 13, e0201369	66
2134	Tailoring Chemotherapy for the African-Centric S47 Variant of TP53. 2018 , 78, 5694-5705	5
2133	Ferroptosis, a Recent Defined Form of Critical Cell Death in Neurological Disorders. 2018 , 66, 197-206	77
2132	Toxicity mechanism-based prodrugs: glutathione-dependent bioactivation as a strategy for anticancer prodrug design. 2018 , 13, 815-824	4
2131	APD-Containing Cyclolipodepsipeptides Target Mitochondrial Function in Hypoxic Cancer Cells. 2018 , 25, 1337-1349.e12	17
2130	Iron and Cancer. 2018 , 38, 97-125	141
2129	Iron and Alzheimer's Disease: An Update on Emerging Mechanisms. 2018 , 64, S379-S395	127
2128	Unsolved mysteries: How does lipid peroxidation cause ferroptosis?. 2018 , 16, e2006203	239
2127	Effects of intracellular iron overload on cell death and identification of potent cell death inhibitors. 2018 , 503, 297-303	41
2126	Ferroptosis and necroinflammation, a yet poorly explored link. 2019 , 26, 14-24	125
2125	Dysregulation of iron metabolism in cancer stem cells. 2019 , 133, 216-220	43
2124	The tumor suppressor protein p53 and the ferroptosis network. 2019 , 133, 162-168	159
2123	Endoplasmic Reticulum redox pathways: in sickness and in health. 2019 , 286, 311-321	12
2122	Role of iron metabolism in heart failure: From iron deficiency to iron overload. 2019 , 1865, 1925-1937	42
2121	Mechanisms of cardiac iron homeostasis and their importance to heart function. 2019 , 133, 234-237	28

2120	O-GlcNAcylated c-Jun antagonizes ferroptosis via inhibiting GSH synthesis in liver cancer. 2019 , 63, 109384	21
2119	Fe/Fe Ions Chelated with Ultrasmall Polydopamine Nanoparticles Induce Ferroptosis for Cancer Therapy. 2019 , 5, 4861-4869	38
2118	Iron and lung cancer. 2019 , 464, 56-61	33
2117	Non-thermal plasma specifically kills oral squamous cell carcinoma cells in a catalytic Fe(II)-dependent manner. 2019 , 65, 8-15	21
2116	Connecting the Dots in the Neuroglobin-Protein Interaction Network of an Unstressed and Ferroptotic Cell Death Neuroblastoma Model. 2019 , 8,	8
2115	The role of ferroptosis in digestive system cancer. 2019 , 18, 2159-2164	8
2114	Iron and oxidizing species in oxidative stress and Alzheimer's disease. 2019 , 2, 82-87	37
2113	New insights into the role of iron in inflammation and atherosclerosis. 2019 , 47, 598-606	45
2112	A New Approach in Cancer Treatment: Discovery of Chlorido[η^5 -disalicylidene-1,2-phenylenediamine]iron(III) Complexes as Ferroptosis Inducers. 2019 , 62, 8053-8061	27
2111	Neuroprotective action of PHD inhibitors is predominantly HIF-1-independent: An Editorial for 'Sex differences in neonatal mouse brain injury after hypoxia-ischemia and adaptaquin treatment' on page 759. 2019 , 150, 645-647	6
2110	Fundamental Mechanisms of Regulated Cell Death and Implications for Heart Disease. 2019 , 99, 1765-1817	221
2109	PM2.5 induces ferroptosis in human endothelial cells through iron overload and redox imbalance. 2019 , 254, 112937	71
2108	Organization of the Skin Immune System and Compartmentalized Immune Responses in Infectious Diseases. 2019 , 32,	37
2107	Involvement of cigarette smoke-induced epithelial cell ferroptosis in COPD pathogenesis. 2019 , 10, 3145	141
2106	Ferroptosis Induction in Pentylentetrazole Kindling and Pilocarpine-Induced Epileptic Seizures in Mice. 2019 , 13, 721	32
2105	Yin-Yang Mechanisms Regulating Lipid Peroxidation of Docosahexaenoic Acid and Arachidonic Acid in the Central Nervous System. 2019 , 10, 642	38
2104	Typhaneoside prevents acute myeloid leukemia (AML) through suppressing proliferation and inducing ferroptosis associated with autophagy. 2019 , 516, 1265-1271	19
2103	Calcium-Overload-Mediated Tumor Therapy by Calcium Peroxide Nanoparticles. 2019 , 5, 2171-2182	129

2102	The Impact of Iron Overload and Ferroptosis on Reproductive Disorders in Humans: Implications for Preeclampsia. 2019 , 20,	27
2101	Manganese dioxide nanosheets: from preparation to biomedical applications. 2019 , 14, 4781-4800	33
2100	Intercellular interaction dictates cancer cell ferroptosis via NF2-YAP signalling. 2019 , 572, 402-406	245
2099	Clockophagy is a novel selective autophagy process favoring ferroptosis. 2019 , 5, eaaw2238	137
2098	Role of GRP78 inhibiting artesunate-induced ferroptosis in mutant pancreatic cancer cells. 2019 , 13, 2135-2144	35
2097	TRAF4 Promotes Fibroblast Proliferation in Keloids by Destabilizing p53 via Interacting with the Deubiquitinase USP10. 2019 , 139, 1925-1935.e5	15
2096	Boosting the Ferroptotic Antitumor Efficacy via Site-Specific Amplification of Tailored Lipid Peroxidation. 2019 , 11, 29655-29666	29
2095	Development of a Water-Soluble Indolylmaleimide Derivative IM-93 Showing Dual Inhibition of Ferroptosis and NETosis. 2019 , 10, 1272-1278	3
2094	Nano-bio interactions: a neutrophil-centric view. 2019 , 10, 569	41
2093	Stearoyl-CoA Desaturase 1 Protects Ovarian Cancer Cells from Ferroptotic Cell Death. 2019 , 79, 5355-5366	121
2092	A Physiological Function for Ferroptosis in Tumor Suppression by the Immune System. 2019 , 30, 14-15	67
2091	Exquisite sensitivity of adrenocortical carcinomas to induction of ferroptosis. 2019 , 116, 22269-22274	49
2090	Recent Progress in Ferroptosis Inducers for Cancer Therapy. 2019 , 31, e1904197	391
2089	Factors Limiting the Growth of Eucalyptus and the Characteristics of Growth and Water Use under Water and Fertilizer Management in the Dry Season of Leizhou Peninsula, China. 2019 , 9, 590	7
2088	Stem Cell Modeling of Neuroferritinopathy Reveals Iron as a Determinant of Senescence and Ferroptosis during Neuronal Aging. 2019 , 13, 832-846	28
2087	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. 2019 , 10, 755	16
2086	Ferroptosis in Health and Disease. 2019 ,	1
2085	Programmed Cell-Death by Ferroptosis: Antioxidants as Mitigators. 2019 , 20,	131

2084	Transsulfuration Activity Can Support Cell Growth upon Extracellular Cysteine Limitation. 2019 , 30, 865-876.e570	
2083	Triggered All-Active Metal Organic Framework: Ferroptosis Machinery Contributes to the Apoptotic Photodynamic Antitumor Therapy. 2019 , 19, 7866-7876	106
2082	Ferroptosis Accompanied by OH Generation and Cytoplasmic Viscosity Increase Revealed via Dual-Functional Fluorescence Probe. 2019 , 141, 18301-18307	106
2081	Redox active metals in neurodegenerative diseases. 2019 , 24, 1141-1157	31
2080	Biophysical methods for quality evaluation of decellularized and recellularized tissue-engineered constructs of organs and tissues. 2019 , 44, 1	1
2079	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. 2020 , 32, e1904337	61
2078	Traveling wave solutions in delayed higher dimensional lattice differential systems with partial monotonicity. 2019 , 292, 2624-2636	
2077	Liproxstatin-1 Attenuates Morphine Tolerance through Inhibiting Spinal Ferroptosis-like Cell Death. 2019 , 10, 4824-4833	11
2076	Reactive Oxygen Species-Induced Lipid Peroxidation in Apoptosis, Autophagy, and Ferroptosis. 2019 , 2019, 5080843	324
2075	Prominin2 Drives Ferroptosis Resistance by Stimulating Iron Export. 2019 , 51, 575-586.e4	126
2074	The Transsulfuration Pathway Makes, the Tumor Takes. 2019 , 30, 845-846	4
2073	Quantitative proteomic analyses reveal that GPX4 downregulation during myocardial infarction contributes to ferroptosis in cardiomyocytes. 2019 , 10, 835	85
2072	Extracellular vesicles from endothelial progenitor cells prevent steroid-induced osteoporosis by suppressing the ferroptotic pathway in mouse osteoblasts based on bioinformatics evidence. 2019 , 9, 16130	17
2071	Pannexin 1 mediates ferroptosis that contributes to renal ischemia/reperfusion injury. 2019 , 294, 19395-19404.55	
2070	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. <i>Cell</i> , 2019 , 179, 1222-1238.e17	56.2 47
2069	FSP1 is a glutathione-independent ferroptosis suppressor. 2019 , 575, 693-698	663
2068	Lesion of the Locus Coeruleus Damages Learning and Memory Performance in Paraquat and Maneb-induced Mouse Parkinson's Disease Model. 2019 , 419, 129-140	16
2067	Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. 2019 , 11, 42988-42997	43

2066	Iron, Ferritin, Hereditary Ferritinopathy, and Neurodegeneration. 2019 , 13, 1195	45
2065	Anti-tumor effect of sulfasalazine in neuroblastoma. 2019 , 162, 237-249	16
2064	The Emerging Roles of Ferroptosis in Vascular Cognitive Impairment. 2019 , 13, 811	32
2063	Brain Iron Metabolism and CNS Diseases. 2019 ,	9
2062	Iron Pathophysiology in Parkinson Diseases. 2019 , 1173, 45-66	21
2061	Multilevel Impacts of Iron in the Brain: The Cross Talk between Neurophysiological Mechanisms, Cognition, and Social Behavior. 2019 , 12,	19
2060	Inhibition of neuronal ferroptosis in the acute phase of intracerebral hemorrhage shows long-term cerebroprotective effects. 2019 , 153, 122-132	54
2059	Carbonic anhydrase 9 confers resistance to ferroptosis/apoptosis in malignant mesothelioma under hypoxia. 2019 , 26, 101297	44
2058	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. 2019 , 223, 119486	68
2057	Understanding membrane remodelling initiated by photosensitized lipid oxidation. 2019 , 254, 106263	23
2056	Mitochondrial membrane anchored photosensitive nano-device for lipid hydroperoxides burst and inducing ferroptosis to surmount therapy-resistant cancer. 2019 , 9, 6209-6223	69
2055	Population Dynamics in Cell Death: Mechanisms of Propagation. 2019 , 5, 558-568	23
2054	Programmed degradation of a hierarchical nanoparticle with redox and light responsivity for self-activated photo-chemical enhanced chemodynamic therapy. 2019 , 224, 119498	61
2053	Metadherin enhances vulnerability of cancer cells to ferroptosis. 2019 , 10, 682	18
2052	miR-212-5p attenuates ferroptotic neuronal death after traumatic brain injury by targeting Ptgs2. 2019 , 12, 78	47
2051	Targeting Reactive Oxygen Species in Cancer via Chinese Herbal Medicine. 2019 , 2019, 9240426	27
2050	Dihydroartemisinin-induced unfolded protein response feedback attenuates ferroptosis via PERK/ATF4/HSPA5 pathway in glioma cells. 2019 , 38, 402	74
2049	Radiotherapy and Immunotherapy Promote Tumoral Lipid Oxidation and Ferroptosis via Synergistic Repression of SLC7A11. 2019 , 9, 1673-1685	252

2048	Beyond DPPH: Use of Fluorescence-Enabled Inhibited Autoxidation to Predict Oxidative Cell Death Rescue. 2019 , 26, 1594-1607.e7	30
2047	Polystyrene Nanoparticles Reduced ROS and Inhibited Ferroptosis by Triggering Lysosome Stress and TFEB Nucleus Translocation in a Size-Dependent Manner. 2019 , 19, 7781-7792	28
2046	Ferritin heavy chain protects the developing wing from reactive oxygen species and ferroptosis. 2019 , 15, e1008396	26
2045	BHQ-Cyanine-Based "Off-On" Long-Circulating Assembly as a Ferroptosis Amplifier for Cancer Treatment: A Lipid-Peroxidation Burst Device. 2019 , 11, 42873-42884	29
2044	What Is Next in This "Age" of Heme-Driven Pathology and Protection by Hemopexin? An Update and Links with Iron. 2019 , 12,	8
2043	The Role of Bioactive Lipids in Cancer, Inflammation and Related Diseases. 2019 ,	3
2042	Localized Free Radicals Burst Triggered by NIR-II Light for Augmented Low-Temperature Photothermal Therapy. 2019 , 11, 38555-38567	39
2041	Epigenetics-inspired photosensitizer modification for plasma membrane-targeted photodynamic tumor therapy. 2019 , 224, 119497	17
2040	The H2S-Nrf2-Antioxidant Proteins Axis Protects Renal Tubular Epithelial Cells of the Native Hibernator Syrian Hamster from Reoxygenation-Induced Cell Death. 2019 , 8,	6
2039	Ferroptosis as a target for protection against cardiomyopathy. 2019 , 116, 2672-2680	511
2038	NRF2 plays a critical role in mitigating lipid peroxidation and ferroptosis. 2019 , 23, 101107	319
2037	Assessment of zero-valent iron-based nanotherapeutics for ferroptosis induction and resensitization strategy in cancer cells. 2019 , 7, 1311-1322	33
2036	Exogenous Monounsaturated Fatty Acids Promote a Ferroptosis-Resistant Cell State. 2019 , 26, 420-432.e9	202
2035	Ferroptosis Contributes to Isoflurane Neurotoxicity. 2018 , 11, 486	21
2034	Secondary-Ion Mass Spectrometry Images Cardiolipins and Phosphatidylethanolamines at the Subcellular Level. 2019 , 58, 3156-3161	35
2033	Secondary-Ion Mass Spectrometry Images Cardiolipins and Phosphatidylethanolamines at the Subcellular Level. 2019 , 131, 3188-3193	19
2032	The Deubiquitylase OTUB1 Mediates Ferroptosis via Stabilization of SLC7A11. 2019 , 79, 1913-1924	114
2031	Noxious Iron-Calcium Connections in Neurodegeneration. 2019 , 13, 48	25

2030	A Genome-wide Haploid Genetic Screen Identifies Regulators of Glutathione Abundance and Ferroptosis Sensitivity. 2019 , 26, 1544-1556.e8	82
2029	Iron as Soul of Life on Earth Revisited: From Chemical Reaction, Ferroptosis to Therapeutics. 2019 , 133, 1-2	4
2028	Singlet Molecular Oxygen Reactions with Nucleic Acids, Lipids, and Proteins. 2019 , 119, 2043-2086	191
2027	Chaperone-mediated autophagy is involved in the execution of ferroptosis. 2019 , 116, 2996-3005	158
2026	The Potential Role of Ferroptosis in Neonatal Brain Injury. 2019 , 13, 115	46
2025	Catechol thioethers with physiologically active fragments: Electrochemistry, antioxidant and cryoprotective activities. 2019 , 89, 103003	11
2024	Epigenetic regulation of ferroptosis by H2B monoubiquitination and p53. 2019 , 20, e47563	62
2023	Coordinatively Unsaturated Fe Based Activatable Probes for Enhanced MRI and Therapy of Tumors. 2019 , 58, 11088-11096	74
2022	Altered dietary selenium influences brain iron content and behavioural outcomes. 2019 , 372, 112011	12
2021	Emerging therapeutic targets associated with the immune system in patients with intracerebral haemorrhage (ICH): From mechanisms to translation. 2019 , 45, 615-623	22
2020	Emerging Opportunities To Manipulate Metal Trafficking for Therapeutic Benefit. 2019 , 58, 13528-13545	21
2019	Effects of Acute Ethanol Administration on Brain Oxidative Status: The Role of Acetaldehyde. 2019 , 43, 1672-1681	5
2018	Identification of monocyte-like precursors of granulocytes in cancer as a mechanism for accumulation of PMN-MDSCs. 2019 , 216, 2150-2169	43
2017	Chemische Synthesen und chemische Biologie von Carboxylpolyether-Ionophoren: Aktuelle Entwicklungen. 2019 , 131, 13764-13777	10
2016	Murine T Cell Maturation Entails Protection from MBL2, but Complement Proteins Do Not Drive Clearance of Cells That Fail Maturation in the Absence of NKAP. 2019 , 203, 408-417	3
2015	Ferroptosis - An iron- and disorder-dependent programmed cell death. 2019 , 135, 1052-1069	23
2014	Coordinatively Unsaturated Fe ³⁺ Based Activatable Probes for Enhanced MRI and Therapy of Tumors. 2019 , 131, 11205-11213	10
2013	The cystine/glutamate antiporter xCT is a key regulator of EphA2 S897 phosphorylation under glucose-limited conditions. 2019 , 62, 109329	11

2012	Interrogating Parkinson's disease associated redox targets: Potential application of CRISPR editing. 2019 , 144, 279-292	9
2011	Cell recovery by reversal of ferroptosis. 2019 , 8,	22
2010	Recent development on liquid chromatography-mass spectrometry analysis of oxidized lipids. 2019 , 144, 16-34	18
2009	Role of TLR4/NADPH oxidase 4 pathway in promoting cell death through autophagy and ferroptosis during heart failure. 2019 , 516, 37-43	70
2008	Sex differences in neonatal mouse brain injury after hypoxia-ischemia and adaptaquin treatment. 2019 , 150, 759-775	7
2007	Baicalein Exerts Neuroprotective Effects in FeCl-Induced Posttraumatic Epileptic Seizures Suppressing Ferroptosis. 2019 , 10, 638	45
2006	Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. 2019 , 106, 57-81	22
2005	The Non-Essential Amino Acid Cysteine Becomes Essential for Tumor Proliferation and Survival. 2019 , 11,	88
2004	Phospholipid oxidation products in ferroptotic myocardial cell death. 2019 , 317, H156-H163	22
2003	Adipose-Specific Lipin-1 Overexpression Renders Hepatic Ferroptosis and Exacerbates Alcoholic Steatohepatitis in Mice. 2019 , 3, 656-669	23
2002	Ferroptosis is governed by differential regulation of transcription in liver cancer. 2019 , 24, 101211	67
2001	The Coming Decade of Cell Death Research: Five Riddles. <i>Cell</i> , 2019 , 177, 1094-1107	56.2 175
2000	Aiming at Cancer In Vivo: Ferroptosis-Inducer Delivered by Nanoparticles. 2019 , 26, 621-622	13
1999	Relationship of Iron Metabolism and Short-Term Cuprizone Treatment of C57BL/6 Mice. 2019 , 20,	13
1998	Diverse compounds from pleuromutilin lead to a thioredoxin inhibitor and inducer of ferroptosis. 2019 , 11, 521-532	95
1997	TMEM16F/Anoctamin 6 in Ferroptotic Cell Death. 2019 , 11,	17
1996	Hemin-induced platelet activation and ferroptosis is mediated through ROS-driven proteasomal activity and inflammasome activation: Protection by Melatonin. 2019 , 1865, 2303-2316	36
1995	Nanocatalysts-augmented Fenton chemical reaction for nanocatalytic tumor therapy. 2019 , 211, 1-13	139

1994	Salinomycin-Loaded Gold Nanoparticles for Treating Cancer Stem Cells by Ferroptosis-Induced Cell Death. 2019 , 16, 2532-2539	61
1993	Quantitative analysis of β glutamylpeptides by liquid chromatography-mass spectrometry and application for β glutamyltransferase assays. 2019 , 578, 13-22	6
1992	The Interplay of ROS and Iron Signaling in Plants. 2019 , 43-66	7
1991	From niche methods to necessary tools: The growing importance of analytical atomic spectrometry in metal imaging in neuroscience. 2019 , 156, 20-32	7
1990	The small members of the JMJD protein family: Enzymatic jewels or jinxes?. 2019 , 1871, 406-418	17
1989	Identification of PRDX6 as a regulator of ferroptosis. 2019 , 40, 1334-1342	35
1988	Voices from the dead: The complex vocabulary and intricate grammar of dead cells. 2019 , 116, 1-90	3
1987	Selenium Drives a Transcriptional Adaptive Program to Block Ferroptosis and Treat Stroke. <i>Cell</i> , 2019 , 177, 1262-1279.e25	56.2 264
1986	Ferritinophagy is required for the induction of ferroptosis by the bromodomain protein BRD4 inhibitor (+)-JQ1 in cancer cells. 2019 , 10, 331	61
1985	DUBbing Ferroptosis in Cancer Cells. 2019 , 79, 1749-1750	12
1984	Augmenter of liver regeneration protects the kidney from ischaemia-reperfusion injury in ferroptosis. 2019 , 23, 4153-4164	27
1983	Macrophage Death as a Pharmacological Target in Atherosclerosis. 2019 , 10, 306	69
1982	Contribution of Anoctamins to Cell Survival and Cell Death. 2019 , 11,	36
1981	A high-fat high-sugar diet in adolescent rats impairs social memory and alters chemical markers characteristic of atypical neuroplasticity and parvalbumin interneuron depletion in the medial prefrontal cortex. 2019 , 10, 1985-1998	23
1980	Cell Death: Many Causes and Many Effects. 2019 , 105-149	
1979	Iron in Neurodegeneration - Cause or Consequence?. 2019 , 13, 180	101
1978	GPX4 at the Crossroads of Lipid Homeostasis and Ferroptosis. 2019 , 19, e1800311	173
1977	The gut microbiota promotes the pathogenesis of schizophrenia via multiple pathways. 2019 , 512, 373-380	26

1976	A mini-review and perspective on ferroptosis-inducing strategies in cancer therapy. 2019 , 30, 847-852	26
1975	Iron metabolism and its contribution to cancer (Review). 2019 , 54, 1143-1154	33
1974	Isobavachalcone reveals novel characteristics of methuosis-like cell death in leukemia cells. 2019 , 304, 131-138	13
1973	Intraleaflet Hemorrhage and Iron-Dependent Pathomechanisms in Calcific Aortic Valve Disease: Epiphenomenon or Major Actor?. 2019 , 73, 1055-1058	3
1972	Rationale and Current Evidence for Testing Iron Chelators for Treating Stroke. 2019 , 21, 20	9
1971	The potential of breath analysis to improve outcome for patients with lung cancer. 2019 , 13, 034002	20
1970	The Unfolded Protein Response in Cancer. 2019 ,	1
1969	Targeting the Iron-Response Elements of the mRNAs for the Alzheimer's Amyloid Precursor Protein and Ferritin to Treat Acute Lead and Manganese Neurotoxicity. 2019 , 20,	9
1968	Cell death in drug-induced liver injury. 2019 , 85, 31-74	25
1967	ATF4, Hypoxia and Treatment Resistance in Cancer. 2019 , 75-108	1
1966	Regulation of H2A ubiquitination and SLC7A11 expression by BAP1 and PRC1. 2019 , 18, 773-783	38
1965	Enzymatically oxidized phospholipids assume center stage as essential regulators of innate immunity and cell death. 2019 , 12,	36
1964	HLA class II antibodies induce necrotic cell death in human endothelial cells via a lysosomal membrane permeabilization-mediated pathway. 2019 , 10, 235	12
1963	Iron Metabolism in Liver Cancer Stem Cells. 2019 , 9, 149	7
1962	Induction of two independent immunological cell death signaling following hemoglobinuria -induced acute kidney injury: In vivo study. 2019 , 163, 23-31	5
1961	Chemical Syntheses and Chemical Biology of Carboxyl Polyether Ionophores: Recent Highlights. 2019 , 58, 13630-13642	23
1960	ALOX12 is required for p53-mediated tumour suppression through a distinct ferroptosis pathway. 2019 , 21, 579-591	197
1959	Mechanistic basis for impaired ferroptosis in cells expressing the African-centric S47 variant of p53. 2019 , 116, 8390-8396	33

1958	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. 2019 , 10, 1617	218
1957	Small-Molecule Ferroptotic Agents with Potential to Selectively Target Cancer Stem Cells. 2019 , 9, 5926	23
1956	The Role of Mitochondrial and Endoplasmic Reticulum Reactive Oxygen Species Production in Models of Perinatal Brain Injury. 2019 , 31, 643-663	12
1955	Current Status and Challenges of NRF2 as a Potential Therapeutic Target for Diabetic Cardiomyopathy. 2019 , 60, 512-520	35
1954	Targeting ferroptosis: A novel therapeutic strategy for the treatment of mitochondrial disease-related epilepsy. 2019 , 14, e0214250	28
1953	"Redox lipidomics technology: Looking for a needle in a haystack". 2019 , 221, 93-107	26
1952	Iron Redox Speciation Analysis Using Capillary Electrophoresis Coupled to Inductively Coupled Plasma Mass Spectrometry (CE-ICP-MS). 2019 , 7, 136	15
1951	NCOA4-Mediated Ferritinophagy: A Potential Link to Neurodegeneration. 2019 , 13, 238	66
1950	Factors that May Protect the Native Hibernator Syrian Hamster Renal Tubular Epithelial Cells from Ferroptosis Due to Warm Anoxia-Reoxygenation. 2019 , 8,	9
1949	The molecular machinery of regulated cell death. 2019 , 29, 347-364	583
1948	Imidazole Ketone Erastin Induces Ferroptosis and Slows Tumor Growth in a Mouse Lymphoma Model. 2019 , 26, 623-633.e9	185
1947	The pathological features of regulated necrosis. 2019 , 247, 697-707	70
1946	Cell-cell contacts protect against t-BuOOH-induced cellular damage and ferroptosis in vitro. 2019 , 93, 1265-1279	21
1945	NADPH oxidase regulates paraquat and maneb-induced dopaminergic neurodegeneration through ferroptosis. 2019 , 417, 64-73	45
1944	Ischemia-induced ACSL4 activation contributes to ferroptosis-mediated tissue injury in intestinal ischemia/reperfusion. 2019 , 26, 2284-2299	217
1943	Three cell deaths and a funeral: macrophage clearance of cells undergoing distinct modes of cell death. 2019 , 5, 65	50
1942	Ferroptosis Contributes to Neuronal Death and Functional Outcome After Traumatic Brain Injury. 2019 , 47, 410-418	97
1941	Nanocatalytic Tumor Therapy by Single-Atom Catalysts. 2019 , 13, 2643-2653	166

1940	Broken hearts: Iron overload, ferroptosis and cardiomyopathy. 2019 , 29, 263-264	20
1939	A ferroptosis-based panel of prognostic biomarkers for Amyotrophic Lateral Sclerosis. 2019 , 9, 2918	56
1938	The Flavone Baicalein and Its Use in Gastrointestinal Disease. 2019 , 145-155	1
1937	A major role for ferroptosis in -induced cell death and tissue necrosis. 2019 , 216, 556-570	92
1936	Time-dependent p53 inhibition determines senescence attenuation and long-term outcome after renal ischemia-reperfusion. 2019 , 316, F1124-F1132	6
1935	Tuning the way to die: implications of membrane perturbations in necroptosis. 2019 , 201-247	5
1934	Long noncoding RNA LINC00336 inhibits ferroptosis in lung cancer by functioning as a competing endogenous RNA. 2019 , 26, 2329-2343	204
1933	Unsupervised identification of disease states from high-dimensional physiological and histopathological profiles. 2019 , 15, e8636	11
1932	Small variations in nanoparticle structure dictate differential cellular stress responses and mode of cell death. 2019 , 13, 761-782	16
1931	p53 as a hub in cellular redox regulation and therapeutic target in cancer. 2019 , 11, 330-341	42
1930	ACSL4 suppresses glioma cells proliferation via activating ferroptosis. 2020 , 43, 147-158	40
1929	[Opposite effects of cystine/glutamate antiporter xCT inhibitors on cancer progression]. 2019 , 153, 88	
1928	Ferroptosis in Carcinoma: Regulatory Mechanisms and New Method for Cancer Therapy. 2019 , 12, 11291-11304	35
1927	Erastin Reverses ABCB1-Mediated Docetaxel Resistance in Ovarian Cancer. 2019 , 9, 1398	36
1926	Sulfosalicylic acid/Fe based nanoscale coordination polymers for effective cancer therapy by the Fenton reaction: an inspiration for understanding the role of aspirin in the prevention of cancer. 2019 , 7, 5482-5491	11
1925	Heme: emergent roles of heme in signal transduction, functional regulation and as catalytic centres. 2019 , 48, 5624-5657	64
1924	Recent progress in the augmentation of reactive species with nanoplatforms for cancer therapy. 2019 , 11, 19658-19683	57
1923	Hemolysis Derived Products Toxicity and Endothelium: Model of the Second Hit. 2019 , 11,	23

1922	Emerging Role of Ferroptosis in Acute Kidney Injury. 2019 , 2019, 8010614	52
1921	Reactions of the Lipid Hydroperoxides With Aminic Antioxidants: The Influence of Stereoelectronic and Resonance Effects on Hydrogen Atom Transfer. 2019 , 7, 850	2
1920	The chemical basis of ferroptosis. 2019 , 15, 1137-1147	194
1919	Erastin, a ferroptosis-inducing agent, sensitized cancer cells to X-ray irradiation via glutathione starvation in vitro and in vivo. 2019 , 14, e0225931	51
1918	Radical Scavenging Activity of Puerarin: A Theoretical Study. 2019 , 8,	15
1917	UEG Week 2019 Oral Presentations. 2019 , 7, 10-188	6
1916	Iron chelation by curcumin suppresses both curcumin-induced autophagy and cell death together with iron overload neoplastic transformation. 2019 , 5, 150	25
1915	The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. 2019 , 575, 688-692	673
1914	Finding the Hidden (Statistical) Platform. 2019 , 47, 480-483	2
1913	Editorial: Mitochondrial Dysfunction and Neurodegeneration. 2019 , 13, 1372	12
1912	Supranutritional Sodium Selenate Supplementation Delivers Selenium to the Central Nervous System: Results from a Randomized Controlled Pilot Trial in Alzheimer's Disease. 2019 , 16, 192-202	34
1911	Role of GPX4 in ferroptosis and its pharmacological implication. 2019 , 133, 144-152	248
1910	The clinical relevance of necroinflammation-highlighting the importance of acute kidney injury and the adrenal glands. 2019 , 26, 68-82	18
1909	Circadian control of BDNF-mediated Nrf2 activation in astrocytes protects dopaminergic neurons from ferroptosis. 2019 , 133, 169-178	60
1908	Iron catalysis of lipid peroxidation in ferroptosis: Regulated enzymatic or random free radical reaction?. 2019 , 133, 153-161	105
1907	Organelle-specific analysis of labile Fe(ii) during ferroptosis by using a cocktail of various colour organelle-targeted fluorescent probes. 2019 , 11, 111-117	32
1906	Early intraoperative iron-binding proteins are associated with acute kidney injury after cardiac surgery. 2019 , 157, 287-297.e2	15
1905	NSC-34 motor neuron-like cells are sensitized to ferroptosis upon differentiation. 2019 , 9, 582-593	10

1904	Targeting Cancer Stem Cell Redox Metabolism to Enhance Therapy Responses. 2019 , 29, 42-54	30
1903	A Dual Role of Heme Oxygenase-1 in Cancer Cells. 2018 , 20,	140
1902	Cell death pathologies: targeting death pathways and the immune system for cancer therapy. 2019 , 20, 539-554	22
1901	Iron- and Reactive Oxygen Species-Dependent Ferroptotic Cell Death in Rice- Interactions. 2019 , 31, 189-209	64
1900	Mesenchymal-epithelial transition in development and reprogramming. 2019 , 21, 44-53	104
1899	Lipid Peroxidation Drives Renal Cyst Growth through Activation of TMEM16A. 2019 , 30, 228-242	35
1898	Role of Mitochondria in Ferroptosis. 2019 , 73, 354-363.e3	416
1897	Role of pyroptosis in cardiovascular diseases. 2019 , 67, 311-318	90
1896	Contribution of Oxidative Stress and Impaired Biogenesis of Pancreatic β Cells to Type 2 Diabetes. 2019 , 31, 722-751	30
1895	Ferroptosis as a Novel Therapeutic Target for Friedreich's Ataxia. 2019 , 369, 47-54	57
1894	Ferroptosis: The Greasy Side of Cell Death. 2019 , 32, 362-369	26
1893	Nanomaterial-induced ferroptosis for cancer specific therapy. 2019 , 382, 160-180	80
1892	On the role of synthesized hydroxylated chalcones as dual functional amyloid- β aggregation and ferroptosis inhibitors for potential treatment of Alzheimer's disease. 2019 , 166, 11-21	45
1891	Non-thermal plasma-activated medium modified metabolomic profiles in the glycolysis of U251SP glioblastoma. 2019 , 662, 83-92	21
1890	Redox biology of regulated cell death in cancer: A focus on necroptosis and ferroptosis. 2019 , 134, 177-189	43
1889	Programmed Necrosis and Disease: We interrupt your regular programming to bring you necroinflammation. 2019 , 26, 25-40	58
1888	The Hallmarks of Ferroptosis. 2019 , 3, 35-54	170
1887	Review of microbial resistance to chronic ionizing radiation exposure under environmental conditions. 2019 , 196, 50-63	26

1886	Iron addiction with ferroptosis-resistance in asbestos-induced mesothelial carcinogenesis: Toward the era of mesothelioma prevention. 2019 , 133, 206-215	37
1885	P53-dependent induction of ferroptosis is required for artemether to alleviate carbon tetrachloride-induced liver fibrosis and hepatic stellate cell activation. 2019 , 71, 45-56	54
1884	Non-transferrin-bound iron transporters. 2019 , 133, 101-111	77
1883	Lipid storage and lipophagy regulates ferroptosis. 2019 , 508, 997-1003	123
1882	Dynamics and functions of lipid droplets. 2019 , 20, 137-155	612
1881	BAP1 suppresses tumor development by inducing ferroptosis upon SLC7A11 repression. 2019 , 6, 1536845	34
1880	Methodology of drug screening and target identification for new necroptosis inhibitors. 2019 , 9, 71-76	8
1879	The development of the concept of ferroptosis. 2019 , 133, 130-143	284
1878	Inhibition of ferroptosis attenuates tissue damage and improves long-term outcomes after traumatic brain injury in mice. 2019 , 25, 465-475	93
1877	Ascorbate and ferritin interactions: Consequences for iron release in vitro and in vivo and implications for inflammation. 2019 , 133, 75-87	26
1876	Brain iron is associated with accelerated cognitive decline in people with Alzheimer pathology. 2020 , 25, 2932-2941	89
1875	Artemisinin compounds sensitize cancer cells to ferroptosis by regulating iron homeostasis. 2020 , 27, 242-254	116
1874	Pan-cancer analysis of iron metabolic landscape across the Cancer Genome Atlas. 2020 , 235, 1013-1024	23
1873	Keeping heart homeostasis in check through the balance of iron metabolism. 2020 , 228, e13324	15
1872	Targeting ferroptosis in rhabdomyosarcoma cells. 2020 , 146, 510-520	20
1871	Ferroptosis is a type of autophagy-dependent cell death. 2020 , 66, 89-100	215
1870	The physiology of intrapartum fetal compromise at term. 2020 , 222, 17-26	43
1869	A ferroptosis-inducing iridium(III) complex. 2020 , 63, 65-72	8

1868	Intestinal SIRT1 Deficiency Protects Mice from Ethanol-Induced Liver Injury by Mitigating Ferroptosis. 2020 , 190, 82-92	40
1867	Arsenic induces pancreatic dysfunction and ferroptosis via mitochondrial ROS-autophagy-lysosomal pathway. 2020 , 384, 121390	83
1866	ATF3 promotes erastin-induced ferroptosis by suppressing system Xc. 2020 , 27, 662-675	114
1865	Kinome screen of ferroptosis reveals a novel role of ATM in regulating iron metabolism. 2020 , 27, 1008-1022	69
1864	Ferroptosis caused by cysteine insufficiency and oxidative insult. 2020 , 54, 969-980	21
1863	Quantitative susceptibility mapping in spinocerebellar ataxia type 3/Machado-Joseph disease (SCA3/MJD). 2020 , 61, 520-527	1
1862	Alkaliptosis: a new weapon for cancer therapy. 2020 , 27, 267-269	16
1861	Mitochondria regulation in ferroptosis. 2020 , 99, 151058	114
1860	RNA-binding protein ZFP36/TTP protects against ferroptosis by regulating autophagy signaling pathway in hepatic stellate cells. 2020 , 16, 1482-1505	87
1859	Selenium and copper status - potential signposts for neurological remission after traumatic spinal cord injury. 2020 , 57, 126415	10
1858	Acetaminophen sensitizing erastin-induced ferroptosis via modulation of Nrf2/heme oxygenase-1 signaling pathway in non-small-cell lung cancer. 2020 , 235, 3329-3339	56
1857	Inactivation of the glutathione peroxidase GPx4 by the ferroptosis-inducing molecule RSL3 requires the adaptor protein 14-3-3. 2020 , 594, 611-624	16
1856	Pharmacokinetics and absolute oral bioavailability of stemazole by UPLC-MS/MS and its bio-distribution through tritium labeling. 2020 , 12, 101-108	4
1855	Bridelia ferruginea Inhibit Rat Heart and Liver Mitochondrial Membrane Permeability Transition Pore Opening Following Myocardial Infarction. 2020 , 26, 1465-1472	1
1854	Cu (atsm) inhibits ferroptosis: Implications for treatment of neurodegenerative disease. 2020 , 177, 656-667	37
1853	Mitochondria as multifaceted regulators of cell death. 2020 , 21, 85-100	462
1852	Involvement of regulated necrosis in blinding diseases: Focus on necroptosis and ferroptosis. 2020 , 191, 107922	18
1851	The Antioxidant Role of Non-mitochondrial CoQ10: Mystery Solved!. 2020 , 31, 13-15	20

1850	Peroxiredoxin-1 regulates lipid peroxidation in corneal endothelial cells. 2020 , 30, 101417	27
1849	Deep Multilayer Brain Proteomics Identifies Molecular Networks in Alzheimer's Disease Progression. 2020 , 105, 975-991.e7	111
1848	Iron overload as a risk factor for hepatic ischemia-reperfusion injury in liver transplantation: Potential role of ferroptosis. 2020 , 20, 1606-1618	54
1847	Autophagy-dependent ferroptosis drives tumor-associated macrophage polarization via release and uptake of oncogenic KRAS protein. 2020 , 16, 2069-2083	125
1846	Modulatory role of exopolysaccharides of <i>Kluyveromyces marxianus</i> and <i>Pichia kudriavzevii</i> as probiotic yeasts from dairy products in human colon cancer cells. 2020 , 64, 103675	21
1845	Regional iron distribution and soluble ferroprotein profiles in the healthy human brain. 2020 , 186, 101744	8
1844	Vitamin C controls neuronal necroptosis under oxidative stress. 2020 , 29, 101408	10
1843	Progress toward Safe Tumor Diagnosis and Therapy via Degradable Inorganic Nanomaterials Constructed with Metabolically Safe Elements. 2020 , 3, 1028-1042	2
1842	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. 2020 , 6, 41-53	144
1841	Biomimetic Synthesis of Rhytidenone A and Mode of Action of Cytotoxic Rhytidenone F. 2020 , 132, 4144-4149	1
1840	Biomimetic Synthesis of Rhytidenone A and Mode of Action of Cytotoxic Rhytidenone F. 2020 , 59, 4115-4120	4
1839	Ferroptosis is controlled by the coordinated transcriptional regulation of glutathione and labile iron metabolism by the transcription factor BACH1. 2020 , 295, 69-82	56
1838	Fluence Rate Determines PDT Efficiency in Breast Cancer Cells Displaying Different GSH Levels. 2020 , 96, 658-667	10
1837	Beclin 1 Promotes Endosome Recruitment of Hepatocyte Growth Factor Tyrosine Kinase Substrate to Suppress Tumor Proliferation. 2020 , 80, 249-262	13
1836	State-of-the-art iron-based nanozymes for biocatalytic tumor therapy. 2020 , 5, 202-217	44
1835	Mechanisms of action of amyloid-beta and its precursor protein in neuronal cell death. 2020 , 35, 11-30	26
1834	Regulatory Phenomena in the Glutathione Peroxidase Superfamily. 2020 , 33, 498-516	73
1833	Ferroptosis Is Involved in Diabetes Myocardial Ischemia/Reperfusion Injury Through Endoplasmic Reticulum Stress. 2020 , 39, 210-225	99

1832	Effects of tocotrienol supplementation in Friedreich's ataxia: A model of oxidative stress pathology. 2020 , 245, 201-212	4
1831	A dominant autoinflammatory disease caused by non-cleavable variants of RIPK1. 2020 , 577, 109-114	81
1830	A new checkpoint against ferroptosis. 2020 , 30, 3-4	2
1829	Drugs Repurposed as Antiferroptosis Agents Suppress Organ Damage, Including AKI, by Functioning as Lipid Peroxyl Radical Scavengers. 2020 , 31, 280-296	34
1828	Ferroptosis and kidney diseases. 2020 , 52, 497-503	18
1827	How exercise induces oxidative eustress. 2020 , 447-462	2
1826	ESCRT-III-dependent membrane repair blocks ferroptosis. 2020 , 522, 415-421	53
1825	Chronic activation of anti-oxidant pathways and iron accumulation in epileptogenic malformations. 2020 , 46, 546-563	8
1824	Radiation-Induced Lipid Peroxidation Triggers Ferroptosis and Synergizes with Ferroptosis Inducers. 2020 , 15, 469-484	116
1823	Alpha lipoic acid antagonizes cytotoxicity of cobalt nanoparticles by inhibiting ferroptosis-like cell death. 2020 , 18, 141	13
1822	Emerging Roles of BRD7 in Pathophysiology. 2020 , 21,	4
1821	Novel Programmed Cell Death as Therapeutic Targets in Age-Related Macular Degeneration?. 2020 , 21,	12
1820	Intracellular amyloid toxicity induces oxytosis/ferroptosis regulated cell death. 2020 , 11, 828	21
1819	NEDD4L-mediated LTF protein degradation limits ferroptosis. 2020 , 531, 581-587	32
1818	Comprehensive Analysis of the ATP-binding Cassette Subfamily B Across Renal Cancers Identifies ABCB8 Overexpression in Phenotypically Aggressive Clear Cell Renal Cell Carcinoma. 2021 , 7, 1121-1129	1
1817	Green tea derivative (-)-epigallocatechin-3-gallate (EGCG) confers protection against ionizing radiation-induced intestinal epithelial cell death both in vitro and in vivo. 2020 , 161, 175-186	25
1816	Ferroptosis: An emerging therapeutic opportunity for cancer.. 2022 , 9, 334-346	5
1815	Nrf2: A unifying transcription factor in the pathogenesis of Fuchs' endothelial corneal dystrophy. 2020 , 37, 101763	6

1814	Inhibition of ACSL4 attenuates ferroptotic damage after pulmonary ischemia-reperfusion. 2020 , 34, 16262-16275	
1813	Participation of MicroRNAs in the Treatment of Cancer with Phytochemicals. 2020 , 25,	6
1812	Oxidative Damage and Antioxidant Defense in Ferroptosis. 2020 , 8, 586578	79
1811	Chrysophanol attenuates hepatitis B virus X protein-induced hepatic stellate cell fibrosis by regulating endoplasmic reticulum stress and ferroptosis. 2020 , 144, 172-182	21
1810	Epigenetic reprogramming of epithelial-mesenchymal transition promotes ferroptosis of head and neck cancer. 2020 , 37, 101697	31
1809	NRF2 regulates the sensitivity of human NSCLC cells to cystine deprivation-induced ferroptosis via FOCAD-FAK signaling pathway. 2020 , 37, 101702	32
1808	Nrf2-regulated redox signaling in brain endothelial cells adapted to physiological oxygen levels: Consequences for sulforaphane mediated protection against hypoxia-reoxygenation. 2020 , 37, 101708	22
1807	Systematic identification of a nuclear receptor-enriched predictive signature for erastin-induced ferroptosis. 2020 , 37, 101719	12
1806	Overdosing on iron: Elevated iron and degenerative brain disorders. 2020 , 245, 1444-1473	11
1805	Homocysteine induces oxidative stress and ferroptosis of nucleus pulposus via enhancing methylation of GPX4. 2020 , 160, 552-565	25
1804	Serum irisin levels are decreased in patients with sepsis, and exogenous irisin suppresses ferroptosis in the liver of septic mice. 2020 , 10, e173	27
1803	Lysosomal quality control of cell fate: a novel therapeutic target for human diseases. 2020 , 11, 817	18
1802	Ferroptosis: regulated cell death. 2020 , 71, 99-109	7
1801	Dynasore Blocks Ferroptosis through Combined Modulation of Iron Uptake and Inhibition of Mitochondrial Respiration. 2020 , 9,	4
1800	PLA2G6 guards placental trophoblasts against ferroptotic injury. 2020 , 117, 27319-27328	30
1799	Possible Susceptibility Genes for Intervention against Chemotherapy-Induced Cardiotoxicity. 2020 , 2020, 4894625	6
1798	Predicting nanotoxicity by an integrated machine learning and metabolomics approach. 2020 , 267, 115434	13
1797	Attenuation of the mutual elevation of iron accumulation and oxidative stress may contribute to the neuroprotective and anti-seizure effects of xenon in neonatal hypoxia-induced seizures. 2020 , 161, 212-223	6

1796	Mechanism of Ferroptosis and Its Relationships With Other Types of Programmed Cell Death: Insights for Potential Interventions After Intracerebral Hemorrhage. 2020 , 14, 589042	17
1795	Iron Metabolism in Ferroptosis. 2020 , 8, 590226	92
1794	Crosstalk Between Autophagy and Ferroptosis and Its Putative Role in Ischemic Stroke. 2020 , 14, 577403	23
1793	Toll-like receptor 4 (TLR4) expression is correlated with T2* iron deposition in response to doxorubicin treatment: cardiotoxicity risk assessment. 2020 , 10, 17013	1
1792	Quercetin Alleviates Ferroptosis of Pancreatic β Cells in Type 2 Diabetes. 2020 , 12,	36
1791	Regulation of ferroptosis by ncRNA: A new direction. 2020 , 72, 2290-2302	0
1790	Recent advances of sorafenib nanoformulations for cancer therapy: Smart nanosystem and combination therapy. 2021 , 16, 318-336	6
1789	Mitochondrial dysfunction promotes aquaporin expression that controls hydrogen peroxide permeability and ferroptosis. 2020 , 161, 60-70	21
1788	Oxidative stress-dependent frataxin inhibition mediated alcoholic hepatocytotoxicity through ferroptosis. 2020 , 445, 152584	10
1787	Magnetic field boosted ferroptosis-like cell death and responsive MRI using hybrid vesicles for cancer immunotherapy. 2020 , 11, 3637	64
1786	Molecular Mechanisms of Ferroptosis and Its Role in Pulmonary Disease. 2020 , 2020, 9547127	18
1785	Vacancies on 2D transition metal dichalcogenides elicit ferroptotic cell death. 2020 , 11, 3484	37
1784	Inhibition of Glutaredoxin 5 predisposes Cisplatin-resistant Head and Neck Cancer Cells to Ferroptosis. 2020 , 10, 7775-7786	33
1783	The role of lysosome in regulated necrosis. 2020 , 10, 1880-1903	20
1782	Extract of Naotaifang, a compound Chinese herbal medicine, protects neuron ferroptosis induced by acute cerebral ischemia in rats. 2020 , 18, 344-350	27
1781	Real-Time Imaging Redox Status in Biothiols and Ferric Metabolism of Cancer Cells in Ferroptosis Based on Switched Fluorescence Response of Gold Carbon Dots. 2020 , 92, 11420-11428	4
1780	Redox Responsive Metal Organic Framework Nanoparticles Induces Ferroptosis for Cancer Therapy. 2020 , 16, e2001251	34
1779	Inflammation in Parkinson's Disease: Mechanisms and Therapeutic Implications. 2020 , 9,	92

1778	Nano-imaging trace elements at organelle levels in substantia nigra overexpressing β -synuclein to model Parkinson's disease. 2020 , 3, 364	3
1777	The Center Cannot Hold: NRF2 Battles Ferroptosis in the 3rd Dimension. 2020 , 80, 760-761	4
1776	Connecting the "Dots": From Free Radical Lipid Autoxidation to Cell Pathology and Disease. 2020 , 120, 12757-12787	18
1775	Discovery of a novel ferroptosis inducer-talaroconvolutin A-killing colorectal cancer cells in vitro and in vivo. 2020 , 11, 988	28
1774	Clinical and Biological Significances of a Ferroptosis-Related Gene Signature in Glioma. 2020 , 10, 590861	36
1773	Novel insights into ferroptosis: Implications for age-related diseases. 2020 , 10, 11976-11997	18
1772	Cellular Dynamics of Transition Metal Exchange on Proteins: A Challenge but a Bonanza for Coordination Chemistry. 2020 , 10,	5
1771	Ferroptosis Mechanisms Involved in Neurodegenerative Diseases. 2020 , 21,	44
1770	Oncogenic activation of PI3K-AKT-mTOR signaling suppresses ferroptosis via SREBP-mediated lipogenesis. 2020 , 117, 31189-31197	112
1769	The Regulation of Ferroptosis by Tumor Suppressor p53 and its Pathway. 2020 , 21,	26
1768	Ubiquitin-Like Modifier Activating Enzyme 1 as a Novel Diagnostic and Prognostic Indicator That Correlates With Ferroptosis and the Malignant Phenotypes of Liver Cancer Cells. 2020 , 10, 592413	12
1767	Polyunsaturated fatty acid biosynthesis pathway determines ferroptosis sensitivity in gastric cancer. 2020 , 117, 32433-32442	54
1766	The Inhibitory Effect of 6-Gingerol on Ubiquitin-Specific Peptidase 14 Enhances Autophagy-Dependent Ferroptosis and Anti-Tumor and. 2020 , 11, 598555	21
1765	Using the Oxytosis/Ferroptosis Pathway to Understand and Treat Age-Associated Neurodegenerative Diseases. 2020 , 27, 1456-1471	20
1764	Targeting ferroptosis in breast cancer. 2020 , 8, 58	25
1763	Carcinogenesis as Side Effects of Iron and Oxygen Utilization: From the Unveiled Truth toward Ultimate Bioengineering. 2020 , 12,	11
1762	Ferroptosis: a new approach for immunotherapy. 2020 , 6, 122	6
1761	Inhibition of ferroptosis alleviates atherosclerosis through attenuating lipid peroxidation and endothelial dysfunction in mouse aortic endothelial cell. 2020 , 160, 92-102	72

1760	Induction of ferroptosis-like cell death of eosinophils exerts synergistic effects with glucocorticoids in allergic airway inflammation. 2020 , 75, 918-927	14
1759	Iron turns to wild when the transferrin is away. 2020 , 136, 649-650	1
1758	A modular framework for the development of targeted Covid-19 blood transcript profiling panels. 2020 , 18, 291	5
1757	Circular RNA regulates ferroptosis in HCC cells through interacting with RNA binding protein ALKBH5. 2020 , 6, 72	42
1756	The smell of death and deCYStiny: polyamines play the hero. 2020 , 2, 995-996	
1755	Identification of a Novel Oleic Acid Analog with Protective Effects in Multiple Cellular Models of Friedreich Ataxia. 2020 , 11, 2535-2542	3
1754	Synthesis and in vitro anti-bladder cancer activity evaluation of quinazoliny-aryurea derivatives. 2020 , 205, 112661	7
1753	Astrocyte hepcidin ameliorates neuronal loss through attenuating brain iron deposition and oxidative stress in APP/PS1 mice. 2020 , 158, 84-95	11
1752	Ferroptosis-Related Gene Signature Predicts Glioma Cell Death and Glioma Patient Progression. 2020 , 8, 538	62
1751	Ferroptosis in Acute Central Nervous System Injuries: The Future Direction?. 2020 , 8, 594	16
1750	Spotlight on Ferroptosis: Iron-Dependent Cell Death in Alzheimer's Disease. 2020 , 12, 196	14
1749	The Mechanism of Ferroptosis and Applications in Tumor Treatment. 2020 , 11, 1061	26
1748	Pathways coordinating oocyte attrition and abundance during mammalian ovarian reserve establishment. 2020 , 87, 843-856	10
1747	Asbestos conceives Fe(II)-dependent mutagenic stromal milieu through ceaseless macrophage ferroptosis and E-catenin induction in mesothelium. 2020 , 36, 101616	14
1746	Ferroptosis in Neurological Diseases. 2020 , 14, 218	35
1745	A Novel Ferroptosis-related Gene Signature for Overall Survival Prediction in Patients with Hepatocellular Carcinoma. 2020 , 16, 2430-2441	158
1744	The Intersection of DNA Damage Response and Ferroptosis-A Rationale for Combination Therapeutics. 2020 , 9,	8
1743	Brain Dicer1 Is Down-Regulated in a Mouse Model of Alzheimer's Disease Via A β 2-Induced Repression of Nuclear Factor Erythroid 2-Related Factor 2. 2020 , 57, 4417-4437	4

1742	Transcription factor NRF2 as a promising therapeutic target for Alzheimer's disease. 2020 , 159, 87-102	21
1741	Auranofin mitigates systemic iron overload and induces ferroptosis via distinct mechanisms. 2020 , 5, 138	51
1740	One-pot synthesis of a hydrogen peroxide-selective fluorogenic probe and its application in Parkinson's disease in vitro and vivo models. 2020 , 1, 1448-1454	6
1739	Zinc Oxide Nanoparticles Induce Ferroptotic Neuronal Cell Death in vitro and in vivo. 2020 , 15, 5299-5315	13
1738	Preface: Life through death-Key role of cellular suicide for colonial and organismal homeostasis. 2020 , 353, ix-xiii	
1737	Preface: Life through death-Key role of cellular suicide for colonial and organismal homeostasis. 2020 , 352, xi-xv	0
1736	Ferroptosis, necroptosis, and pyroptosis in anticancer immunity. 2020 , 13, 110	208
1735	Tumor-Targeted Cascade Nanoreactor Based on Metal-Organic Frameworks for Synergistic Ferroptosis-Starvation Anticancer Therapy. 2020 , 14, 11017-11028	81
1734	Insight Into the Role of Ferroptosis in Non-neoplastic Neurological Diseases. 2020 , 14, 231	6
1733	Cross Talk Between Ferroptosis and Cerebral Ischemia. 2020 , 14, 776	10
1732	Upconverting Nanocarriers Enable Triggered Microtubule Inhibition and Concurrent Ferroptosis Induction for Selective Treatment of Triple-Negative Breast Cancer. 2020 , 20, 6235-6245	32
1731	Sedaghatian-type spondylometaphyseal dysplasia: Whole exome sequencing in neonatal dry blood spots enabled identification of a novel variant in GPX4. 2020 , 63, 104020	6
1730	Deregulation of Lipid Metabolism: The Critical Factors in Ovarian Cancer. 2020 , 10, 593017	15
1729	Fasting Drives Nrf2-Related Antioxidant Response in Skeletal Muscle. 2020 , 21,	5
1728	Doxorubicin Cardiotoxicity: Pathophysiology Updates. 2020 , 22, 1	3
1727	Neutrophil-induced ferroptosis promotes tumor necrosis in glioblastoma progression. 2020 , 11, 5424	73
1726	Energy metabolism as a regulator of ferroptosis. 2020 , 19, 2960-2962	4
1725	The ferroptosis and iron-metabolism signature robustly predicts clinical diagnosis, prognosis and immune microenvironment for hepatocellular carcinoma. 2020 , 18, 174	45

1724	3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. 2020 , 80, 828-844.e6	40
1723	Reactivity-Based Probe of the Iron(II)-Dependent Interactome Identifies New Cellular Modulators of Ferroptosis. 2020 , 142, 19085-19093	9
1722	The Molecular Mechanisms of Iron Metabolism and Its Role in Cardiac Dysfunction and Cardioprotection. 2020 , 21,	32
1721	Ferroptosis Mediates Cuprizone-Induced Loss of Oligodendrocytes and Demyelination. 2020 , 40, 9327-9341	26
1720	Lipid peroxidation aggravates anti-tuberculosis drug-induced liver injury: Evidence of ferroptosis induction. 2020 , 533, 1512-1518	3
1719	An Overview on the Mechanisms of Neuroprotection and Neurotoxicity of Isoflurane and Sevoflurane in Experimental Studies. 2020 , 165, 281-289	13
1718	Igniting the spread of ferroptotic cell death. 2020 , 22, 1027-1029	5
1717	Glioblastoma Therapy Using Codelivery of Cisplatin and Glutathione Peroxidase Targeting siRNA from Iron Oxide Nanoparticles. 2020 , 12, 43408-43421	39
1716	LKB1-AMPK axis negatively regulates ferroptosis by inhibiting fatty acid synthesis. 2020 , 5, 187	30
1715	Targeting of intracellular Ca stores as a therapeutic strategy against age-related neurotoxicities. 2020 , 6, 10	8
1714	(+)-Clasunamide protects against drug-induced liver injury by inhibiting hepatocyte ferroptosis. 2020 , 11, 781	14
1713	Ferroptosis in Cancer Treatment: Another Way to Rome. 2020 , 10, 571127	39
1712	Membrane Transporters for Amino Acids as Players of Cancer Metabolic Rewiring. 2020 , 9,	12
1711	Ferroptosis: An emerging approach for targeting cancer stem cells and drug resistance. 2020 , 155, 103095	34
1710	Ferroptosis involves in renal tubular cell death in diabetic nephropathy. 2020 , 888, 173574	29
1709	FTY720 induces ferroptosis and autophagy via PP2A/AMPK pathway in multiple myeloma cells. 2020 , 260, 118077	22
1708	xCT: A Critical Molecule That Links Cancer Metabolism to Redox Signaling. 2020 , 28, 2358-2366	47
1707	Structure-tuned membrane active Ir-complexed oligoarginine overcomes cancer cell drug resistance and triggers immune responses in mice. 2020 , 11, 9126-9133	6

1706	Transcript Isoforms of SLC7A11-AS1 Are Associated With Varicocele-Related Male Infertility. 2020 , 11, 1015	5
1705	Distinct TP53 Mutation Types Exhibit Increased Sensitivity to Ferroptosis Independently of Changes in Iron Regulatory Protein Activity. 2020 , 21,	8
1704	Autophagy Inhibition Enables Nrf2 to Exaggerate the Progression of Diabetic Cardiomyopathy in Mice. 2020 , 69, 2720-2734	22
1703	Divergent Synthesis of Bioactive Dithiodiketopiperazine Natural Products Based on a Double C(sp ³)-H Activation Strategy. 2020 , 26, 15298-15312	2
1702	Ferroptosis occurs through an osmotic mechanism and propagates independently of cell rupture. 2020 , 22, 1042-1048	68
1701	Iron and Cancer: 2020 Vision. 2020 , 80, 5435-5448	21
1700	Iron Induces Cell Death and Strengthens the Efficacy of Antiandrogen Therapy in Prostate Cancer Models. 2020 , 26, 6387-6398	10
1699	MT1DP loaded by folate-modified liposomes sensitizes erastin-induced ferroptosis via regulating miR-365a-3p/NRF2 axis in non-small cell lung cancer cells. 2020 , 11, 751	61
1698	DUSP1 Blocks autophagy-dependent ferroptosis in pancreatic cancer. 2020 , 3, 154-160	17
1697	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. 2020 , 585, 603-608	121
1696	The function and mechanism of ferroptosis in cancer. 2020 , 25, 786-798	38
1695	Nrf2 protects against seawater drowning-induced acute lung injury via inhibiting ferroptosis. 2020 , 21, 232	33
1694	XJB-5-131 inhibited ferroptosis in tubular epithelial cells after ischemia-reperfusion injury. 2020 , 11, 629	37
1693	Light: An Alternative Method for Physical Control of Postharvest Rotting Caused by Fungi of Citrus Fruit. 2020 , 2020, 1-12	9
1692	A Novel Redox Modulator Induces a GPX4-Mediated Cell Death That Is Dependent on Iron and Reactive Oxygen Species. 2020 , 63, 9838-9855	15
1691	Loss of the cystine/glutamate antiporter in melanoma abrogates tumor metastasis and markedly increases survival rates of mice. 2020 , 147, 3224-3235	20
1690	Computational repositioning of dimethyl fumarate for treating alcoholic liver disease. 2020 , 11, 641	8
1689	Synthetic lethal combination targeting BET uncovered intrinsic susceptibility of TNBC to ferroptosis. 2020 , 6,	18

1688	Ferroptosis: machinery and regulation. 2021 , 17, 2054-2081	131
1687	Structure-activity relationship and mechanism of four monostilbenes with respect to ferroptosis inhibition.. 2020 , 10, 31171-31179	3
1686	Iron-responsive-like elements and neurodegenerative ferroptosis. 2020 , 27, 395-413	7
1685	Ferroptosis Is Regulated by Mitochondria in Neurodegenerative Diseases. 2020 , 20, 20-34	10
1684	Thioredoxin and Glutaredoxin Systems as Potential Targets for the Development of New Treatments in Friedreich's Ataxia. 2020 , 9,	12
1683	Response to iron overload in cultured hepatocytes. 2020 , 10, 21184	6
1682	Senescence and Apoptosis During Embryo Development in a Bovine Model. 2020 , 8, 619902	8
1681	RRM2 protects against ferroptosis and is a tumor biomarker for liver cancer. 2020 , 20, 587	21
1680	Distinct photo-oxidation-induced cell death pathways lead to selective killing of human breast cancer cells. 2020 , 11, 1070	16
1679	Interaction between iron and omega-3 fatty acids metabolisms: where is the cross-link?. 2020 , 1-21	3
1678	Cerium oxide nanoparticles protect red blood cells from hyperthermia-induced damages. 2021 , 36, 36-44	2
1677	Ferroptosis and kidney disease. 2020 , 40, 384-394	5
1676	Posttranslational Modifications in Ferroptosis. 2020 , 2020, 8832043	20
1675	Ferroptosis, a Regulated Neuronal Cell Death Type After Intracerebral Hemorrhage. 2020 , 14, 591874	13
1674	Dihydroartemisinin Inhibits the Proliferation, Colony Formation and Induces Ferroptosis of Lung Cancer Cells by Inhibiting PRIM2/SLC7A11 Axis. 2020 , 13, 10829-10840	24
1673	Electron-Accepting Micelles Deplete Reduced Nicotinamide Adenine Dinucleotide Phosphate and Impair Two Antioxidant Cascades for Ferroptosis-Induced Tumor Eradication. 2020 , 14, 14715-14730	46
1672	Mesoporous silica integrated with FeO and palmitoyl ascorbate as a new nano-Fenton reactor for amplified tumor oxidation therapy. 2020 , 8, 7154-7165	6
1671	Reactive Oxygen Species and Antioxidants in Carcinogenesis and Tumor Therapy. 2020 , 85, 1254-1266	10

1670	YTHDF1-enhanced iron metabolism depends on TFRC mA methylation. 2020 , 10, 12072-12089	17
1669	USP22 Protects Against Myocardial Ischemia-Reperfusion Injury via the SIRT1-p53/SLC7A11-Dependent Inhibition of Ferroptosis-Induced Cardiomyocyte Death. 2020 , 11, 551318	25
1668	Targeting Lipid Peroxidation for Cancer Treatment. 2020 , 25,	16
1667	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. 2020 , 127, 486-501	113
1666	The interplay of autophagy and non-apoptotic cell death pathways. 2020 , 352, 159-187	8
1665	The role of ferroptosis in chronic intermittent hypoxia-induced liver injury in rats. 2020 , 24, 1767-1773	11
1664	Redox signaling in the pathogenesis of human disease and the regulatory role of autophagy. 2020 , 352, 189-214	6
1663	Inhibition of ferroptosis attenuates busulfan-induced oligospermia in mice. 2020 , 440, 152489	14
1662	Identification of Pannexin 2 as a Novel Marker Correlating with Ferroptosis and Malignant Phenotypes of Prostate Cancer Cells. 2020 , 13, 4411-4421	9
1661	Ferroptosis is involved in alcohol-induced cell death and. 2020 , 84, 1621-1628	12
1660	Ferroptosis contributes to developmental cell death in rice blast. 2020 , 227, 1831-1846	25
1659	Role of Selenoproteins in Redox Regulation of Signaling and the Antioxidant System: A Review. 2020 , 9,	39
1658	Erianin, a novel dibenzyl compound in Dendrobium extract, inhibits lung cancer cell growth and migration via calcium/calmodulin-dependent ferroptosis. 2020 , 5, 51	77
1657	Cysteine Depletion, a Key Action to Challenge Cancer Cells to Ferroptotic Cell Death. 2020 , 10, 723	27
1656	Induction of programmed necrosis: A novel anti-cancer strategy for natural compounds. 2020 , 214, 107593	12
1655	Proanthocyanidin promotes functional recovery of spinal cord injury via inhibiting ferroptosis. 2020 , 107, 101807	13
1654	inhibits carcinogenesis in colon cancer cells and is necessary for erastin-induced ferroptosis.. 2020 , 9, 2931-2940	1
1653	Engineering a pH/Glutathione-Responsive Tea Polyphenol Nanodevice as an Apoptosis/Ferroptosis-Inducing Agent.. 2020 , 3, 4128-4138	10

1652	Super-resolution quantification of nanoscale damage to mitochondria in live cells. 2020 , 13, 2149-2155	15
1651	Non-thermal plasma-activated lactate solution kills U251SP glioblastoma cells in an innate reductive manner with altered metabolism. 2020 , 688, 108414	10
1650	Recent progress in nanotechnology based ferroptotic therapies for clinical applications. 2020 , 880, 173198	14
1649	Regulation of Iron Homeostasis and Related Diseases. 2020 , 2020, 6062094	9
1648	Hepatic transferrin plays a role in systemic iron homeostasis and liver ferroptosis. 2020 , 136, 726-739	85
1647	The Application of Ferroptosis in Diseases. 2020 , 159, 104919	69
1646	Tumor Microenvironment-Responsive, Multistaged Liposome Induces Apoptosis and Ferroptosis by Amplifying Oxidative Stress for Enhanced Cancer Therapy. 2020 , 12, 30031-30043	21
1645	Carbon Nanoparticles-Fe(II) Complex for Efficient Tumor Inhibition with Low Toxicity by Amplifying Oxidative Stress. 2020 , 12, 29094-29102	4
1644	Energy stress inhibits ferroptosis via AMPK. 2020 , 7, 1761242	9
1643	Induction of programmed necrosis by phytochemicals in colorectal cancer. 2020 , 117-133	
1642	Gambogenic acid induces ferroptosis in melanoma cells undergoing epithelial-to-mesenchymal transition. 2020 , 401, 115110	10
1641	Apoplatic Proteases: Powerful Weapons against Pathogen Infection in Plants. 2020 , 1, 100085	21
1640	Precondition your donor pig for your successful allograft!. 2020 , 20, 3275-3276	
1639	Redox homeostasis maintained by GPX4 facilitates STING activation. 2020 , 21, 727-735	61
1638	Basics and principles of cellular and systemic iron homeostasis. 2020 , 75, 100866	44
1637	Study on ferroptosis pathway that operates in hypertensive brain damage. 2020 , 42, 748-752	4
1636	Chemo-Photothermal Combination Cancer Therapy with ROS Scavenging, Extracellular Matrix Depletion, and Tumor Immune Activation by Telmisartan and Diselenide-Paclitaxel Prodrug Loaded Nanoparticles. 2020 , 12, 31292-31308	15
1635	Targeted GSH-exhausting and hydroxyl radical self-producing manganese-silica nanomissiles for MRI guided ferroptotic cancer therapy. 2020 , 12, 16738-16754	29

1634	Interplay Between Lipid Metabolism and Autophagy. 2020 , 8, 431	45
1633	Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. 2020 , 32, 259-272.e10	37
1632	Targeting ferroptosis contributes to ATPR-induced AML differentiation via ROS-autophagy-lysosomal pathway. 2020 , 755, 144889	15
1631	New applications of squalene synthase inhibitors: Membrane cholesterol as a therapeutic target. 2020 , 353, e2000085	1
1630	Roles of polyunsaturated fatty acids, from mediators to membranes. 2020 , 61, 1150-1160	25
1629	Circ_0008035 contributes to cell proliferation and inhibits apoptosis and ferroptosis in gastric cancer via miR-599/EIF4A1 axis. 2020 , 20, 84	39
1628	Targeting ferroptosis alleviates methionine-choline deficient (MCD)-diet induced NASH by suppressing liver lipotoxicity. 2020 , 40, 1378-1394	36
1627	The Nrf-2/HO-1 Signaling Axis: A Ray of Hope in Cardiovascular Diseases. 2020 , 2020, 5695723	39
1626	Ferrostatin-1 alleviates lipopolysaccharide-induced acute lung injury via inhibiting ferroptosis. 2020 , 25, 10	78
1625	Gastrodin Inhibits HO-Induced Ferroptosis through Its Antioxidative Effect in Rat Glioma Cell Line C6. 2020 , 43, 480-487	15
1624	Autophagy-Dependent Ferroptosis: Machinery and Regulation. 2020 , 27, 420-435	150
1623	Filling the Gaps - A Call for Comprehensive Analysis of Extracellular Matrix of the Glial Scar in Region- and Injury-Specific Contexts. 2020 , 14, 32	4
1622	Transferrin Receptor Is a Specific Ferroptosis Marker. 2020 , 30, 3411-3423.e7	126
1621	Transcription factors in ferroptotic cell death. 2020 , 27, 645-656	54
1620	Iron dyshomeostasis, lipid peroxidation and perturbed expression of cystine/glutamate antiporter in Alzheimer's disease: Evidence of ferroptosis. 2020 , 32, 101494	48
1619	MESH1 is a cytosolic NADPH phosphatase that regulates ferroptosis. 2020 , 2, 270-277	50
1618	Tumor associated macrophages and 'NO'. 2020 , 176, 113899	14
1617	Blockade of the Lysophosphatidylserine Lipase ABHD12 Potentiates Ferroptosis in Cancer Cells. 2020 , 15, 871-877	15

1616	Semiconducting Polycomplex Nanoparticles for Photothermal Ferrotherapy of Cancer. 2020 , 59, 10633-10638	143
1615	Targeting apoptosis in cancer therapy. 2020 , 17, 395-417	389
1614	Ferroptosis and Its Potential Role in Human Diseases. 2020 , 11, 239	79
1613	Semiconducting Polycomplex Nanoparticles for Photothermal Ferrotherapy of Cancer. 2020 , 132, 10720-10725	25
1612	Irradiated tumor cell-derived microparticles mediate tumor eradication via cell killing and immune reprogramming. 2020 , 6, eaay9789	52
1611	Cystine transporter regulation of pentose phosphate pathway dependency and disulfide stress exposes a targetable metabolic vulnerability in cancer. 2020 , 22, 476-486	59
1610	Double agents of cell death: novel emerging functions of apoptotic regulators. 2020 , 287, 2647-2663	11
1609	Glutamylcysteine synthetase and Glutamyl transferase as differential enzymatic sources of Glutamylpeptides in mice. 2020 , 52, 555-566	3
1608	"Iron free" zinc oxide nanoparticles with ion-leaking properties disrupt intracellular ROS and iron homeostasis to induce ferroptosis. 2020 , 11, 183	27
1607	CAF secreted miR-522 suppresses ferroptosis and promotes acquired chemo-resistance in gastric cancer. 2020 , 19, 43	199
1606	Inhibitory Effect and Mechanism of Action of Quercetin and Quercetin Diels-Alder -Dimer on Erastin-Induced Ferroptosis in Bone Marrow-Derived Mesenchymal Stem Cells. 2020 , 9,	14
1605	Broad Spectrum Deubiquitinase Inhibition Induces Both Apoptosis and Ferroptosis in Cancer Cells. 2020 , 10, 949	16
1604	The Potential Value of Targeting Ferroptosis in Early Brain Injury After Acute CNS Disease. 2020 , 13, 110	24
1603	Susceptibility to erastin-induced ferroptosis decreases during maturation in a human oligodendrocyte cell line. 2020 , 10, 1758-1764	2
1602	Design and evaluation of bi-functional iron chelators for protection of dopaminergic neurons from toxicants. 2020 , 94, 3105-3123	6
1601	Hematoma Resolution In Vivo Is Directed by Activating Transcription Factor 1. 2020 , 127, 928-944	4
1600	Inhibitory effects of baicalein against herpes simplex virus type 1. 2020 , 10, 2323-2338	18
1599	Nutrient Control of mRNA Translation. 2020 , 40, 51-75	5

1598	Neuroprotective role of glutathione peroxidase 4 in experimental subarachnoid hemorrhage models. 2020 , 257, 118050	9
1597	Control of Reactive Oxygen Species for the Prevention of Parkinson's Disease: The Possible Application of Flavonoids. 2020 , 9,	31
1596	Regulation of GSK3 β /Nrf2 signaling pathway modulated erastin-induced ferroptosis in breast cancer. 2020 , 473, 217-228	23
1595	Oxidative Stress in Cancer. 2020 , 38, 167-197	402
1594	Precise nano-programmed ferroptosis with enhanced tumor chemotherapy. 2020 , 63, 2086-2088	0
1593	Dietary Lipids Induce Ferroptosis in Caenorhabditiselegans and Human Cancer Cells. 2020 , 54, 447-454.e4	61
1592	Ferroptosis and Cancer: Mitochondria Meet the "Iron Maiden" Cell Death. 2020 , 9,	68
1591	Ferroptosis mediated by the interaction between Mfn2 and IRE1 β promotes arsenic-induced nonalcoholic steatohepatitis. 2020 , 188, 109824	22
1590	Systematic Analysis of the Aberrances and Functional Implications of Ferroptosis in Cancer. 2020 , 23, 101302	46
1589	Ferroptosis and kidney disease. 2020 , 40, 384-394	13
1588	Energy-stress-mediated AMPK activation inhibits ferroptosis. 2020 , 22, 225-234	195
1587	Simultaneous Study of Anti-Ferroptosis and Antioxidant Mechanisms of Butein and (-)-Butin. 2020 , 25,	11
1586	Ferroptosis driven by radical oxidation of n-6 polyunsaturated fatty acids mediates acetaminophen-induced acute liver failure. 2020 , 11, 144	65
1585	Telodendrimer-Based Macromolecular Drug Design using 1,3-Dipolar Cycloaddition for Applications in Biology. 2020 , 25,	6
1584	APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy old-aged adults. 2020 , 12, e12002	9
1583	The circadian clock protects against ferroptosis-induced sterile inflammation. 2020 , 525, 620-625	19
1582	Exosomal Nrf2: From anti-oxidant and anti-inflammation response to wound healing and tissue regeneration in aged-related diseases. 2020 , 171-172, 103-109	18
1581	Redox lipid reprogramming commands susceptibility of macrophages and microglia to ferroptotic death. 2020 , 16, 278-290	105

1580	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. 2020 , 16, 302-309	144
1579	Cobalt nanoparticles trigger ferroptosis-like cell death (oxytosis) in neuronal cells: Potential implications for neurodegenerative disease. 2020 , 34, 5262-5281	24
1578	Iron Metabolism, Ferroptosis, and the Links With Alzheimer's Disease. 2019 , 13, 1443	68
1577	MDM2 and MDMX promote ferroptosis by PPAR β -mediated lipid remodeling. 2020 , 34, 526-543	60
1576	Endometriosis: The Role of Iron Overload and Ferroptosis. 2020 , 27, 1383-1390	21
1575	Commentary. 2020 , 66, 280-281	
1574	The epigenetic regulators and metabolic changes in ferroptosis-associated cancer progression. 2020 , 19, 39	76
1573	Utilizing Iron for Targeted Lipid Peroxidation as Anticancer Option of Integrative Biomedicine: A Short Review of Nanosystems Containing Iron. 2020 , 9,	11
1572	Histone demethylase KDM3B protects against ferroptosis by upregulating SLC7A11. 2020 , 10, 637-643	30
1571	Systems biology of ferroptosis: A modeling approach. 2020 , 493, 110222	9
1570	Unusual Iron and Copper Studies in a Patient with Liver Injury and Normocytic Anemia. 2020 , 66, 277-281	
1569	Where ferroptosis inhibitors and paraquat detoxification mechanisms intersect, exploring possible treatment strategies. 2020 , 433-434, 152407	8
1568	Pervasive Genomic Damage in Experimental Intracerebral Hemorrhage: Therapeutic Potential of a Mechanistic-Based Carbon Nanoparticle. 2020 , 14, 2827-2846	15
1567	Dihydrolipoamide dehydrogenase regulates cystine deprivation-induced ferroptosis in head and neck cancer. 2020 , 30, 101418	42
1566	Undermining Glutaminolysis Bolsters Chemotherapy While NRF2 Promotes Chemoresistance in KRAS-Driven Pancreatic Cancers. 2020 , 80, 1630-1643	84
1565	Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells. 2020 , 318, H508-H518	34
1564	Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. 2020 , 11, 51	23
1563	The role of ferroptosis in ionizing radiation-induced cell death and tumor suppression. 2020 , 30, 146-162	225

1562	Reduced Sulfation Enhanced Oxytosis and Ferroptosis in Mouse Hippocampal HT22 Cells. 2020 , 10,	9
1561	Disulfiram/Copper Induces Antitumor Activity against Both Nasopharyngeal Cancer Cells and Cancer-Associated Fibroblasts through ROS/MAPK and Ferroptosis Pathways. 2020 , 12,	41
1560	Hippo pathway effectors YAP/TAZ as novel determinants of ferroptosis. 2020 , 7, 1699375	16
1559	Nicotinamide Adenine Dinucleotide Phosphate Oxidase and Neurodegenerative Diseases: Mechanisms and Therapy. 2020 , 33, 374-393	14
1558	Male Infertility: Shining a Light on Lipids and Lipid-Modulating Enzymes in the Male Germline. 2020 , 9,	13
1557	Manganese Oxide Nanomaterials: Synthesis, Properties, and Theranostic Applications. 2020 , 32, e1905823	166
1556	Diet and Gut Microbes Act Coordinately to Enhance Programmed Cell Death and Reduce Colorectal Cancer Risk. 2020 , 65, 840-851	16
1555	VDR activation attenuate cisplatin induced AKI by inhibiting ferroptosis. 2020 , 11, 73	54
1554	Directly targeting glutathione peroxidase 4 may be more effective than disrupting glutathione on ferroptosis-based cancer therapy. 2020 , 1864, 129539	15
1553	AIFM2 blocks ferroptosis independent of ubiquinol metabolism. 2020 , 523, 966-971	54
1552	Correlation Analysis Between Preoperative Serum Iron Level and Prognosis as Well as Recurrence of HCC After Radical Resection. 2020 , 12, 31-41	0
1551	Non-Apoptotic Cell Death Signaling Pathways in Melanoma. 2020 , 21,	16
1550	Iron: The cancer connection. 2020 , 75, 100860	36
1549	Cold Atmospheric Plasma Stimulates Clathrin-Dependent Endocytosis to Repair Oxidised Membrane and Enhance Uptake of Nanomaterial in Glioblastoma Multiforme Cells. 2020 , 10, 6985	9
1548	-Carbamylglutamate and l-arginine supplementation improve hepatic antioxidant status in intrauterine growth-retarded suckling lambs.. 2020 , 10, 11173-11181	4
1547	Tumor microenvironment-activatable Fe-doxorubicin preloaded amorphous CaCO nanoformulation triggers ferroptosis in target tumor cells. 2020 , 6, eaax1346	87
1546	Acetaminophen-induced hepatotoxicity: different mechanisms of acetaminophen-induced ferroptosis and mitochondrial damage. 2020 , 94, 2255-2257	3
1545	The role of Raf kinase inhibitory protein in inflammation. 2020 , 297-322	

1544	A lipid perspective on regulated cell death. 2020 , 351, 197-236	9
1543	The emerging role of ferroptosis in inflammation. 2020 , 127, 110108	102
1542	Investigating Nonapoptotic Cell Death Using Chemical Biology Approaches. 2020 , 27, 376-386	8
1541	The Chemical Biology of Ferroptosis in the Central Nervous System. 2020 , 27, 479-498	52
1540	Breakdown of an Ironclad Defense System: The Critical Role of NRF2 in Mediating Ferroptosis. 2020 , 27, 436-447	69
1539	Selenium: Tracing Another Essential Element of Ferroptotic Cell Death. 2020 , 27, 409-419	29
1538	Achieving Life through Death: Redox Biology of Lipid Peroxidation in Ferroptosis. 2020 , 27, 387-408	61
1537	Peroxidase activity of heme bound amyloid β peptides associated with Alzheimer's disease. 2020 , 56, 4505-4518	10
1536	Programmed Cell Deaths and Potential Crosstalk With Blood-Brain Barrier Dysfunction After Hemorrhagic Stroke. 2020 , 14, 68	35
1535	Nrf2 and Ferroptosis: A New Research Direction for Neurodegenerative Diseases. 2020 , 14, 267	92
1534	Oxidative Stress, a Crossroad Between Rare Diseases and Neurodegeneration. 2020 , 9,	20
1533	Artesunate Affects T Antigen Expression and Survival of Virus-Positive Merkel Cell Carcinoma. 2020 , 12,	9
1532	SIRT3 deficiency is resistant to autophagy-dependent ferroptosis by inhibiting the AMPK/mTOR pathway and promoting GPX4 levels. 2020 , 235, 8839-8851	38
1531	Ferritin: An Inflammatory Player Keeping Iron at the Core of Pathogen-Host Interactions. 2020 , 8,	19
1530	Time Course of Changes in Sorafenib-Treated Hepatocellular Carcinoma Cells Suggests Involvement of Phospho-Regulated Signaling in Ferroptosis Induction. 2020 , 20, e2000006	9
1529	Platelet Membrane-Camouflaged Magnetic Nanoparticles for Ferroptosis-Enhanced Cancer Immunotherapy. 2020 , 16, e2001704	84
1528	Toll-like receptors: Triggers of regulated cell death and promising targets for cancer therapy. 2020 , 223, 1-9	11
1527	Alpha synuclein aggregation drives ferroptosis: an interplay of iron, calcium and lipid peroxidation. 2020 , 27, 2781-2796	46

1526	Baicalein attenuates caspase-independent cells death via inhibiting PARP-1 activation and AIF nuclear translocation in cerebral ischemia/reperfusion rats. 2020 , 25, 354-369	14
1525	Sirt3 modulates fatty acid oxidation and attenuates cisplatin-induced AKI in mice. 2020 , 24, 5109-5121	21
1524	The role of alpha-synuclein as ferrireductase in neurodegeneration associated with Parkinson's disease. 2020 , 127, 749-754	13
1523	The role of transporters in cancer redox homeostasis and cross-talk with nanomedicines. 2020 , 15, 145-157	12
1522	Ceruloplasmin suppresses ferroptosis by regulating iron homeostasis in hepatocellular carcinoma cells. 2020 , 72, 109633	38
1521	Ferroptosis and Necroptosis in the Kidney. 2020 , 27, 448-462	51
1520	Ferroptosis as an emerging target in inflammatory diseases. 2020 , 155, 20-28	36
1519	Dissecting Programmed Cell Death with Small Molecules. 2020 , 53, 1034-1045	10
1518	FePt Nanoparticles Embedded in MetalOrganic Framework Nanoparticles for Tumor Imaging and Eradication. 2020 , 3, 4494-4503	13
1517	Ferroptosis resistance mediated by exosomal release of iron. 2020 , 7, 1730144	6
1516	-Phenethyl Isothiocyanate Induces Cell Death in Human Osteosarcoma through Altering Iron Metabolism, Disturbing the Redox Balance, and Activating the MAPK Signaling Pathway. 2020 , 2020, 5021983	18
1515	IMCA Induces Ferroptosis Mediated by SLC7A11 through the AMPK/mTOR Pathway in Colorectal Cancer. 2020 , 2020, 1675613	32
1514	xCT Inhibition Increases Sensitivity to Vorinostat in a ROS-Dependent Manner. 2020 , 12,	13
1513	Partners in Crime: The Interplay of Proteins and Membranes in Regulated Necrosis. 2020 , 21,	18
1512	The Chemistry and Biology of Ferroptosis. 2020 , 27, 365-375	70
1511	The Complex Interplay between Antioxidants and ROS in Cancer. 2020 , 30, 440-451	142
1510	Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease. 2020 , 11, 1775	44
1509	Inhibition of Ferroptosis Attenuates Acute Kidney Injury in Rats with Severe Acute Pancreatitis. 2021 , 66, 483-492	29

1508	Mitochondrial DNA stress triggers autophagy-dependent ferroptotic death. 2021 , 17, 948-960	68
1507	Interplay between MTOR and GPX4 signaling modulates autophagy-dependent ferroptotic cancer cell death. 2021 , 28, 55-63	50
1506	ACSL4 is a predictive biomarker of sorafenib sensitivity in hepatocellular carcinoma. 2021 , 42, 160-170	27
1505	Involvement of GPX4 in irisin's protection against ischemia reperfusion-induced acute kidney injury. 2021 , 236, 931-945	25
1504	Inhibition of ferroptosis by up-regulating Nrf2 delayed the progression of diabetic nephropathy. 2021 , 162, 435-449	45
1503	Cellular compartments challenged by membrane photo-oxidation. 2021 , 697, 108665	4
1502	Botanical sulfane sulfur donors inhibit ferroptotic cell death caused by the depletion of cysteine. 2021 , 343, 128511	4
1501	Artesunate synergizes with sorafenib to induce ferroptosis in hepatocellular carcinoma. 2021 , 42, 301-310	34
1500	NRF2-GPX4/SOD2 axis imparts resistance to EGFR-tyrosine kinase inhibitors in non-small-cell lung cancer cells. 2021 , 42, 613-623	18
1499	Ferroptosis and its potential role in the physiopathology of Parkinson's Disease. 2021 , 196, 101890	49
1498	ESCRT-III-mediated membrane repair in cell death and tumor resistance. 2021 , 28, 1-4	24
1497	Structure-activity relationship studies of phenothiazine derivatives as a new class of ferroptosis inhibitors together with the therapeutic effect in an ischemic stroke model. 2021 , 209, 112842	13
1496	A Nuclear Long Non-Coding RNA LINC00618 Accelerates Ferroptosis in a Manner Dependent upon Apoptosis. 2021 , 29, 263-274	53
1495	Mechanism of Ferroptosis: A Potential Target for Cardiovascular Diseases Treatment. 2021 , 12, 261-276	9
1494	Ginkgetin derived from Ginkgo biloba leaves enhances the therapeutic effect of cisplatin via ferroptosis-mediated disruption of the Nrf2/HO-1 axis in EGFR wild-type non-small-cell lung cancer. 2021 , 80, 153370	49
1493	Targeted inhibition of Rev-erb β limits ferroptosis to ameliorate folic acid-induced acute kidney injury. 2021 , 178, 328-345	10
1492	A redox-triggered C-centered free radicals nanogenerator for self-enhanced magnetic resonance imaging and chemodynamic therapy. 2021 , 266, 120457	34
1491	Characterization of a rat monoclonal antibody raised against ferroptotic cells. 2021 , 489, 112912	2

1490	NCOA4-mediated ferritinophagy promotes ferroptosis induced by erastin, but not by RSL3 in HeLa cells. 2021 , 1868, 118913	18
1489	Porous yolk-shell Fe/FeO nanoparticles with controlled exposure of highly active Fe(0) for cancer therapy. 2021 , 268, 120530	19
1488	Domesticated and optimized mitochondria: Mitochondrial modifications based on energetic status and cellular stress. 2021 , 265, 118766	3
1487	Ferrostatin-1 alleviates angiotensin II (Ang II)- induced inflammation and ferroptosis in astrocytes. 2021 , 90, 107179	17
1486	Ferroptosis: molecular mechanisms and health implications. 2021 , 31, 107-125	287
1485	Epidermal growth factor promotes glioblastoma cell death under glucose deprivation via upregulation of xCT (SLC7A11). 2021 , 78, 109874	0
1484	FBW7-NRA41-SCD1 axis synchronously regulates apoptosis and ferroptosis in pancreatic cancer cells. 2021 , 38, 101807	35
1483	Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells. 2021 , 756, 143840	3
1482	Fat and Furious: Lipid Metabolism in Antitumoral Therapy Response and Resistance. 2021 , 7, 198-213	17
1481	Immunological mechanisms and therapeutic targets of fatty liver diseases. 2021 , 18, 73-91	25
1480	Acute exposure of di(2-ethylhexyl) phthalate (DEHP) induces immune signal regulation and ferroptosis in oryzias melastigma. 2021 , 265, 129053	8
1479	PIEZO1 might be involved in cerebral ischemia-reperfusion injury through ferroptosis regulation: a hypothesis. 2021 , 146, 110327	3
1478	Death by histone deacetylase inhibitor quisinostat in tongue squamous cell carcinoma via apoptosis, pyroptosis, and ferroptosis. 2021 , 410, 115363	13
1477	Flubendazole, FDA-approved anthelmintic, elicits valid antitumor effects by targeting P53 and promoting ferroptosis in castration-resistant prostate cancer. 2021 , 164, 105305	11
1476	The essential elements of Alzheimer's disease. 2021 , 296, 100105	42
1475	The mA reader YTHDC2 inhibits lung adenocarcinoma tumorigenesis by suppressing SLC7A11-dependent antioxidant function. 2021 , 38, 101801	49
1474	Lipoic acid alleviates ferroptosis in the MPP -induced PC12 cells via activating the PI3K/Akt/Nrf2 pathway. 2021 , 45, 422-431	16
1473	Cell Death-Osis of Dopaminergic Neurons and the Role of Iron in Parkinson's Disease. 2021 , 35, 453-473	2

1472	Idebenone Ameliorates Rotenone-Induced Parkinson's Disease in Rats Through Decreasing Lipid Peroxidation. 2021 , 46, 513-522	7
1471	Monitoring autophagy-dependent ferroptosis. 2021 , 165, 163-176	1
1470	Activatable nanomedicine for overcoming hypoxia-induced resistance to chemotherapy and inhibiting tumor growth by inducing collaborative apoptosis and ferroptosis in solid tumors. 2021 , 268, 120537	39
1469	The Nrf2 induction prevents ferroptosis in Friedreich's Ataxia. 2021 , 38, 101791	33
1468	Deletion of ferritin H in neurons counteracts the protective effect of melatonin against traumatic brain injury-induced ferroptosis. 2021 , 70, e12704	25
1467	Mechanisms of melanocyte death in vitiligo. 2021 , 41, 1138-1166	34
1466	Protective role of microglial HO-1 blockade in aging: Implication of iron metabolism. 2021 , 38, 101789	18
1465	Targeted reduction of cholesterol uptake in cholesterol-addicted lymphoma cells blocks turnover of oxidized lipids to cause ferroptosis. 2021 , 296, 100100	5
1464	The Lipogenic Regulator SREBP2 Induces Transferrin in Circulating Melanoma Cells and Suppresses Ferroptosis. 2021 , 11, 678-695	31
1463	Natural products targeting mitochondria: emerging therapeutics for age-associated neurological disorders. 2021 , 221, 107749	8
1462	NRF2 and paraquat-induced fatal redox stress. 2021 , 91-98	
1461	CRL4 dependent opposing stability control over the chromatin remodeler LSH orchestrates epigenetic dynamics in ferroptosis. 2021 , 28, 1593-1609	7
1460	mTOR inhibition acts as an unexpected checkpoint in p53-mediated tumor suppression. 2021 , 35, 59-64	12
1459	Gender biased neuroprotective effect of Transferrin Receptor 2 deletion in multiple models of Parkinson's disease. 2021 , 28, 1720-1732	2
1458	Recent advances in iron homeostasis and regulation - a focus on epigenetic regulation and stroke. 2021 , 55, 375-383	5
1457	Quercetin induces p53-independent cancer cell death through lysosome activation by the transcription factor EB and Reactive Oxygen Species-dependent ferroptosis. 2021 , 178, 1133-1148	25
1456	Ferroptotic pores induce Ca fluxes and ESCRT-III activation to modulate cell death kinetics. 2021 , 28, 1644-1657	25
1455	Lipid Peroxidation, GSH Depletion, and Inhibition Are Common Causes of EMT and Ferroptosis in A549 Cells, but Different in Specific Mechanisms. 2021 , 40, 172-183	16

1454	SUV39H1 deficiency suppresses clear cell renal cell carcinoma growth by inducing ferroptosis. 2021 , 11, 406-419	22
1453	Membrane Damage during Ferroptosis Is Caused by Oxidation of Phospholipids Catalyzed by the Oxidoreductases POR and CYB5R1. 2021 , 81, 355-369.e10	83
1452	Branched-chain amino acid aminotransferase 2 regulates ferroptotic cell death in cancer cells. 2021 , 28, 1222-1236	31
1451	Resolving the paradox of ferroptotic cell death: Ferrostatin-1 binds to 15LOX/PEBP1 complex, suppresses generation of peroxidized ETE-PE, and protects against ferroptosis. 2021 , 38, 101744	23
1450	HSF1 functions as a key defender against palmitic acid-induced ferroptosis in cardiomyocytes. 2021 , 150, 65-76	20
1449	Iron and Ferroptosis as Therapeutic Targets in Alzheimer's Disease. 2021 , 18, 252-264	12
1448	Galangin attenuated cerebral ischemia-reperfusion injury by inhibition of ferroptosis through activating the SLC7A11/GPX4 axis in gerbils. 2021 , 264, 118660	23
1447	Nanomedicine enables autophagy-enhanced cancer-cell ferroptosis. 2021 , 66, 464-477	7
1446	Cell-type-specific insights into iron regulatory processes. 2021 , 96, 110-127	6
1445	Oridonin induces ferroptosis by inhibiting gamma-glutamyl cycle in TE1 cells. 2021 , 35, 494-503	10
1444	The anti-malaria agent artesunate exhibits cytotoxic effects in primary effusion lymphoma. 2021 , 39, 111-121	0
1443	Nano-sensing and nano-therapy targeting central players in iron homeostasis. 2021 , 13, e1667	
1442	Comprehensive landscape of STEAP family functions and prognostic prediction value in glioblastoma. 2021 , 236, 2988-3000	13
1441	Biochemistry of mammalian ferritins in the regulation of cellular iron homeostasis and oxidative responses. 2021 , 64, 352-362	7
1440	Involvement of oxidative stress-induced annulus fibrosus cell and nucleus pulposus cell ferroptosis in intervertebral disc degeneration pathogenesis. 2021 , 236, 2725-2739	21
1439	Aluminum maltolate triggers ferroptosis in neurons: mechanism of action. 2021 , 31, 33-42	4
1438	Ferroptosis in plants: triggers, proposed mechanisms, and the role of iron in modulating cell death. 2021 , 72, 2125-2135	10
1437	ROS-Dependent Lipid Peroxidation and Reliant Antioxidant Ferroptosis-Suppressor-Protein 1 in Rheumatoid Arthritis: a Covert Clue for Potential Therapy. 2021 , 44, 35-47	5

1436	Reactive Oxygen Species. 2021 ,	
1435	The role of iron in doxorubicin-induced cardiotoxicity: recent advances and implication for drug delivery. 2021 , 9, 4793-4803	12
1434	Potential Role of Lycopene in the Inhibition of Di(2-ethylhexyl) Phthalate-Induced Ferroptosis in Spleen Via Modulation of Iron Ion Homeostasis. 2021 , 4, 386-395	12
1433	A ferroptosis-related gene signature for graft loss prediction following renal allograft. 2021 , 12, 4217-4232	2
1432	The Role of NCOA4-Mediated Ferritinophagy in Ferroptosis. 2021 , 1301, 41-57	6
1431	Small Molecule Regulators of Ferroptosis. 2021 , 1301, 81-121	1
1430	Iron Accumulation and Lipid Peroxidation in the Aging Retina: Implication of Ferroptosis in Age-Related Macular Degeneration. 2021 , 12, 529-551	11
1429	Ferroptosis in cancer therapeutics: a materials chemistry perspective. 2021 , 9, 8906-8936	5
1428	The double-edged roles of ROS in cancer prevention and therapy. 2021 , 11, 4839-4857	60
1427	Temozolomide Drives Ferroptosis via a DMT1-Dependent Pathway in Glioblastoma Cells. 2021 , 62, 843-849	8
1426	Nanoparticle-induced ferroptosis: detection methods, mechanisms and applications. 2021 , 13, 2266-2285	22
1425	Time-course effect of ultrasmall superparamagnetic iron oxide nanoparticles on intracellular iron metabolism and ferroptosis activation. 2021 , 15, 366-379	6
1424	Ferroptosis Inducers Are a Novel Therapeutic Approach for Advanced Prostate Cancer. 2021 , 81, 1583-1594	34
1423	Ubiquitin signalling in neurodegeneration: mechanisms and therapeutic opportunities. 2021 , 28, 570-590	46
1422	Supramolecular cancer nanotheranostics. 2021 , 50, 2839-2891	88
1421	Acid sphingomyelinase-dependent autophagic degradation of GPX4 is critical for the execution of ferroptosis. 2021 , 12, 26	13
1420	Human physiometric model integrating microphysiological systems of the gut, liver, and brain for studies of neurodegenerative diseases. 2021 , 7,	22
1419	Broadening horizons: the role of ferroptosis in cancer. 2021 , 18, 280-296	272

1418	The versatile biochemistry of iron in macrophage effector functions. 2020 ,	4
1417	Inhibition of lipogenesis and induction of apoptosis by valproic acid in prostate cancer cells via the C/EBP β /SREBP-1 pathway. 2021 , 53, 354-364	2
1416	Ferroptosis-Related Gene Model to Predict Overall Survival of Ovarian Carcinoma. 2021 , 2021, 6687391	11
1415	A Proposed Concept for Defective Mitophagy Leading to Late Stage Ineffective Erythropoiesis in Pyruvate Kinase Deficiency. 2020 , 11, 609103	3
1414	Iron Neurotoxicity in Parkinson's Disease. 2021 , 1-24	
1413	Tumor heterogeneity in autophagy-dependent ferroptosis. 2021 , 17, 3361-3374	30
1412	Characteristics and Biomarkers of Ferroptosis. 2021 , 9, 637162	51
1411	Tumor microenvironments self-activated nanoscale metal-organic frameworks for ferroptosis based cancer chemodynamic/photothermal/chemo therapy. 2021 , 11, 3231-3243	15
1410	Alternative approaches to overcome chemoresistance to apoptosis in cancer. 2021 , 126, 91-122	1
1409	Legumain promotes tubular ferroptosis by facilitating chaperone-mediated autophagy of GPX4 in AKI. 2021 , 12, 65	28
1408	Ferroptosis-Related Genes in Neurodevelopment and Central Nervous System. 2021 , 10,	10
1407	Mitochondrial Iron Overload-Mediated Inhibition of Nrf2-HO-1/GPX4 Assisted ALI-Induced Nephrotoxicity. 2020 , 11, 624529	14
1406	Ferroptosis: mechanisms, biology and role in disease. 2021 , 22, 266-282	371
1405	Janus -faced oxidant and antioxidant profiles of organo diselenides. 2021 , 50, 14576-14594	3
1404	Identification of a ferroptosis-related lncRNA signature with prognosis for Wilms tumor. 2021 , 10, 2418-2431	1
1403	Design and synthesis of isothiocyanate-containing hybrid androgen receptor (AR) antagonist to downregulate AR and induce ferroptosis in GSH-Deficient prostate cancer cells. 2021 , 97, 1059-1078	3
1402	Mechanisms of Intranasal Deferoxamine in Neurodegenerative and Neurovascular Disease. 2021 , 14,	8
1401	Genomic adaptation of Pseudomonas strains to acidity and antibiotics in hydrothermal vents at Kolumbo submarine volcano, Greece. 2021 , 11, 1336	3

1400	Iron distribution in the lentiform nucleus: A post-mortem MRI and histology study. 2021 , 226, 351-364	0
1399	Ammonium Ferric Citrate induced Ferroptosis in Non-Small-Cell Lung Carcinoma through the inhibition of GPX4-GSS/GSR-GGT axis activity. 2021 , 18, 1899-1909	9
1398	Toward improved human health: efficacy of dietary selenium on immunity at the cellular level. 2021 , 12, 976-989	10
1397	Similarities and Dissimilarities of COVID-19 and Other Coronavirus Diseases. 2021 , 75, 19-47	17
1396	Spermatogonial Gene Networks Selectively Couple to Glutathione and Pentose Phosphate Metabolism but Not Cysteine Biosynthesis. 2021 , 24, 101880	2
1395	Metabolism of Amino Acids in Cancer. 2020 , 8, 603837	36
1394	Ascorbate is a multifunctional micronutrient whose synthesis is lacking in primates. 2021 , 69, 1-15	3
1393	Oxygenated phosphatidylethanolamine navigates phagocytosis of ferroptotic cells by interacting with TLR2. 2021 , 28, 1971-1989	21
1392	Necroptosis, the Other Main Caspase-Independent Cell Death. 2021 , 1301, 123-138	1
1391	Roles and mechanisms of BAP1 deubiquitinase in tumor suppression. 2021 , 28, 606-625	21
1390	Mitochondria and apoptosis. 2021 , 127-149	
1389	Selective Ferroptosis Inhibitor Liproxstatin-1 Attenuates Neurological Deficits and Neuroinflammation After Subarachnoid Hemorrhage. 2021 , 37, 535-549	20
1388	An epithelial-mesenchymal transition-related long non-coding RNA signature to predict overall survival and immune microenvironment in kidney renal clear cell carcinoma. 2021 , 12, 555-564	8
1387	RNA m6A Modification Alteration by Black Phosphorus Quantum Dots Regulates Cell Ferroptosis: Implications for Nanotoxicological Assessment.. 2021 , 5, e2001045	5
1386	Manganese-deposited iron oxide promotes tumor-responsive ferroptosis that synergizes the apoptosis of cisplatin. 2021 , 11, 5418-5429	16
1385	Autophagy and Cancer: Current Biology and Drug Development. 2021 , 349-376	
1384	Encyclopedia of Molecular Pharmacology. 2021 , 1-9	
1383	Newcastle disease virus induced ferroptosis through p53-SLC7A11-GPX4 axis mediated nutrient deprivation in tumor cells.	1

1382	Comprehensive Review of Methodology to Detect Reactive Oxygen Species (ROS) in Mammalian Species and Establish Its Relationship with Antioxidants and Cancer. 2021 , 10,	8
1381	Cysteine is a limiting factor for glioma proliferation and survival.	
1380	Transferrin receptor-mediated reactive oxygen species promotes ferroptosis of KGN cells via regulating NADPH oxidase 1/PTEN induced kinase 1/acyl-CoA synthetase long chain family member 4 signaling. 2021 , 12, 4983-4994	7
1379	The deubiquitinase OTUD1 enhances iron transport and potentiates host antitumor immunity. 2021 , 22, e51162	17
1378	Ferroptosis as a novel therapeutic target for cardiovascular disease. 2021 , 11, 3052-3059	42
1377	APR-246 induces early cell death by ferroptosis in acute myeloid leukemia. 2021 ,	26
1376	Ferroptosis-Related Flavoproteins: Their Function and Stability. 2021 , 22,	1
1375	Supranutritional selenium suppresses ROS-induced generation of RANKL-expressing osteoclastogenic CD4 T cells and ameliorates rheumatoid arthritis. 2021 , 10, e1338	2
1374	Artemisinin Derivatives Inhibit Non-small Cell Lung Cancer Cells Through Induction of ROS-dependent Apoptosis/Ferroptosis. 2021 , 12, 4075-4085	13
1373	Endogenous glutamate determines ferroptosis sensitivity via ADCY10-dependent YAP suppression in lung adenocarcinoma. 2021 , 11, 5650-5674	14
1372	Asah2 Represses the p53-Hmox1 Axis to Protect Myeloid-Derived Suppressor Cells from Ferroptosis. 2021 , 206, 1395-1404	9
1371	Lytic regulated cell death in aquaculture fish. 2021 , 13, 1549	
1370	P53 regulates cellular redox state, ferroptosis and metabolism. 2021 , 8, 1877076	1
1369	Metabolic Aspects of Anthracycline Cardiotoxicity. 2021 , 22, 18	15
1368	PDT-Enhanced Ferroptosis by a Polymer Nanoparticle with pH-Activated Singlet Oxygen Generation and Superb Biocompatibility for Cancer Therapy. 2021 , 22, 1167-1176	7
1367	DDR2 upregulation confers ferroptosis susceptibility of recurrent breast tumors through the Hippo pathway. 2021 , 40, 2018-2034	11
1366	Comparison of Ferroptosis-Inhibitory Mechanisms between Ferrostatin-1 and Dietary Stilbenes (Piceatannol and Astringin). 2021 , 26,	3
1365	The Emerging Role of GSNOR in Oxidative Stress Regulation. 2021 , 26, 156-168	15

1364	Identification of lipidomic profiles associated with drug-resistant prostate cancer cells. 2021 , 20, 15	7
1363	Selenium at the eural arriers: eview. 2021 , 15, 630016	13
1362	To betray or to fight? The dual identity of the mitochondria in cancer. 2021 , 17, 723-743	4
1361	Anthracyclins increase free PUFAs and etherPEs with PUFAs as potential hallmarks of lipid peroxidation and ferroptosis.	
1360	Redox Epiphospholipidome in Programmed Cell Death Signaling: Catalytic Mechanisms and Regulation. 2020 , 11, 628079	0
1359	Cytoglobin promotes sensitivity to ferroptosis by regulating p53-YAP1 axis in colon cancer cells. 2021 , 25, 3300-3311	10
1358	Antioxidative Stress: Inhibiting Reactive Oxygen Species Production as a Cause of Radioresistance and Chemoresistance. 2021 , 2021, 6620306	4
1357	HMGB1 regulates ferroptosis through Nrf2 pathway in mesangial cells in response to high glucose. 2021 , 41,	14
1356	Caspase-Independent Regulated Necrosis Pathways as Potential Targets in Cancer Management. 2020 , 10, 616952	5
1355	Phospholipase iPLA ₂ averts ferroptosis by eliminating a redox lipid death signal. 2021 , 17, 465-476	31
1354	Co-Administration of iRGD with Sorafenib-Loaded Iron-Based Metal-Organic Framework as a Targeted Ferroptosis Agent for Liver Cancer Therapy. 2021 , 16, 1037-1050	22
1353	Metformin induces ferroptosis by targeting miR-324-3p/GPX4 axis in breast cancer. 2021 , 53, 333-341	11
1352	Polycysteine as a new type of radio-protector ameliorated tissue injury through inhibiting ferroptosis in mice. 2021 , 12, 195	10
1351	Tannic Acid as a Natural Ferroptosis Inhibitor: Mechanisms and Beneficial Role of 3EO-Galloylation. 2021 , 6, 1562-1569	0
1350	Silencing of PTPN18 Induced Ferroptosis in Endometrial Cancer Cells Through p-P38-Mediated GPX4/xCT Down-Regulation. 2021 , 13, 1757-1765	9
1349	Unraveling Cell Death Pathways during Malaria Infection: What Do We Know So Far?. 2021 , 10,	6
1348	Fe toxicity in plants: Impacts and remediation. 2021 , 173, 201-222	9
1347	Nuciferine protects against folic acid-induced acute kidney injury by inhibiting ferroptosis. 2021 , 178, 1182-1199	15

1346	The Neurobiology of Selenium: Looking Back and to the Future. 2021 , 15, 652099	5
1345	Identification the ferroptosis-related gene signature in patients with esophageal adenocarcinoma. 2021 , 21, 124	23
1344	Cytochrome P450 reductase (POR) as a ferroptosis fuel. 2021 , 12, 675-679	6
1343	Targeting cancer stem cells for reversing therapy resistance: mechanism, signaling, and prospective agents. 2021 , 6, 62	45
1342	PDK4 dictates metabolic resistance to ferroptosis by suppressing pyruvate oxidation and fatty acid synthesis. 2021 , 34, 108767	35
1341	Ferroportin-Dependent Iron Homeostasis Protects against Oxidative Stress-Induced Nucleus Pulposus Cell Ferroptosis and Ameliorates Intervertebral Disc Degeneration. 2021 , 2021, 6670497	13
1340	The Clinical Significance of Iron Overload and Iron Metabolism in Myelodysplastic Syndrome and Acute Myeloid Leukemia. 2020 , 11, 627662	10
1339	Apatinib Promotes Ferroptosis in Colorectal Cancer Cells by Targeting ELOVL6/ACSL4 Signaling. 2021 , 13, 1333-1342	6
1338	Circular RNA circEPST11 accelerates cervical cancer progression via miR-375/409-3P/515-5p-SLC7A11 axis. 2021 , 13, 4663-4673	18
1337	miR-18a promotes glioblastoma development by down-regulating ALOXE3-mediated ferroptotic and anti-migration activities. 2021 , 10, 15	11
1336	xCT-Driven Expression of GPX4 Determines Sensitivity of Breast Cancer Cells to Ferroptosis Inducers. 2021 , 10,	13
1335	Role of ferroptosis in the process of diabetes-induced endothelial dysfunction. 2021 , 12, 124-137	19
1334	The Role of Butyrylcholinesterase and Iron in the Regulation of Cholinergic Network and Cognitive Dysfunction in Alzheimer's Disease Pathogenesis. 2021 , 22,	5
1333	Ferroptosis: mechanisms and links with diseases. 2021 , 6, 49	95
1332	The Metabolic Landscape of RAS-Driven Cancers from biology to therapy. 2021 , 2, 271-283	30
1331	Regulates Skeletal Muscle Mitochondrial Structure and Autophagy. 2021 , 12, 604210	2
1330	Off-resonance saturation as an MRI method to quantify ferritin-bound iron in the post-mortem brain.	
1329	Metabolic checkpoint of ferroptosis resistance. 2021 , 8, 1901558	0

1328	Ferroptosis by Lipid Peroxidation: The Tip of the Iceberg?. 2021 , 9, 646890	1
1327	Mitochondrial aldehyde dehydrogenase (ALDH2) rescues cardiac contractile dysfunction in an APP/PS1 murine model of Alzheimer's disease via inhibition of ACSL4-dependent ferroptosis. 2021 ,	9
1326	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. 2021 , 131,	8
1325	Role of ferroptosis in neurological diseases. 2021 , 747, 135614	8
1324	High-Performance Self-Cascade Pyrite Nanozymes for Apoptosis-Ferroptosis Synergistic Tumor Therapy. 2021 , 15, 5735-5751	78
1323	Peroxisome-driven ether-linked phospholipids biosynthesis is essential for ferroptosis. 2021 , 28, 2536-2551	26
1322	Baicalin Inhibits Ferroptosis in Intracerebral Hemorrhage. 2021 , 12, 629379	19
1321	Iron accumulation in skeletal muscles of old mice is associated with impaired regeneration after ischaemia-reperfusion damage. 2021 , 12, 476-492	6
1320	Rainfall Alters Permafrost Soil Redox Conditions, but Meta-Omics Show Divergent Microbial Community Responses by Tundra Type in the Arctic. 2021 , 5, 17	0
1319	Secondary coenzyme Q deficiency in neurological disorders. 2021 , 165, 203-218	1
1318	Chondrocyte ferroptosis contribute to the progression of osteoarthritis. 2021 , 27, 33-43	21
1317	Iron Metabolism Disorders for Cognitive Dysfunction After Mild Traumatic Brain Injury. 2021 , 15, 587197	2
1316	A quantum-chemical approach to develop tetrahydroquinoxaline as potent ferroptosis inhibitors. 2021 , 1228, 129485	1
1315	Ferroptosis and microbial pathogenesis. 2021 , 17, e1009298	2
1314	The Hippo Pathway Effector YAP Promotes Ferroptosis via the E3 Ligase SKP2. 2021 , 19, 1005-1014	11
1313	Curcumin induces ferroptosis in non-small-cell lung cancer via activating autophagy. 2021 , 12, 1219-1230	22
1312	Lipid peroxidation and the subsequent cell death transmitting from ferroptotic cells to neighboring cells. 2021 , 12, 332	10
1311	The emerging role of ferroptosis in intestinal disease. 2021 , 12, 289	20

1310	Superoxide produced by mitochondrial complex III plays a pivotal role in the execution of ferroptosis induced by cysteine starvation. 2021 , 700, 108775	8
1309	Maternal exposure to iron oxide nanoparticles is associated with ferroptosis in the brain: A chicken embryo model analysis. 2021 , 105, 1127-1135	1
1308	Ferroptotic stress promotes the accumulation of pro-inflammatory proximal tubular cells in maladaptive renal repair.	
1307	Roles of Selenoproteins in Brain Function and the Potential Mechanism of Selenium in Alzheimer's Disease. 2021 , 15, 646518	14
1306	Ferroptosis Photoinduced by New Cyclometalated Iridium(III) Complexes and Its Synergism with Apoptosis in Tumor Cell Inhibition. 2021 , 133, 8255-8262	3
1305	Is Ferroptosis a Future Direction in Exploring Cryptococcal Meningitis?. 2021 , 12, 598601	4
1304	Ferroptosis-related genes are potential prognostic molecular markers for patients with colorectal cancer. 2021 , 21, 467-477	11
1303	Ferroptosis inducer erastin sensitizes NSCLC cells to celastrol through activation of the ROS-mitochondrial fission-mitophagy axis. 2021 , 15, 2084-2105	22
1302	mTORC1 couples cyst(e)ine availability with GPX4 protein synthesis and ferroptosis regulation. 2021 , 12, 1589	55
1301	Comprehensive Analysis of Ferroptosis Regulators in Lung Adenocarcinomas Identifies Prognostic and Immunotherapy-Related Biomarkers. 2021 , 8, 587436	6
1300	The complexity of p53-mediated metabolic regulation in tumor suppression. 2021 ,	16
1299	ACSL4 exacerbates ischemic stroke by promoting ferroptosis-induced brain injury and neuroinflammation. 2021 , 93, 312-321	40
1298	Induction of ferroptosis in human nasopharyngeal cancer cells by cucurbitacin B: molecular mechanism and therapeutic potential. 2021 , 12, 237	9
1297	CircKDM4C upregulates P53 by sponging hsa-let-7b-5p to induce ferroptosis in acute myeloid leukemia. 2021 , 36, 1288-1302	10
1296	Ferroptosis Photoinduced by New Cyclometalated Iridium(III) Complexes and Its Synergism with Apoptosis in Tumor Cell Inhibition. 2021 , 60, 8174-8181	41
1295	Anti-ferroptotic mechanism of IL4i1-mediated amino acid metabolism. 2021 , 10,	14
1294	Ferroptosis: An emerging therapeutic target in stroke. 2021 ,	6
1293	Ferroptosis and its potential as a therapeutic target. 2021 , 186, 114486	18

1292	GSTZ1 sensitizes hepatocellular carcinoma cells to sorafenib-induced ferroptosis via inhibition of NRF2/GPX4 axis. 2021 , 12, 426	29
1291	Ferroptosis Is a Potential Novel Diagnostic and Therapeutic Target for Patients With Cardiomyopathy. 2021 , 9, 649045	8
1290	Ferroptosis as a mechanism to mediate p53 function in tumor radiosensitivity. 2021 , 40, 3533-3547	24
1289	Mitochondrial NADP(H) generation is essential for proline biosynthesis. 2021 , 372, 968-972	23
1288	Erastin synergizes with cisplatin via ferroptosis to inhibit ovarian cancer growth in vitro and in vivo. 2021 , 47, 2481-2491	6
1287	Identification of a ferroptosis-related gene signature predictive model in colon cancer. 2021 , 19, 135	7
1286	circSnx12 Is Involved in Ferroptosis During Heart Failure by Targeting miR-224-5p. 2021 , 8, 656093	9
1285	Translation of single-cell transcriptomic analysis of uveal melanomas to clinical oncology. 2021 , 85, 100968	8
1284	A Novel Defined Risk Signature of the Ferroptosis-Related Genes for Predicting the Prognosis of Ovarian Cancer. 2021 , 8, 645845	6
1283	Ferroptosis is involved in the progression of hepatocellular carcinoma through the circ0097009/miR-1261/SLC7A11 axis. 2021 , 9, 675	15
1282	Ferroptotic cell death triggered by conjugated linolenic acids is mediated by ACSL1. 2021 , 12, 2244	14
1281	Adaptive Changes Allow Targeting of Ferroptosis for Glioma Treatment. 2021 , 1	10
1280	Positive and Negative Regulation of Ferroptosis and Its Role in Maintaining Metabolic and Redox Homeostasis. 2021 , 2021, 9074206	12
1279	Ferroptosis resistance mechanisms in endometriosis for diagnostic model establishment. 2021 , 43, 127-138	3
1278	A mTORC1-mediated cyst(e)ine sensing mechanism governing GPX4 synthesis and ferroptosis. 2021 , 8, 1919006	1
1277	Repositioning of Antiparasitic Drugs for Tumor Treatment. 2021 , 11, 670804	5
1276	Ferroptosis, radiotherapy, and combination therapeutic strategies. 2021 , 12, 836-857	36
1275	The roles and regulation of MDM2 and MDMX: it is not just about p53. 2021 , 35, 575-601	6

1274	CREB stimulates GPX4 transcription to inhibit ferroptosis in lung adenocarcinoma. 2021 , 45,	14
1273	The role of iron in the pathogenesis of COVID-19 and possible treatment with lactoferrin and other iron chelators. 2021 , 136, 111228	56
1272	Oxindole-curcumin hybrid compound enhances the transcription of β -glutamylcysteine ligase. 2021 , 896, 173898	3
1271	Global Research Trends of Ferroptosis: A Rapidly Evolving Field With Enormous Potential. 2021 , 9, 646311	11
1270	Inhibitory effect of hydnocarpin D on T-cell acute lymphoblastic leukemia via induction of autophagy-dependent ferroptosis. 2021 , 246, 1541-1553	4
1269	Rapid responses of adipocytes to iron overload increase serum TG level by decreasing adiponectin. 2021 , 236, 7544-7553	4
1268	Ferroptosis: Biochemistry and Biology in Cancers. 2021 , 11, 579286	15
1267	Identification of a ferroptosis-related gene signature (FRGS) for predicting clinical outcome in lung adenocarcinoma. 2021 , 9, e11233	9
1266	Regulated cell death in cisplatin-induced AKI: relevance of -inositol metabolism. 2021 , 320, F578-F595	2
1265	Ferroptosis-Related Gene Signature Accurately Predicts Survival Outcomes in Patients With Clear-Cell Renal Cell Carcinoma. 2021 , 11, 649347	6
1264	Ultrasmall iron oxide nanoparticles induced ferroptosis via Beclin1/ATG5-dependent autophagy pathway. 2021 , 8, 10	9
1263	Blue light-triggered Fe-release from monodispersed ferrihydrite nanoparticles for cancer iron therapy. 2021 , 271, 120739	18
1262	Role of indoleamine 2,3-dioxygenase in ischemia-reperfusion injury of renal tubular epithelial cells. 2021 , 23,	5
1261	Iron Metabolism: An Under Investigated Driver of Renal Pathology in Lupus Nephritis. 2021 , 8, 643686	4
1260	Anti-metastasis and anti-proliferation effect of mitochondria-accumulating ruthenium(II) complexes via redox homeostasis disturbance and energy depletion. 2021 , 217, 111380	7
1259	The role and application of small extracellular vesicles in gastric cancer. 2021 , 20, 71	11
1258	A ferroptosis-related gene signature predicts overall survival in patients with lung adenocarcinoma. 2021 , 17, 1533-1544	17
1257	Ferroptosis Resistance in Cancer: An Emerging Crisis of New Hope. 2021 , 2, 22-28	1

1256	Oxidative Stress, Neuroinflammation, and NADPH Oxidase: Implications in the Pathogenesis and Treatment of Alzheimer's Disease. 2021 , 2021, 7086512	25
1255	The mitochondrial Ca uptake regulator, MICU1, is involved in cold stress-induced ferroptosis. 2021 , 22, e51532	6
1254	Natural Phytochemicals in Bladder Cancer Prevention and Therapy. 2021 , 11, 652033	3
1253	Metabolic Control by Heat Stress Determining Cell Fate to Ferroptosis for Effective Cancer Therapy. 2021 , 15, 7179-7194	29
1252	Enhanced anti-cancer activity of andrographis with oligomeric proanthocyanidins through activation of metabolic and ferroptosis pathways in colorectal cancer. 2021 , 11, 7548	8
1251	Alteration of Iron Concentration in Alzheimer's Disease as a Possible Diagnostic Biomarker Unveiling Ferroptosis. 2021 , 22,	4
1250	SPARC regulates ferroptosis induced by sorafenib in human hepatocellular carcinoma. 2021 ,	1
1249	Inhibition of Acyl-CoA Synthetase Long-Chain Family Member 4 Facilitates Neurological Recovery After Stroke by Regulation Ferroptosis. 2021 , 15, 632354	10
1248	Inhibiting ferroptosis: A novel approach for stroke therapeutics. 2021 , 26, 916-930	7
1247	A review on ferulic acid and analogs based scaffolds for the management of Alzheimer's disease. 2021 , 215, 113278	19
1246	NO Represses the Oxygenation of Arachidonoyl PE by 15LOX/PEBP1: Mechanism and Role in Ferroptosis. 2021 , 22,	4
1245	Individual expression of hepatitis A virus 3C protease induces ferroptosis in human cells in vitro.	
1244	Iron Overload-Induced Ferroptosis Impairs Porcine Oocyte Maturation and Subsequent Embryonic Developmental Competence. 2021 , 9, 673291	2
1243	Ferroptosis-Related Gene Signature: A New Method for Personalized Risk Assessment in Patients with Diffuse Large B-Cell Lymphoma. 2021 , 14, 609-619	2
1242	Expression and Prognostic Characteristics of Ferroptosis-Related Genes in Colon Cancer. 2021 , 22,	1
1241	A Novel Ferroptosis Related Gene Signature for Prognosis Prediction in Patients With Colon Cancer. 2021 , 11, 654076	9
1240	The dual role of ferroptosis in pancreatic cancer: a narrative review. 2021 , 4, 76-81	2
1239	A matter of concern - Trace element dyshomeostasis and genomic stability in neurons. 2021 , 41, 101877	9

1238	Prognostic value of ferroptosis-related genes in patients with lung adenocarcinoma. 2021 , 12, 1890-1899	9
1237	Construction and External Validation of a Ferroptosis-Related Gene Signature of Predictive Value for the Overall Survival in Bladder Cancer. 2021 , 8, 675651	13
1236	Role of Ferroptosis in Lung Diseases. 2021 , 14, 2079-2090	14
1235	Lipid Metabolism in Ferroptosis. 2021 , 5, e2100396	13
1234	Mutation Impairs the Autophagic Degradation of Transferrin Receptor and Promotes Ferroptosis. 2021 , 8, 645831	7
1233	Lipid peroxidation products as a mediator of toxicity and adaptive response - The regulatory role of selenoprotein and vitamin E. 2021 , 703, 108840	4
1232	Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Imaging in Biology. 2021 , 121, 11769-11822	14
1231	High-fat diet impairs ferroptosis and promotes cancer invasiveness via downregulating tumor suppressor ACSL4 in lung adenocarcinoma. 2021 , 16, 10	5
1230	Iron-Bound Lipocalin-2 Protects Renal Cell Carcinoma from Ferroptosis. 2021 , 11,	6
1229	Unveiling metabolic changes in marsupialized odontogenic keratocyst: A pilot study. 2021 ,	0
1228	Ferroptosis: A potential therapeutic target for neurodegenerative diseases. 2021 , 35, e22830	9
1227	CD36-mediated ferroptosis dampens intratumoral CD8 T cell effector function and impairs their antitumor ability. 2021 , 33, 1001-1012.e5	68
1226	Isorhynchophylline Relieves Ferroptosis-Induced Nerve Damage after Intracerebral Hemorrhage Via miR-122-5p/TP53/SLC7A11 Pathway. 2021 , 46, 1981-1994	9
1225	Cox4i2 Triggers an Increase in Reactive Oxygen Species, Leading to Ferroptosis and Apoptosis in HHV7 Infected Schwann Cells. 2021 , 8, 660072	1
1224	Targeting programmed cell death in metabolic dysfunction-associated fatty liver disease (MAFLD): a promising new therapy. 2021 , 26, 17	7
1223	Is Differentially Expressed in Aldosterone-Producing Adenomas and Protects Human Adrenocortical Cells From Ferroptosis. 2021 , 77, 1647-1658	3
1222	Cell Death via Lipid Peroxidation and Protein Aggregation Diseases. 2021 , 10,	6
1221	Ferroptosis-related gene signature predicts prognosis and immunotherapy in glioma. 2021 , 27, 973-986	11

1220	Molecular mechanism of cell ferroptosis and research progress in regulation of ferroptosis by noncoding RNAs in tumor cells. 2021 , 7, 101	15
1219	The Role of Ferroptosis in Acute Respiratory Distress Syndrome. 2021 , 8, 651552	2
1218	Mechanisms of Regulated Cell Death: Current Perspectives. 2021 , 58, 596-623	7
1217	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. 2021 , 133, 15222-15227	2
1216	LipidSig: a web-based tool for lipidomic data analysis. 2021 , 49, W336-W345	4
1215	Ferroptosis, trophoblast lipotoxic damage, and adverse pregnancy outcome. 2021 , 108, 32-38	8
1214	Crosstalk between Oxidative Stress and Ferroptosis/Oxytosis in Ischemic Stroke: Possible Targets and Molecular Mechanisms. 2021 , 2021, 6643382	9
1213	Molecular mechanisms of anthracycline cardiovascular toxicity. 2021 , 135, 1311-1332	4
1212	Recent Progress in the Drug Development for the Treatment of Alzheimer's Disease Especially on Inhibition of Amyloid-peptide Aggregation. 2021 , 21, 969-990	1
1211	Cyst(e)ine in nutrition formulation promotes colon cancer growth and chemoresistance by activating mTORC1 and scavenging ROS. 2021 , 6, 188	4
1210	The $\alpha 1$ /NMDA receptor complex is involved in brain injury after intracerebral hemorrhage in mice. 2021 , 8, 1366-1375	2
1209	mTOR-Mediated Cell Death and Infection. 2021 , 3, 57-68	0
1208	Metabolic Reprogramming: Strategy for Ischemic Stroke Treatment by Ischemic Preconditioning. 2021 , 10,	1
1207	Inhibiting Ferroptosis through Disrupting the NCOA4-FTH1 Interaction: A New Mechanism of Action. 2021 , 7, 980-989	27
1206	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. 2021 , 60, 15095-15100	42
1205	ADP-ribose triggers neuronal ferroptosis via metabolic orchestrating.	
1204	Proteomic Screens for Suppressors of Anoikis Identify IL1RAP as a Promising Surface Target in Ewing Sarcoma. 2021 , 11, 2884-2903	5
1203	Mitochondrial ferritin attenuates cerebral ischaemia/reperfusion injury by inhibiting ferroptosis. 2021 , 12, 447	13

1202	A Prognostic Ferroptosis-Related lncRNAs Signature Associated With Immune Landscape and Radiotherapy Response in Glioma. 2021 , 9, 675555	14
1201	Regulation of Th1 T Cell Differentiation by Iron Upregulation of T Cell Immunoglobulin and Mucin Containing Protein-3 (TIM-3). 2021 , 12, 637809	6
1200	Mechanisms of neuronal cell death in ischemic stroke and their therapeutic implications. 2022 , 42, 259-305	26
1199	Endogenous hydrogen sulfide regulates xCT stability through persulfidation of OTUB1 at cysteine 91 in colon cancer cells. 2021 , 23, 461-472	8
1198	SLC40A1 Mediates Ferroptosis and Cognitive Dysfunction in Type 1 Diabetes. 2021 , 463, 216-226	8
1197	Extracellular Vesicle Application as a Novel Therapeutic Strategy for Ischemic Stroke. 2021 , 1	2
1196	HDAC6 inhibitors sensitize non-mesenchymal triple-negative breast cancer cells to cysteine deprivation. 2021 , 11, 10956	2
1195	The Activation of Endothelial Cells Relies on a Ferroptosis-Like Mechanism: Novel Perspectives in Management of Angiogenesis and Cancer Therapy. 2021 , 11, 656229	6
1194	Quiescin sulfhydryl oxidase 1 promotes sorafenib-induced ferroptosis in hepatocellular carcinoma by driving EGFR endosomal trafficking and inhibiting NRF2 activation. 2021 , 41, 101942	18
1193	Anthracyclins Increase PUFAs: Potential Implications in ER Stress and Cell Death. 2021 , 10,	3
1192	DHODH-mediated ferroptosis defence is a targetable vulnerability in cancer. 2021 , 593, 586-590	131
1191	Hypoxia inhibits RANKL-induced ferritinophagy and protects osteoclasts from ferroptosis. 2021 , 169, 271-282	12
1190	Iron Self-Boosting Polymer Nanoenzyme for Low-Temperature Photothermal-Enhanced Ferrotherapy. 2021 , 13, 30274-30283	10
1189	Ferroptosis: an iron-dependent cell death form linking metabolism, diseases, immune cell and targeted therapy. 2021 , 1	9
1188	Ferroptosis Holds Novel Promise in Treatment of Cancer Mediated by Non-coding RNAs. 2021 , 9, 686906	5
1187	HIF-2 α activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. 2021 , 131,	18
1186	Development and validation of ferroptosis-related lncRNAs signature for hepatocellular carcinoma. 2021 , 9, e11627	8
1185	A novel ferroptosis phenotype-related clinical-molecular prognostic signature for hepatocellular carcinoma. 2021 , 25, 6618-6633	6

1184	Mechanism of Ferroptosis and Its Role in Type 2 Diabetes Mellitus. 2021 , 2021, 9999612	22
1183	Successive High-Resolution (HO)-GCIB and C-SIMS Imaging Integrates Multi-Omics in Different Cell Types in Breast Cancer Tissue. 2021 , 93, 8143-8151	4
1182	Insight into Crosstalk between Ferroptosis and Necroptosis: Novel Therapeutics in Ischemic Stroke. 2021 , 2021, 9991001	14
1181	Systematic profiling of ferroptosis gene signatures predicts prognostic factors in esophageal squamous cell carcinoma. 2021 , 21, 134-143	9
1180	mTORC1 and ferroptosis: Regulatory mechanisms and therapeutic potential. 2021 , 43, e2100093	7
1179	Effects of acute iron overload on Nrf2-related glutathione metabolism in rat brain. 2021 , 34, 1017-1027	1
1178	p53-mediated ferroptosis is required for 1-methyl-4-phenylpyridinium-induced senescence of PC12 cells. 2021 , 73, 105146	3
1177	Proteomic and lipidomic analyses reveal saturated fatty acids, phosphatidylinositol, phosphatidylserine, and associated proteins contributing to intramuscular fat deposition. 2021 , 241, 104235	5
1176	Mutagenic Consequences of Sublethal Cell Death Signaling. 2021 , 22,	3
1175	Enhanced triacylglycerol catabolism by carboxylesterase 1 promotes aggressive colorectal carcinoma. 2021 , 131,	5
1174	Knowledge Domain and Emerging Trends in Ferroptosis Research: A Bibliometric and Knowledge-Map Analysis. 2021 , 11, 686726	9
1173	Role of Exosomal Non-coding RNAs in Gastric Cancer: Biological Functions and Potential Clinical Applications. 2021 , 11, 700168	2
1172	ATF3 contributes to brucine-triggered glioma cell ferroptosis via promotion of hydrogen peroxide and iron. 2021 , 42, 1690-1702	9
1171	MiR-194-5p enhances the sensitivity of nonsmall-cell lung cancer to doxorubicin through targeted inhibition of hypoxia-inducible factor-1. 2021 , 19, 174	3
1170	Development and Validation of a Robust Ferroptosis-Related Prognostic Signature in Lung Adenocarcinoma. 2021 , 9, 616271	24
1169	Mitochondrial pyruvate carrier 1 regulates ferroptosis in drug-tolerant persister head and neck cancer cells via epithelial-mesenchymal transition. 2021 , 507, 40-54	15
1168	The potential application of nanomaterials for ferroptosis-based cancer therapy. 2021 , 16,	4
1167	Combined exposure of alumina nanoparticles and chronic stress exacerbates hippocampal neuronal ferroptosis via activating IFN- γ /ASK1/JNK signaling pathway in rats. 2021 , 411, 125179	11

1166	Metabolic and molecular signatures of improved growth in Atlantic salmon () fed surplus levels of methionine, folic acid, vitamin B and B throughout smoltification. 2021 , 1-14	1
1165	The glutathione peroxidase Gpx4 prevents lipid peroxidation and ferroptosis to sustain Treg cell activation and suppression of antitumor immunity. 2021 , 35, 109235	27
1164	Kaempferol Ameliorates Oxygen-Glucose Deprivation/Reoxygenation-Induced Neuronal Ferroptosis by Activating Nrf2/SLC7A11/GPX4 Axis. 2021 , 11,	22
1163	Guizhi Fuling Capsule ameliorates endometrial hyperplasia through promoting p62-Keap1-NRF2-mediated ferroptosis. 2021 , 274, 114064	7
1162	Cell Death and Exosomes Regulation After Myocardial Infarction and Ischemia-Reperfusion. 2021 , 9, 673677	7
1161	Ferroptosis and Its Multifaceted Roles in Cerebral Stroke. 2021 , 15, 615372	12
1160	Identification of a Ferroptosis-Related LncRNA Signature as a Novel Prognosis Model for Lung Adenocarcinoma. 2021 , 11, 675545	11
1159	Overexpression of ferroptosis defense enzyme Gpx4 retards motor neuron disease of SOD1G93A mice. 2021 , 11, 12890	8
1158	A novel ferroptosis-related gene signature for prognostic prediction of patients with lung adenocarcinoma. 2021 , 13, 16144-16164	7
1157	The role of regulated necrosis in endocrine diseases. 2021 , 17, 497-510	10
1156	Metformin induces Ferroptosis by inhibiting UFMylation of SLC7A11 in breast cancer. 2021 , 40, 206	22
1155	Ferroptosis in Different Pathological Contexts Seen through the Eyes of Mitochondria. 2021 , 2021, 5537330	10
1154	Induction of ferroptosis by ATF3 elevation alleviates cisplatin resistance in gastric cancer by restraining Nrf2/Keap1/xCT signaling. 2021 , 26, 26	11
1153	Ferroptosis-Related Gene-Based Prognostic Model and Immune Infiltration in Clear Cell Renal Cell Carcinoma. 2021 , 12, 650416	4
1152	Inhibition of Oxidative Stress and ALOX12 and NF- κ B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. 2021 , 10,	13
1151	Emerging roles of ferroptosis in the tumor immune landscape: from danger signals to anti-tumor immunity. 2021 ,	11
1150	Self-Assembling Porphyrins as a Single Therapeutic Agent for Synergistic Cancer Therapy: A One Stone Three Birds Strategy. 2021 , 13, 27856-27867	10
1149	Signaling pathways and defense mechanisms of ferroptosis. 2021 ,	22

1148	Progress in Redirecting Antiparasitic Drugs for Cancer Treatment. 2021 , 15, 2747-2767	3
1147	Identification of ferroptosis as a novel mechanism for antitumor activity of natural product derivative a2 in gastric cancer. 2021 , 11, 1513-1525	9
1146	Identification and Validation of an 11-Ferroptosis Related Gene Signature and Its Correlation With Immune Checkpoint Molecules in Glioma. 2021 , 9, 652599	7
1145	MGST1 is a redox-sensitive repressor of ferroptosis in pancreatic cancer cells. 2021 , 28, 765-775.e5	28
1144	PARP inhibition promotes ferroptosis via repressing SLC7A11 and synergizes with ferroptosis inducers in BRCA-proficient ovarian cancer. 2021 , 42, 101928	33
1143	Improving the safety and security of fruits and vegetables during COVID-19 pandemic with postharvest handling. 2021 , 1-11	2
1142	Ferroptosis as a New Mechanism in Parkinson's Disease Therapy Using Traditional Chinese Medicine. 2021 , 12, 659584	2
1141	A Promising Future of Ferroptosis in Tumor Therapy. 2021 , 9, 629150	12
1140	Development and Validation of a Random Forest Diagnostic Model of Acute Myocardial Infarction Based on Ferroptosis-Related Genes in Circulating Endothelial Cells. 2021 , 8, 663509	3
1139	Nanomedicine promotes ferroptosis to inhibit tumour proliferation in vivo. 2021 , 42, 101908	5
1138	Implication of ferroptosis in aging. 2021 , 7, 149	10
1137	MGST1, a new soldier of NRF2 in the battle against ferroptotic death. 2021 , 28, 741-742	2
1136	A Ferroptosis-Related lncRNAs Signature Predicts Prognosis and Immune Microenvironment for Breast Cancer. 2021 , 8, 678877	11
1135	Regulation of ferroptosis by bioactive phytochemicals: Implications for medical nutritional therapy. 2021 , 168, 105580	6
1134	Eight-gene prognostic signature associated with hypoxia and ferroptosis for gastric cancer with general applicability. 2021 , 13, 875-890	3
1133	The STING1 network regulates autophagy and cell death. 2021 , 6, 208	17
1132	A Novel Ferroptosis-Related Pathway for Regulating Immune Checkpoints in Clear Cell Renal Cell Carcinoma. 2021 , 11, 678694	3
1131	Cumulative Damage: Cell Death in Posthemorrhagic Hydrocephalus of Prematurity. 2021 , 10,	1

1130	Baicalein inhibits RLS3-induced ferroptosis in melanocytes. 2021 , 561, 65-72	2
1129	Characterization of ferroptosis signature to evaluate the predict prognosis and immunotherapy in glioblastoma. 2021 , 13, 17655-17672	5
1128	Prokineticin-2 prevents neuronal cell deaths in a model of traumatic brain injury. 2021 , 12, 4220	6
1127	Untargeted Metabolomic Profiling of Liver in a Chronic Intermittent Hypoxia Mouse Model. 2021 , 12, 701035	4
1126	GPX4 and vitamin E cooperatively protect hematopoietic stem and progenitor cells from lipid peroxidation and ferroptosis. 2021 , 12, 706	9
1125	Ferroptosis and Its Role in Epilepsy. 2021 , 15, 696889	2
1124	Vitamin E Can Ameliorate Oxidative Damage of Ovine Hepatocytes by Regulating Genes Expression Associated with Apoptosis and Pyroptosis, but Not Ferroptosis. 2021 , 26,	0
1123	Programmed cell death, redox imbalance, and cancer therapeutics. 2021 , 26, 385-414	3
1122	New Target in an Old Enemy: Herbicide ()-Dichlorprop Induces Ferroptosis-like Death in Plants. 2021 , 69, 7554-7564	2
1121	Mechanisms and Molecular Targets of Artemisinin in Cancer Treatment. 2021 , 39, 675-684	6
1120	Effect of Malt-PEG-Abz@RSL3 micelles on HepG2 cells based on NADPH depletion and GPX4 inhibition in ferroptosis. 2021 , 1-11	3
1119	Analysis of Ferroptosis-Mediated Modification Patterns and Tumor Immune Microenvironment Characterization in Uveal Melanoma. 2021 , 9, 685120	3
1118	Autophagy-Dependent Ferroptosis as a Therapeutic Target in Cancer. 2021 , 16, 2942-2950	3
1117	Uptake of oxidized lipids by the scavenger receptor CD36 promotes lipid peroxidation and dysfunction in CD8 T'cells in tumors. 2021 , 54, 1561-1577.e7	47
1116	Tumor-killing nanoreactors fueled by tumor debris can enhance radiofrequency ablation therapy and boost antitumor immune responses. 2021 , 12, 4299	15
1115	Metabolic networks in mutant KRAS-driven tumours: tissue specificities and the microenvironment. 2021 , 21, 510-525	26
1114	Ferroptosis Regulation by Nutrient Signalling. 2021 , 1-13	1
1113	Dysfunction of the key ferroptosis-surveilling systems hypersensitizes mice to tubular necrosis during acute kidney injury. 2021 , 12, 4402	22

1112	Inflammatory cell death induced by cytotoxic lymphocytes: a dangerous but necessary liaison. 2021	5
1111	Ferroptotic stress promotes the accumulation of pro-inflammatory proximal tubular cells in maladaptive renal repair. 2021 , 10,	8
1110	Ether phospholipids govern ferroptosis. 2021 , 48, 517-519	4
1109	Identification of a Ferroptosis-Related Signature Associated with Prognosis and Immune Infiltration in Adrenocortical Carcinoma. 2021 , 2021, 4654302	5
1108	CAMKK2 Defines Ferroptosis Sensitivity of Melanoma Cells by Regulating AMPK-NRF2 Pathway. 2021 ,	7
1107	CPEB1 enhances erastin-induced ferroptosis in gastric cancer cells by suppressing twist1 expression. 2021 , 73, 1180-1190	1
1106	Therapeutic targeting of the hypoxic tumour microenvironment. 2021 , 18, 751-772	32
1105	Identification of a prognostic ferroptosis-related lncRNA signature in the tumor microenvironment of lung adenocarcinoma. 2021 , 7, 190	13
1104	N,N-Dimethyltryptamine attenuates spreading depolarization and restrains neurodegeneration by sigma-1 receptor activation in the ischemic rat brain. 2021 , 192, 108612	8
1103	Inhibiting xCT/SLC7A11 induces ferroptosis of myofibroblastic hepatic stellate cells but exacerbates chronic liver injury. 2021 , 41, 2214-2227	7
1102	Targeting Tristetraprolin Expression or Functional Activity Regulates Inflammatory Response Induced by MSU Crystals. 2021 , 12, 675534	2
1101	Ferroptosis and Its Potential Role in Metabolic Diseases: A Curse or Revitalization?. 2021 , 9, 701788	8
1100	Identification of ferroptosis genes in immune infiltration and prognosis in thyroid papillary carcinoma using network analysis. 2021 , 22, 576	6
1099	SRSF10: an atypical splicing regulator with critical roles in stress response, organ development, and viral replication. 2021 , 27, 1302-1317	2
1098	A Ferroptosis-Related Gene Signature Identified as a Novel Prognostic Biomarker for Colon Cancer. 2021 , 12, 692426	5
1097	Antioxidant and food additive BHA prevents TNF cytotoxicity by acting as a direct RIPK1 inhibitor. 2021 , 12, 699	2
1096	A novel ferroptosis-related genes model for prognosis prediction of lung adenocarcinoma. 2021 , 21, 229	5
1095	Ferroptosis-Related Gene Signature and Patterns of Immune Infiltration Predict the Overall Survival in Patients With Lung Adenocarcinoma. 2021 , 8, 692530	5

1094	Cardiopulmonary Resuscitation and Rescue Therapies. 2021 , 49, 1375-1388	0
1093	Differences between antioxidant defense parameters and specific trace element concentrations in healthy, benign, and malignant brain tissues. 2021 , 11, 14766	0
1092	Ferroptosis: a cell death connecting oxidative stress, inflammation and cardiovascular diseases. 2021 , 7, 193	28
1091	Molecular identification of an immunity- and Ferroptosis-related gene signature in non-small cell lung Cancer. 2021 , 21, 783	6
1090	Abrogation of HnRNP L enhances anti-PD-1 therapy efficacy diminishing PD-L1 and promoting CD8 T cell-mediated ferroptosis in castration-resistant prostate cancer.. 2022 , 12, 692-707	1
1089	A Novel Ferroptosis-Related Biomarker Signature to Predict Overall Survival of Esophageal Squamous Cell Carcinoma. 2021 , 8, 675193	5
1088	Ferritinophagy-Mediated Ferroptosis Involved in Paraquat-Induced Neurotoxicity of Dopaminergic Neurons: Implication for Neurotoxicity in PD. 2021 , 2021, 9961628	10
1087	Cephalosporin antibiotics specifically and selectively target nasopharyngeal carcinoma through HMOX1-induced ferroptosis. 2021 , 277, 119457	3
1086	Nucleotide Biosynthesis Links Glutathione Metabolism to Ferroptosis Sensitivity.	
1085	Prognostic and immune implications of a novel ferroptosis-related ten-gene signature in lung adenocarcinoma. 2021 , 9, 1058	3
1084	Mitochondrial regulation of ferroptosis. 2021 , 220,	26
1083	Iron overload-induced oxidative stress in myelodysplastic syndromes and its cellular sequelae. 2021 , 163, 103367	2
1082	Individual Expression of Hepatitis A Virus 3C Protease Induces Ferroptosis in Human Cells In Vitro. 2021 , 22,	1
1081	Identification and Validation of a Prognostic Signature for Prostate Cancer Based on Ferroptosis-Related Genes. 2021 , 11, 623313	9
1080	Seizure-mediated iron accumulation and dysregulated iron metabolism after status epilepticus and in temporal lobe epilepsy. 2021 , 142, 729-759	3
1079	A novel ferroptosis-related 12-gene signature predicts clinical prognosis and reveals immune relevancy in clear cell renal cell carcinoma. 2021 , 21, 831	10
1078	Re-convolving the compositional landscape of primary and recurrent glioblastoma using single nucleus RNA sequencing.	1
1077	Emerging mechanisms and targeted therapy of ferroptosis in cancer. 2021 , 29, 2185-2208	29

1076	Iron overload in the motor cortex induces neuronal ferroptosis following spinal cord injury. 2021 , 43, 101984	7
1075	Hot Topics in Recent Parkinson's Disease Research: Where We are and Where We Should Go. 2021 , 37, 1735-1744	5
1074	Ferroptosis-related gene signature predicts the prognosis in Oral squamous cell carcinoma patients. 2021 , 21, 835	2
1073	Construction and validation of a 15-gene ferroptosis signature in lung adenocarcinoma. 2021 , 9, e11687	4
1072	CLTRN, Regulated by NRF1/RAN/DLD Protein Complex, Enhances Radiation Sensitivity of Hepatocellular Carcinoma Cells Through Ferroptosis Pathway. 2021 , 110, 859-871	6
1071	Ferroptosis and traumatic brain injury. 2021 , 172, 212-219	7
1070	Ferroptosis-Inhibitory Difference between Chebulagic Acid and Chebulinic Acid Indicates Beneficial Role of HHDP. 2021 , 26,	1
1069	SUMOylation modification-mediated cell death. 2021 , 11, 210050	2
1068	The Ferroptosis-NLRP1 Inflammasome: The Vicious Cycle of an Adverse Pregnancy. 2021 , 9, 707959	3
1067	Tumour fatty acid metabolism in the context of therapy resistance and obesity. 2021 , 21, 753-766	23
1066	Dysregulated cholesterol homeostasis results in resistance to ferroptosis increasing tumorigenicity and metastasis in cancer. 2021 , 12, 5103	11
1065	Cross-Talk between Oxidative Stress and mA RNA Methylation in Cancer. 2021 , 2021, 6545728	7
1064	Punicic Acid Triggers Ferroptotic Cell Death in Carcinoma Cells. 2021 , 13,	3
1063	Mitogen-Activated Protein Kinase OsMEK2 and OsMPK1 Signaling Is Required for Ferroptotic Cell Death in Rice- Interactions. 2021 , 12, 710794	2
1062	A Ferroptosis-Related Gene Model Predicts Prognosis and Immune Microenvironment for Cutaneous Melanoma. 2021 , 12, 697043	4
1061	Ferroptosis: A Trusted Ally in Combating Drug Resistance in Cancer. 2021 ,	2
1060	A Novel Prognostic Model Based on Ferroptosis-Related Gene Signature for Bladder Cancer. 2021 , 11, 686044	9
1059	Establishment of a ferroptosis-related gene signature for prognosis in lung adenocarcinoma patients. 2021 , 9, e11931	3

1058	GOT1 inhibition promotes pancreatic cancer cell death by ferroptosis. 2021 , 12, 4860	19
1057	Intrauterine Hyperglycemia Alters the Metabolomic Profile in Fetal Mouse Pancreas in a Gender-Specific Manner. 2021 , 12, 710221	0
1056	Preliminary evidence for the presence of multiple forms of cell death in diabetes cardiomyopathy.. 2022 , 12, 1-17	2
1055	Targetting ferroptosis for blood cell-related diseases. 2021 , 1-15	4
1054	Gene expression profile analysis of gallic acid-induced cell death process. 2021 , 11, 16743	0
1053	SLC7A11 regulated by NRF2 modulates esophageal squamous cell carcinoma radiosensitivity by inhibiting ferroptosis. 2021 , 19, 367	15
1052	A single genetic locus controls both expression of DPEP1/CHMP1A and kidney disease development via ferroptosis. 2021 , 12, 5078	6
1051	Cell Ferroptosis: New Mechanism and New Hope for Retinitis Pigmentosa. 2021 , 10,	2
1050	A prognostic model for hepatocellular carcinoma patients based on signature ferroptosis-related genes. 2021 , 1	3
1049	Classification and Treatment of Diseases in the Age of Genome Medicine Based on Pathway Pathology. 2021 , 22,	1
1048	Protecting mitochondria via inhibiting VDAC1 oligomerization alleviates ferroptosis in acetaminophen-induced acute liver injury. 2021 , 1	6
1047	Molecular basis for redox control by the human cystine/glutamate antiporter System xc-.	1
1046	Research Progress of Ferroptosis: A Bibliometrics and Visual Analysis Study. 2021 , 2021, 2178281	2
1045	Selenium-GPX4 axis protects follicular helper T cells from ferroptosis. 2021 , 22, 1127-1139	26
1044	Involvement of ferroptosis in the granulosa cells proliferation of PCOS through the circRHBG/miR-515/SLC7A11 axis. 2021 , 9, 1348	3
1043	Scalp Acupuncture Protects Against Neuronal Ferroptosis by Activating The p62-Keap1-Nrf2 Pathway in Rat Models of Intracranial Haemorrhage. 2021 , 1	3
1042	A novel survival model based on a Ferroptosis-related gene signature for predicting overall survival in bladder cancer. 2021 , 21, 943	5
1041	Reactive oxygen species produced by altered tumor metabolism impacts cancer stem cell maintenance. 2021 , 44, 101953	12

1040	Targeting Ferroptosis to Treat Cardiovascular Diseases: A New Continent to Be Explored. 2021 , 9, 737971	10
1039	Inhibition of GPX4 or mTOR overcomes resistance to Lapatinib via promoting ferroptosis in NSCLC cells. 2021 , 567, 154-160	17
1038	Involvement of ferroptosis in human motor neuron cell death. 2021 , 566, 24-29	2
1037	Fenton Reaction Induced by Fe-Based Nanoparticles for Tumor Therapy. 2021 , 17, 1510-1524	3
1036	Targeting ferroptosis synergistically sensitizes apoptotic sonodynamic anti-tumor nanotherapy. 2021 , 39, 101212	11
1035	Glutathione and Related Molecules in Parkinsonism. 2021 , 22,	5
1034	Functionalized Tumor-Targeting Nanosheets Exhibiting Fe(II) Overloading and GSH Consumption for Ferroptosis Activation in Liver Tumor. 2021 , 17, e2102046	18
1033	Newcastle-disease-virus-induced ferroptosis through nutrient deprivation and ferritinophagy in tumor cells. 2021 , 24, 102837	2
1032	Autophagy Inhibition Plays a Protective Role in Ferroptosis Induced by Alcohol via the p62-Keap1-Nrf2 Pathway. 2021 , 69, 9671-9683	3
1031	Neuronal Death. 2021 , 145-154	
1030	The Ageing Brain: Molecular and Cellular Basis of Neurodegeneration. 2021 , 9, 683459	13
1029	Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease. 2021 , 35, 270-292	4
1028	Ferroptosis in aquaculture research. 2021 , 541, 736760	
1027	Ferroptosis: A Novel Therapeutic Target for Ischemia-Reperfusion Injury. 2021 , 9, 688605	9
1026	Multimodal polymer encapsulated CdSe/FeO nanoplatform with improved biocompatibility for two-photon and temperature stimulated bioapplications. 2021 , 127, 112224	5
1025	Identification of a Novel Ferroptosis-Related Gene Signature for Prediction of Prognosis in Bladder Urothelial Carcinoma. 2021 , 1-16	
1024	Genome-wide synthetic lethal screen unveils novel CAIX-NFS1/xCT axis as a targetable vulnerability in hypoxic solid tumors. 2021 , 7,	29
1023	MiR-7-5p Is Involved in Ferroptosis Signaling and Radioresistance Thru the Generation of ROS in Radioresistant HeLa and SAS Cell Lines. 2021 , 22,	13

1022	Ferroptosis: the potential value target in atherosclerosis. 2021 , 12, 782	12
1021	The Multiple Facets of Iron Recycling. 2021 , 12,	1
1020	Association of Alteration with Tissue Specificity and Patient Outcome of -Mutant Glioma. 2021 , 10,	2
1019	Progress in Understanding Ferroptosis and Its Targeting for Therapeutic Benefits in Traumatic Brain and Spinal Cord Injuries. 2021 , 9, 705786	3
1018	Super-enhancer-driven Sorting Nexin 5 expression promotes dopaminergic neuronal ferroptosis in Parkinson's disease models. 2021 , 567, 35-41	5
1017	Organelle-specific regulation of ferroptosis. 2021 , 28, 2843-2856	14
1016	Regulation of Ferroptosis Pathway by Ubiquitination. 2021 , 9, 699304	1
1015	A novel signature constructed by ferroptosis-associated genes (FAGs) for the prediction of prognosis in bladder urothelial carcinoma (BLCA) and associated with immune infiltration. 2021 , 21, 414	5
1014	Ruxolitinib exerts neuroprotection via repressing ferroptosis in a mouse model of traumatic brain injury. 2021 , 342, 113762	3
1013	Bioinformatic mining and validation of the effects of ferroptosis regulators on the prognosis and progression of pancreatic adenocarcinoma. 2021 , 795, 145804	8
1012	Glutathione peroxidase 4-regulated neutrophil ferroptosis induces systemic autoimmunity. 2021 , 22, 1107-1117	22
1011	A Novel Ferroptosis-Related Prognostic Signature Reveals Macrophage Infiltration and EMT Status in Bladder Cancer. 2021 , 9, 712230	7
1010	Ferroptosis, a New Insight Into Acute Lung Injury. 2021 , 12, 709538	4
1009	Ferroptosis, a Potential Therapeutic Target in Alzheimer's Disease. 2021 , 9, 704298	4
1008	Stem Cell Factor SOX2 Confers Ferroptosis Resistance in Lung Cancer via Upregulation of SLC7A11. 2021 , 81, 5217-5229	9
1007	Simultaneous Quantification and Speciation of Trace Metals in Paired Serum and CSF Samples by Size Exclusion Chromatography-Inductively Coupled Plasma-Dynamic Reaction Cell-Mass Spectrometry (SEC-DRC-ICP-MS). 2021 , 22,	3
1006	Selective extension of cerebral vascular calcification in an autopsy case of Fahr's syndrome associated with asymptomatic hypoparathyroidism. 2021 , 41, 387-395	
1005	A robust ferroptosis-related gene signature predicts overall survival in clear cell renal cell carcinoma. 2021 , 17, 4321-4341	1

1004	Comprehensive analysis of new prognostic signature based on ferroptosis-related genes in clear cell renal cell carcinoma. 2021 , 13, 19789-19804	3
1003	Ferroptosis-Related Genes in Lung Adenocarcinoma: Prognostic Signature and Immune, Drug Resistance, Mutation Analysis. 2021 , 12, 672904	6
1002	Recent progress on targeting ferroptosis for cancer therapy. 2021 , 190, 114584	14
1001	Etherglycerophospholipids and ferroptosis: structure, regulation, and location. 2021 , 32, 960-962	0
1000	Dysregulation of iron homeostasis in the CNS and the role of ferroptosis in neurodegenerative disorders. 2021 ,	3
999	Treatment of early brain injury after subarachnoid hemorrhage in the rat model by inhibiting p53-induced ferroptosis. 2021 , 762, 136134	6
998	LncRNA OIP5-AS1 inhibits ferroptosis in prostate cancer with long-term cadmium exposure through miR-128-3p/SLC7A11 signaling. 2021 , 220, 112376	19
997	A nonferrous ferroptosis-like strategy for antioxidant inhibition-synergized nanocatalytic tumor therapeutics. 2021 , 7, eabj8833	25
996	Current understanding of ferroptosis in the progression and treatment of pancreatic cancer. 2021 , 21, 480	2
995	Ferritinophagy and ferroptosis in cardiovascular disease: Mechanisms and potential applications. 2021 , 141, 111872	9
994	PIEZO1 Ion Channel Mediates Ionizing Radiation-Induced Pulmonary Endothelial Cell Ferroptosis Ca/Calpain/VE-Cadherin Signaling. 2021 , 8, 725274	3
993	Metabolic Reprogramming and Immune Evasion in Nasopharyngeal Carcinoma. 2021 , 12, 680955	2
992	Ferroptosis Meets Cell-Cell Contacts. 2021 , 10,	4
991	Role of Intra- and Extracellular Lipid Signals in Cancer Stemness and Potential Therapeutic Strategy. 2021 , 12, 730751	1
990	Predictive and prognostic impact of ferroptosis-related genes ACSL4 and GPX4 on breast cancer treated with neoadjuvant chemotherapy. 2021 , 71, 103560	9
989	Lipocalin 2 as a link between ageing, risk factor conditions and age-related brain diseases. 2021 , 70, 101414	6
988	The Reactive Species Interactome in the Brain. 2021 , 35, 1176-1206	3
987	Heat Shock Protein Beta 1 is a Prognostic Biomarker and Correlated with Immune Infiltrates in Hepatocellular Carcinoma. 2021 , 14, 5483-5492	0

986	Liraglutide Alleviates Cognitive Deficit in db/db Mice: Involvement in Oxidative Stress, Iron Overload, and Ferroptosis. 2021 , 1	6
985	Electrostatic Drivers of GPx4 Interactions with Membrane, Lipids, and DNA. 2021 , 60, 2761-2772	2
984	The role of iron homeostasis in remodeling immune function and regulating inflammatory disease. 2021 , 66, 1806-1816	10
983	A new thiol-independent mechanism of epithelial host defense against <i>Pseudomonas aeruginosa</i> : iNOS/NO sabotage of theft-ferroptosis. 2021 , 45, 102045	5
982	A tumor acidity-driven transformable polymeric nanoassembly with deep tumor penetration and membrane-anchoring capability for targeted photodynamic therapy. 2021 , 276, 121024	4
981	Renal Lipid Metabolism Abnormalities in Obesity and Clear Cell Renal Cell Carcinoma. 2021 , 11,	3
980	Ferroptosis and Cancer: Complex Relationship and Potential Application of Exosomes. 2021 , 9, 733751	10
979	Development and validation of a novel ferroptosis-related gene signature for predicting prognosis and immune microenvironment in head and neck squamous cell carcinoma. 2021 , 98, 107789	12
978	Fundamental Mechanisms of the Cell Death Caused by Nitrosative Stress. 2021 , 9, 742483	6
977	Evaluation of Ferroptosis-related Gene as a Novel Biomarker Associated with the Immune Microenvironment and Prognosis in Breast Cancer. 2021 , 14, 6189-6200	5
976	Discovery of phloroglucinols from <i>Hypericum japonicum</i> as ferroptosis inhibitors. 2021 , 153, 104984	1
975	A Promising Esophageal Cancer Prognostic Signature of Ferroptosis-Related LncRNA to Predict Immune Scenery and Immunotherapy Response. 2021 , 14, 5845-5862	1
974	Genomic analysis uncovers prognostic and immunogenic characteristics of ferroptosis for clear cell renal cell carcinoma. 2021 , 25, 186-197	10
973	A ferroptosis-associated gene signature for the prediction of prognosis and therapeutic response in luminal-type breast carcinoma. 2021 , 11, 17610	1
972	Ferroptosis-related lncRNA pairs to predict the clinical outcome and molecular characteristics of pancreatic ductal adenocarcinoma. 2021 ,	4
971	A Novel Ferroptosis-Related Gene Signature Predicts Recurrence in Patients With Pancreatic Ductal Adenocarcinoma. 2021 , 8, 650264	1
970	Gene Signatures Induced by Ionizing Radiation as Prognostic Tools in an In Vitro Experimental Breast Cancer Model. 2021 , 13,	0
969	Dipeptidyl peptidase-4 and transferrin receptor serve as prognostic biomarkers for acute myeloid leukemia. 2021 , 9, 1381	4

968	Identification of the Ferroptosis-Associated Gene Signature to Predict the Prognostic Status of Endometrial Carcinoma Patients. 2021 , 2021, 9954370	2
967	The Evolving Role of Ferroptosis in Breast Cancer: Translational Implications Present and Future. 2021 , 13,	1
966	Nano-Drug Design Based on the Physiological Properties of Glutathione. 2021 , 26,	2
965	D-mannose alleviates osteoarthritis progression by inhibiting chondrocyte ferroptosis in a HIF-2 β -dependent manner. 2021 , 54, e13134	8
964	Biodegradable Upconversion Nanoparticles Induce Pyroptosis for Cancer Immunotherapy. 2021 , 21, 8281-8289	15
963	A glutathione-responsive polyphenol - Constructed nanodevice for double roles in apoptosis and ferroptosis. 2021 , 205, 111902	2
962	Novel function of fluvastatin in attenuating oxidized low-density lipoprotein-induced endothelial cell ferroptosis in a glutathione peroxidase4- and cystine-glutamate antiporter-dependent manner. 2021 , 22, 1275	2
961	Construction and analysis of a novel ferroptosis-related gene signature predicting prognosis in lung adenocarcinoma. 2021 , 11, 3005-3018	1
960	Mechanism of Intervention in Cerebral Infarction: A Research Based on Chemoinformatics and Systematic Pharmacology. 2021 , 2021, 6789835	
959	A Nomogram Integrating Ferroptosis- and Immune-Related Biomarkers for Prediction of Overall Survival in Lung Adenocarcinoma. 2021 , 12, 706814	2
958	The Knockdown of Inhibits the Papillary Thyroid Cancer Development by Promoting Ferroptosis Upon Downregulation. 2021 , 40, 1211-1221	1
957	Discovery of a Potent Glutathione Peroxidase 4 Inhibitor as a Selective Ferroptosis Inducer. 2021 , 64, 13312-13326	2
956	Resveratrol attenuates rotenone-induced inflammation and oxidative stress via STAT1 and Nrf2/Keap1/SLC7A11 pathway in a microglia cell line. 2021 , 225, 153576	7
955	Lipid metabolism in sickness and in health: Emerging regulators of lipotoxicity. 2021 , 81, 3708-3730	12
954	Ferroptosis: A New Promising Target for Lung Cancer Therapy. 2021 , 2021, 8457521	3
953	Recommendations for the use of the acetaminophen hepatotoxicity model for mechanistic studies and how to avoid common pitfalls.. 2021 , 11, 3740-3755	7
952	The transcription factor BACH1 at the crossroads of cancer biology: From epithelial-mesenchymal transition to ferroptosis. 2021 , 297, 101032	6
951	N2L, a novel lipoic acid-niacin dimer, attenuates ferroptosis and decreases lipid peroxidation in HT22 cells. 2021 , 174, 250-259	3

950	Identification of a Ferroptosis-Related Signature Model Including mRNAs and lncRNAs for Predicting Prognosis and Immune Activity in Hepatocellular Carcinoma. 2021 , 11, 738477	9
949	Characterization of Selenium Compounds for Anti-ferroptotic Activity in Neuronal Cells and After Cerebral Ischemia-Reperfusion Injury. 2021 , 1	7
948	Effect of endothelial progenitor cell-derived extracellular vesicles on endothelial cell ferroptosis and atherosclerotic vascular endothelial injury. 2021 , 7, 235	10
947	Dihydroartemisinin triggers ferroptosis in primary liver cancer cells by promoting and unfolded protein response-induced upregulation of CHAC1 expression. 2021 , 46,	3
946	Glycyrrhetic acid induces oxidative/nitrative stress and drives ferroptosis through activating NADPH oxidases and iNOS, and depriving glutathione in triple-negative breast cancer cells. 2021 , 173, 41-51	13
945	Nitric oxide protects against ferroptosis by aborting the lipid peroxidation chain reaction. 2021 , 115, 34-43	7
944	Phosphorescent rhenium(I) complexes conjugated with artesunate: Mitochondrial targeting and apoptosis-ferroptosis dual induction. 2021 , 223, 111537	4
943	Ferrostatin-1 alleviated TNBS induced colitis via the inhibition of ferroptosis. 2021 , 573, 48-54	3
942	Carnosine dipeptidase II (CNDP2) protects cells under cysteine insufficiency by hydrolyzing glutathione-related peptides. 2021 , 174, 12-27	2
941	Expression of Ferroptosis-Related Genes Shapes Tumor Microenvironment and Pharmacological Profile in Gastric Cancer. 2021 , 9, 694003	0
940	Tetrahydroxy stilbene glycoside ameliorates Alzheimer's disease in APP/PS1 mice via glutathione peroxidase related ferroptosis. 2021 , 99, 108002	4
939	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. 2021 , 46, 102131	10
938	Redox modulation of vitagenes via plant polyphenols and vitamin D: Novel insights for chemoprevention and therapeutic interventions based on organoid technology. 2021 , 199, 111551	5
937	Iron homeostasis in arthropathies: From pathogenesis to therapeutic potential. 2021 , 72, 101481	1
936	A novel surface treatment of carbon fiber with Fenton reagent oxidization for improved cells immobilization and xylitol fermentation. 2021 , 325, 111318	1
935	Red blood cells contain enzymatically active GPx4 whose abundance anticorrelates with hemolysis during blood bank storage. 2021 , 46, 102073	2
934	Diverse cytoprotective actions of vitamin E isoforms- role as peroxy radical scavengers and complementary functions with selenoproteins. 2021 , 175, 121-129	4
933	Theranostic nanobubbles towards smart nanomedicines. 2021 , 339, 164-194	5

932	Keratinocyte death by ferroptosis initiates skin inflammation after UVB exposure. 2021 , 47, 102143	5
931	The calcium-iron connection in ferroptosis-mediated neuronal death. 2021 , 175, 28-41	9
930	Blocking effect of ferritin on the ryanodine receptor-isoform 2. 2021 , 712, 109031	
929	HMOX1 upregulation promotes ferroptosis in diabetic atherosclerosis. 2021 , 284, 119935	11
928	Serum hepcidin / ferroportin levels in bipolar disorder and schizophrenia. 2021 , 68, 126843	1
927	Emerging insights on functions of the anthelmintic flubendazole as a repurposed anticancer agent. 2021 , 522, 57-62	0
926	MITOL/MARCH5 determines the susceptibility of cardiomyocytes to doxorubicin-induced ferroptosis by regulating GSH homeostasis. 2021 , 161, 116-129	3
925	KLF2 inhibits cancer cell migration and invasion by regulating ferroptosis through GPX4 in clear cell renal cell carcinoma. 2021 , 522, 1-13	6
924	Probiotic intervention mitigates the metabolic disturbances of perfluorobutanesulfonate along the gut-liver axis of zebrafish. 2021 , 284, 131374	2
923	Identifying the key genes and functional enrichment pathways associated with feed efficiency in cattle. 2022 , 807, 145934	2
922	Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. 2022 , 7, 47-72	33
921	Ferroptosis: copper-iron connection in cuprizone-induced demyelination. 2022 , 17, 89-90	1
920	Super-resolution image-based tracking of drug distribution in mitochondria of a label-free naturally derived drug molecules. 2022 , 429, 132134	5
919	Hypoxia protects H9c2 cells against Ferroptosis through SENP1-mediated protein DeSUMOylation. 2021 , 18, 1618-1627	6
918	Ferroptosis, free radicals, and cancer. 2021 , 149-158	1
917	Iron Homeostasis and Metabolism: Two Sides of a Coin. 2021 , 1301, 25-40	5
916	Iron-based nanoparticles for MR imaging-guided ferroptosis in combination with photodynamic therapy to enhance cancer treatment. 2021 , 13, 4855-4870	24
915	Multi-omics Analysis of Ferroptosis Regulation Patterns and Characterization of Tumor Microenvironment in Patients with Oral Squamous Cell Carcinoma. 2021 , 17, 3476-3492	4

914	Emerging Role of Ferroptosis in the Pathogenesis of Ischemic Stroke: A New Therapeutic Target?. 2021 , 13, 17590914211037505	8
913	Molecular subtypes based on ferroptosis-related genes and tumor microenvironment infiltration characterization in lung adenocarcinoma. 2021 , 10, 1959977	4
912	A novel ferroptosis-related gene signature for predicting outcomes in cervical cancer. 2021 , 12, 1813-1825	5
911	Identification of a small molecule as inducer of ferroptosis and apoptosis through ubiquitination of GPX4 in triple negative breast cancer cells. 2021 , 14, 19	40
910	Ferroptosis-related Genes for Overall Survival Prediction in Patients with Colorectal Cancer can be Inhibited by Gallic acid. 2021 , 17, 942-956	7
909	A new ferroptosis-related gene model for prognostic prediction of papillary thyroid carcinoma. 2021 , 12, 2341-2351	4
908	Regulated Cell Death. 2021 , 315-336	
907	Deficiency of the X-inactivation escaping gene in clear cell renal cell carcinoma promotes tumorigenicity by reprogramming glycogen metabolism and inhibiting ferroptosis. 2021 , 11, 8674-8691	7
906	Vitamin C deficient reduces proliferation in a human periventricular tumor stem cell-derived glioblastoma model. 2021 , 236, 5801-5817	2
905	Orthogonal targeting of osteoclasts and myeloma cells for radionuclide stimulated dynamic therapy induces multidimensional cell death pathways. 2021 , 11, 7735-7754	1
904	Engineering nanomedicine for glutathione depletion-augmented cancer therapy. 2021 , 50, 6013-6041	83
903	Programmed cell death in spinal cord injury pathogenesis and therapy. 2021 , 54, e12992	16
902	Pirin is a nuclear redox-sensitive modulator of autophagy-dependent ferroptosis. 2021 , 536, 100-106	11
901	Cellular degradation systems in ferroptosis. 2021 , 28, 1135-1148	70
900	Loss of COPZ1 induces NCOA4 mediated autophagy and ferroptosis in glioblastoma cell lines. 2021 , 40, 1425-1439	25
899	NUPR1 is a critical repressor of ferroptosis. 2021 , 12, 647	37
898	The pathways related to glutamine metabolism, glutamine inhibitors and their implication for improving the efficiency of chemotherapy in triple-negative breast cancer. 2021 , 787, 108366	8
897	Nanoparticles weaponized with built-in functions for imaging-guided cancer therapy. 2020 , 1, e19	17

896	Detection of Ferroptosis by BODIPY ^{FL} 81/591 C11. 2020 , 2108, 125-130	17
895	Contributions of 12/15-Lipoxygenase to Bleeding in the Brain Following Ischemic Stroke. 2019 , 1161, 125-131	6
894	Lipid Metabolism and Ferroptosis. 2019 , 1-26	2
893	Ferroptosis in Nervous System Diseases. 2019 , 173-195	1
892	Regulation of Ferroptosis Through the Cysteine-Glutathione Redox Axis. 2019 , 197-213	1
891	Ferroptosis in Liver Disease. 2019 , 239-248	1
890	Iron Metabolism and Ferroptosis. 2019 , 27-41	1
889	Regulation and Function of Autophagy During Ferroptosis. 2019 , 43-59	2
888	Heat Shock Proteins: Endogenous Modulators of Ferroptosis. 2019 , 61-81	2
887	ACSL4 as the First Reliable Biomarker of Ferroptosis Under Pathophysiological Conditions. 2019 , 111-123	1
886	Diagnostics and Treatments of Iron-Related CNS Diseases. 2019 , 1173, 179-194	5
885	Iron Pathophysiology in Alzheimer's Diseases. 2019 , 1173, 67-104	22
884	Versatile iron-vitamin K3 derivative-based nanoscale coordination polymer augments tumor ferroptotic therapy. 2021 , 14, 2398	3
883	Cystine transporter SLC7A11/xCT in cancer: ferroptosis, nutrient dependency, and cancer therapy. 2021 , 12, 599-620	171
882	SnapShot: Ferroptosis. <i>Cell</i> , 2020 , 181, 1188-1188.e1	56.2 51
881	Ferroptosis Suppressor Protein 1 (FSP1) and Coenzyme Q Cooperatively Suppress Ferroptosis. 2020 , 59, 637-638	15
880	Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and Near-Infrared Imaging. 2021 , 6, 22-26	27
879	A powerful cell-protection system prevents cell death by ferroptosis. 2019 , 575, 597-598	23

878	Amyloidogenic processing of Alzheimer's disease β -amyloid precursor protein induces cellular iron retention. 2020 , 25, 1958-1966	28
877	The deubiquitinase USP11 regulates cell proliferation and ferroptotic cell death via stabilization of NRF2 USP11 deubiquitinates and stabilizes NRF2. 2021 , 40, 1706-1720	10
876	Hereditary hemochromatosis promotes colitis and colon cancer and causes bacterial dysbiosis in mice. 2020 , 477, 3867-3883	8
875	Tanshinone IIA induces ferroptosis in gastric cancer cells through p53-mediated SLC7A11 down-regulation. 2020 , 40,	31
874	Cross-talk between redox signalling and protein aggregation. 2020 , 48, 379-397	11
873	Emerging aspects in the regulation of ferroptosis. 2020 , 48, 2253-2259	6
872	A novel four-gene of iron metabolism-related and methylated for prognosis prediction of hepatocellular carcinoma. 2021 , 12, 240-251	6
871	p53 deficiency triggers dysregulation of diverse cellular processes in physiological oxygen. 2020 , 219,	12
870	Inhibiting xCT/SLC7A11 induces ferroptosis of myofibroblastic hepatic stellate cells and protects against liver fibrosis.	4
869	Genome-wide CRISPRi/a screens in human neurons link lysosomal failure to ferroptosis.	8
868	Oxidized Lipids and CD36-Mediated Lipid Peroxidation in CD8 T Cells Suppress Anti-Tumor Immune Responses.	2
867	Maladaptive oxidative stress cascade drives type I interferon hyperactivity in TNF activated macrophages promoting necrosis in murine tuberculosis granulomas.	2
866	The alkyl side chain of PACA nanoparticles dictates the impact on cellular stress responses and the mode of particle-induced cell death.	1
865	Cell density-dependent ferroptosis in breast cancer is induced by accumulation of polyunsaturated fatty acid-enriched triacylglycerides.	7
864	Conjugated linolenic fatty acids trigger ferroptosis in triple-negative breast cancer.	4
863	Ferrous-glutathione coupling mediates ferroptosis and frailty in <i>Caenorhabditis elegans</i> .	2
862	Iron chelation by curcumin suppress both curcumin-induced autophagy and cell death together with iron overload neoplastic transformation.	1
861	Transcriptome Landscape Reveals Underlying Mechanisms of Ovarian Cell Fate Differentiation and Primordial Follicle Assembly.	2

860	Low dose Cold Atmospheric Plasma induces membrane oxidation, stimulates endocytosis and enhances uptake of nanomaterials in Glioblastoma multiforme cells.	1
859	A Compendium of Kinetic Cell Death Modulatory Profiles Identifies Ferroptosis Regulators.	3
858	Ferroptotic pores induce Ca ²⁺ fluxes and ESCRT-III activation to modulate cell death kinetics.	2
857	Vasodilator oxyfedrine inhibits aldehyde metabolism and thereby sensitizes cancer cells to xCT-targeted therapy. 2020 , 111, 127-136	14
856	Ferroptosis at the crossroads of infection, aging and cancer. 2020 , 111, 2665-2671	43
855	The Molecular Mechanisms of Regulating Oxidative Stress-Induced Ferroptosis and Therapeutic Strategy in Tumors. 2020 , 2020, 8810785	22
854	Mitochondria-dependent ferroptosis plays a pivotal role in doxorubicin cardiotoxicity. 2020 , 5,	103
853	Suppression of the SLC7A11/glutathione axis causes synthetic lethality in KRAS-mutant lung adenocarcinoma. 2020 , 130, 1752-1766	79
852	Myo-inositol oxygenase expression profile modulates pathogenic ferroptosis in the renal proximal tubule. 2019 , 129, 5033-5049	63
851	[Development and applications of Fe(II)-selective fluorescent probes]. 2019 , 154, 322-326	1
850	Ferroptosis in Low-Grade Glioma: A New Marker for Diagnosis and Prognosis. 2020 , 26, e921947	14
849	Bioinformatics Analysis and High-Throughput Sequencing to Identify Differentially Expressed Genes in Nebulin Gene (NEB) Mutations Mice. 2020 , 26, e922953	1
848	Mitochondrial Fusion and Fission in Neuronal Death Induced by Cerebral Ischemia-Reperfusion and Its Clinical Application: A Mini-Review. 2020 , 26, e928651	2
847	The hallmarks of COVID-19 disease. 2020 , 16, e1008536	200
846	Targeting NRF2 to suppress ferroptosis in brain injury. 2021 , 36, 383-397	3
845	Cell Type-Specific Oxidative Stress Genomic Signatures in the Globus Pallidus of Dopamine-Depleted Mice. 2020 , 40, 9772-9783	3
844	Dysfunctional oxidative phosphorylation shunts branched-chain amino acid catabolism onto lipogenesis in skeletal muscle. 2020 , 39, e103812	14
843	The impact of endothelial cell death in the brain and its role after stroke: A systematic review. 2019 , 3, 330-347	22

842	Induction of apoptosis and ferroptosis by a tumor suppressing magnetic field through ROS-mediated DNA damage. 2020 , 12, 3662-3681	21
841	miR-183-5p alleviates early injury after intracerebral hemorrhage by inhibiting heme oxygenase-1 expression. 2020 , 12, 12869-12895	9
840	Nrf2 inhibits ferroptosis and protects against acute lung injury due to intestinal ischemia reperfusion via regulating SLC7A11 and HO-1. 2020 , 12, 12943-12959	69
839	A new survival model based on ferroptosis-related genes for prognostic prediction in clear cell renal cell carcinoma. 2020 , 12, 14933-14948	45
838	p21 can be a barrier to ferroptosis independent of p53. 2020 , 12, 17800-17814	11
837	Synthetic lethality of the ALDH3A1 inhibitor dyclonine and xCT inhibitors in glutathione deficiency-resistant cancer cells. 2018 , 9, 33832-33843	37
836	Ferroptosis of epithelial ovarian cancer: genetic determinants and therapeutic potential. 2020 , 11, 3562-3570	10
835	The crosstalk between autophagy and ferroptosis: what can we learn to target drug resistance in cancer?. 2019 , 16, 630-646	44
834	Ferroptosis: A Novel Mechanism of Artemisinin and its Derivatives in Cancer Therapy. 2021 , 28, 329-345	31
833	New Insights into Oxidative Damage and Iron Associated Impairment in Traumatic Brain Injury. 2019 , 25, 4737-4746	1
832	Oxidative Stress and Alzheimer's Disease. 2020 , 38, 134-141	1
831	The pathological role of ferroptosis in ischemia/reperfusion-related injury. 2020 , 41, 220-230	46
830	Forgotten partners and function regulators of inducible metallothioneins. 2019 , 70, 256-264	6
829	Amino Acid Transporters Are a Vital Focal Point in the Control of mTORC1 Signaling and Cancer. 2020 , 22,	10
828	Prophylactic Role of Lactobacillus paracasei Exopolysaccharides on Colon Cancer Cells through Apoptosis Not Ferroptosis. 2020 , 27, 251-261	2
827	Induction of cancer cell-specific ferroptosis by non-thermal plasma exposure. 2020 , 59, 110501	1
826	Erastin/sorafenib induces cisplatin-resistant non-small cell lung cancer cell ferroptosis through inhibition of the Nrf2/xCT pathway. 2020 , 19, 323-333	42
825	Dihydrotanshinone I inhibits human glioma cell proliferation via the activation of ferroptosis. 2020 , 20, 122	9

824	The Predictive Value of Pre-therapeutic Serum Gamma-glutamyl transferase in Efficacy and Adverse Reactions to Neoadjuvant Chemotherapy among Breast Cancer Patients. 2020 , 23, 509-520	1
823	The Interaction between NKAP and HDAC3 Is Critical for T Cell Maturation. 2019 , 3, 352-367	2
822	Deferoxamine promotes recovery of traumatic spinal cord injury by inhibiting ferroptosis. 2019 , 14, 532-541	62
821	Glutathione de novo synthesis but not recycling process coordinates with glutamine catabolism to control redox homeostasis and directs murine T cell differentiation. 2018 , 7,	68
820	Tryparedoxin peroxidase-deficiency commits trypanosomes to ferroptosis-type cell death. 2018 , 7,	27
819	Increased mTOR activity and metabolic efficiency in mouse and human cells containing the African-centric tumor-predisposing p53 variant Pro47Ser. 2020 , 9,	5
818	Changes in ferrous iron and glutathione promote ferroptosis and frailty in aging. 2020 , 9,	28
817	SiO-induced ferroptosis in macrophages promotes the development of pulmonary fibrosis in silicosis models.. 2022 , 11, 42-51	1
816	A ferroptosis-related lncRNA signature predicts prognosis in ovarian cancer patients.. 2021 , 10, 4802-4816	1
815	Atractylodin may induce ferroptosis of human hepatocellular carcinoma cells. 2021 , 9, 1535	1
814	Targeting ferroptosis-based cancer therapy using nanomaterials: strategies and applications. 2021 , 11, 9937-9952	6
813	Ammonia triggers ferroptosis in macrophages of yellow catfish <i>Pelteobagrus fulvidraco</i> .	1
812	Simvastatin induced ferroptosis for triple-negative breast cancer therapy. 2021 , 19, 311	11
811	Metal-Polyphenol-Network Coated Prussian Blue Nanoparticles for Synergistic Ferroptosis and Apoptosis via Triggered GPX4 Inhibition and Concurrent In Situ Bleomycin Toxication. 2021 , 17, e2103919	5
810	Investigating the Role of Chromatin Remodeler FOXA1 in Ferroptotic Cell Death.	
809	Ferroptosis is essential for diabetic cardiomyopathy and is prevented by sulforaphane AMPK/NRF2 pathways.. 2022 , 12, 708-722	11
808	Development and Validation of a Ferroptosis-Related Gene Signature and Nomogram for Predicting the Prognosis of Esophageal Squamous Cell Carcinoma. 2021 , 12, 697524	1
807	Is Ferroptosis a Key Component of the Process Leading to Multiorgan Damage in COVID-19?. 2021 , 10,	11

806	MS4A15 drives ferroptosis resistance through calcium-restricted lipid remodeling. 2021,	3
805	Bioinformatics Identification of Ferroptosis-Related Biomarkers and Therapeutic Compounds in Ischemic Stroke. 2021, 12, 745240	3
804	Supraphysiologic Testosterone Induces Ferroptosis and Activates Immune Pathways through Nucleophagy in Prostate Cancer. 2021, 81, 5948-5962	3
803	Nanoparticles for Ferroptosis Therapy in Cancer. 2021, 13,	4
802	Systems Biology and Chemoinformatics-Based Strategies to Explore the Biological Mechanism of Fugui Wenyang Decoction in Treating Vascular Dementia Rats. 2021, 2021, 6693955	5
801	Ferroptosis and NRF2: an emerging battlefield in the neurodegeneration of Alzheimer's disease. 2021,	5
800	MiR-27a-3p Promotes Non-Small Cell Lung Cancer Through SLC7A11-Mediated-Ferroptosis. 2021, 11, 759346	7
799	Plasmalogens and Chronic Inflammatory Diseases. 2021, 12, 730829	12
798	Histochole Attenuates Myocardial Ischemia-Reperfusion Injury by Inhibiting Ferroptosis-Induced Cardiomyocyte Death. 2021, 10,	5
797	ASMTL-AS1 impedes the malignant progression of lung adenocarcinoma by regulating SAT1 to promote ferroptosis. 2021, 71, 741-751	3
796	CircGFRA1 facilitates the malignant progression of HER-2-positive breast cancer via acting as a sponge of miR-1228 and enhancing AIFM2 expression. 2021, 25, 10248-10256	3
795	Ferroptosis: Opportunities and Challenges in Myocardial Ischemia-Reperfusion Injury. 2021, 2021, 9929687	7
794	UAMC-3203 OR/and Deferoxamine Improve Post-Resuscitation Myocardial Dysfunction Through Suppressing Ferroptosis In A Rat Model of Cardiac Arrest. 2021, 57,	1
793	Iron as the concert master in the pathogenic orchestra playing in sporadic Parkinson's disease. 2021 , 128, 1577-1598	9
792	Recent progress and perspectives on the mechanisms underlying Asbestos toxicity. 2021, 43, 46	5
791	Hypoxia blocks ferroptosis of hepatocellular carcinoma via suppression of METTL14 triggered YTHDF2-dependent silencing of SLC7A11. 2021, 25, 10197-10212	7
790	Ferroptosis-Related Genes in Bronchoalveolar Lavage Fluid Serves as Prognostic Biomarkers for Idiopathic Pulmonary Fibrosis. 2021, 8, 693959	2
789	Prognostic implications of ferroptosis-associated gene signature in colon adenocarcinoma. 2021, 9, 8671-8693	1

788	Molecular Mechanisms of Ferroptosis and Its Roles in Hematologic Malignancies. 2021 , 11, 743006	4
787	Magnetic Nanoparticles Used in Oncology. 2021 , 14,	7
786	Emerging Roles of Energy Metabolism in Ferroptosis Regulation of Tumor Cells. 2021 , 8, e2100997	15
785	Targeted therapy for drug-tolerant persister cells after imatinib treatment for gastrointestinal stromal tumours. 2021 , 125, 1511-1522	3
784	Quercetin attenuates neurotoxicity induced by iron oxide nanoparticles. 2021 , 19, 327	6
783	1,25(OH)D Inhibited Ferroptosis in Zebrafish Liver Cells (ZFL) by Regulating Keap1-Nrf2-GPx4 and NF- κ B-hepcidin Axis. 2021 , 22,	5
782	Bavachin Induces Ferroptosis through the STAT3/P53/SLC7A11 Axis in Osteosarcoma Cells. 2021 , 2021, 1783485	9
781	Development and Validation of a Novel Ferroptosis-Related Gene Signature for Predicting Prognosis and the Immune Microenvironment in Gastric Cancer. 2021 , 2021, 6014202	1
780	Ferroptosis in liver disease: new insights into disease mechanisms. 2021 , 7, 276	15
779	Se improves GPX4 expression and SOD activity to alleviate heat-stress-induced ferroptosis-like death in goat mammary epithelial cells. 2021 , 25, 283-295	3
778	HBx facilitates ferroptosis in acute liver failure via EZH2 mediated SLC7A11 suppression. 2021 , 28, 67	6
777	Inhibition of the long non-coding RNA ZFAS1 attenuates ferroptosis by sponging miR-150-5p and activates CCND2 against diabetic cardiomyopathy. 2021 , 25, 9995-10007	7
776	Novel NMP split liver model recapitulates human IRI and demonstrates ferroptosis modulators as a new therapeutic strategy. 2021 , e14164	
775	High-fat diet aggravates colitis-associated carcinogenesis by evading ferroptosis in the ER stress-mediated pathway. 2021 , 177, 156-166	0
774	Development and validation of a ferroptosis-related prognostic model for the prediction of progression-free survival and immune microenvironment in patients with papillary thyroid carcinoma. 2021 , 101, 108156	1
773	Machine characterization of rat toxin responses identifies disease states, tolerance mechanisms and organ to whole-body communication.	
772	HIF-2 α drives an intrinsic vulnerability to ferroptosis in clear cell renal cell carcinoma.	1
771	Ferroptosis in Hemolytic Disorders. 2019 , 257-272	

- 770 Gpx4 and Ferroptosis. **2019**, 99-109 0
- 769 Ferroptosis in Cancer Therapy. **2019**, 303-324
- 768 Lipoxygenase in Ferroptosis. **2019**, 273-284
- 767 p53 and Ferroptosis. **2019**, 249-256
- 766 Ferroptosis in Cardiovascular Disease. **2019**, 147-172
- 765 A high-fat high-sugar diet in adolescent rats impairs social memory and alters chemical markers characteristic of atypical neuroplasticity and GABAergic neurodevelopment in the medial prefrontal cortex.
- 764 Ferroptosis is programmed by the coordinated regulation of glutathione and iron metabolism by BACH1. 1
- 763 Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue.
- 762 Dicer1 is reduced in APP^{swe}/PSEN1^{dE9} mice and is regulated by Nrf2.
- 761 Apoptosis Assays. 9,
- 760 Systematic analysis of aberrances of ferroptosis reveals its potential functional roles in cancer.
- 759 Dietary Induction and Modulation of Ferroptosis in *Caenorhabditis elegans*.
- 758 Heat stress induces ferroptosis in a photosynthetic prokaryote. 0
- 757 Induction of pancreatic tumor-selective ferroptosis through modulation of cystine import
- 756 Ferroptosis contributes to developmental cell death in rice blast.
- 755 SIRT3 deficiency is resistant to erastin-induced autophagy-dependent ferroptosis by inhibiting the AMPK/mTOR pathway and promoting glutathione peroxidase 4 levels.
- 754 mRNA expression of ferroptosis-related proteins in squamous cell carcinoma of tongue. 5, 73-81 1
- 753 EGCG modulates PKD1 and ferroptosis to promote recovery in ST rats. **2020**, 11, 173-181 4

752	A modular framework for the development of targeted Covid-19 blood transcript profiling panels.	
751	Exploiting KRAS-driven Ferroaddiction in Cancer Through Ferrous Iron-Activatable Drug Conjugates (FeADC).	0
750	Altered oligodendroglia and astroglia in chronic traumatic encephalopathy.	
749	Targeting Scavenger Receptor Type B1 In Cholesterol-Addicted Lymphomas Abolishes Glutathione Peroxidase 4 and Results in Ferroptosis.	
748	Mistimed HS upregulation, Nrf2 activation and antioxidant proteins levels in renal tubular epithelial cells subjected to anoxia and reoxygenation. 2020 , 13, 3	1
747	MAP Kinase OsMEK2 and OsMPK1 Signaling for Ferroptotic Cell Death in Rice-Magnaporthe oryzae Interactions.	
746	Distinct photooxidation-induced cell death pathways lead to selective killing of human breast cancer cells.	
745	Oxidoreductases generate hydrogen peroxide that drives iron-dependent lipid peroxidation during ferroptosis.	1
744	Menin-MLL inhibitors induce ferroptosis and enhance the anti-proliferative activity of auranofin in several types of cancer cells. 2020 , 57, 1057-1071	6
743	Lipid Peroxidation Assay Using BODIPY-Phenylbutadiene Probes: A Methodological Overview. 2021 , 2202, 199-214	2
742	Supraphysiological testosterone induces ferroptosis and activates NF-kappaB mediated immune pathways in prostate cancer through nucleophagy.	1
741	Targeting Ferroptosis: Pathological Mechanism and Treatment of Ischemia-Reperfusion Injury. 2021 , 2021, 1587922	5
740	A Dual PI3K/HDAC Inhibitor Induces Immunogenic Ferroptosis to Potentiate Cancer Immune Checkpoint Therapy. 2021 ,	7
739	AGE-Rich Bread Crust Extract Boosts Oxidative Stress Interception via Stimulation of the NRF2 Pathway. 2021 , 13,	1
738	Construction and Validation of a Novel Ferroptosis-Related lncRNA Signature to Predict Prognosis in Colorectal Cancer Patients. 2021 , 12, 709329	6
737	Pathogenic Variants in Selenoproteins and Selenocysteine Biosynthesis Machinery. 2021 , 22,	2
736	Identifying a Ferroptosis-Related Gene Signature for Predicting Biochemical Recurrence of Prostate Cancer. 2021 , 9, 666025	2
735	Microglia and macrophage exhibit attenuated inflammatory response and ferroptosis resistance after RSL3 stimulation via increasing Nrf2 expression. 2021 , 18, 249	11

734	Fin56-induced ferroptosis is supported by autophagy-mediated GPX4 degradation and functions synergistically with mTOR inhibition to kill bladder cancer cells. 2021 , 12, 1028	12
733	Nrf2 attenuates ferroptosis-mediated IIR-ALI by modulating TERT and SLC7A11. 2021 , 12, 1027	8
732	Inhibition of keratinocyte ferroptosis suppresses psoriatic inflammation. 2021 , 12, 1009	6
731	Astragaloside IV Inhibits Bleomycin-Induced Ferroptosis in Human Umbilical Vein Endothelial Cells by Mediating LPC. 2021 , 2021, 6241242	1
730	Ferroptosis-mediated Crosstalk in the Tumor Microenvironment Implicated in Cancer Progression and Therapy. 2021 , 9, 739392	2
729	IL1RAP Pulls a Double Shift in the Cysteine Factory. 2021 , 11, 2679-2681	0
728	Prognostic Value of a Ferroptosis-Related Gene Signature in Patients With Head and Neck Squamous Cell Carcinoma. 2021 , 9, 739011	0
727	Physiology and Pharmacology of the Cochlea. 2020 , 468-486	
726	GSTZ1 sensitizes hepatocellular carcinoma cells to sorafenib-induced ferroptosis via inhibition of NRF2/GPX4 axis.	0
725	Dual-responsive fluorescent probe for imaging NAD(P)H and mitochondrial viscosity and its application in cancer cell ferroptosis. 2022 , 350, 130862	6
724	Cell death: machinery and regulation. 2022 , 47-64	0
723	Nrf2 activation mediates the protection of mouse Sertoli Cells damage under acute heat stress conditions. 2022 , 177, 183-194	0
722	Molecular mechanisms of cell death. 2022 , 65-92	
721	Ferroptosis. 2022 , 261-277	
720	Leveraging tumor cell ferroptosis for colorectal cancer treatment via nanoelicitor-activated tumoricidal immunity. 2022 , 430, 132983	1
719	Preface: Life through death-Key role of cellular suicide for colonial and organismal homeostasis. 2020 , 351, xi-xv	
718	Exploiting KRAS-Driven Ferroaddiction in Cancer Through Ferrous Iron-Activatable Drug Conjugates (FeADC).	
717	Solid Organ Injury. 2020 , 337-430	

716	Parkinsonian Toxins: From MPTP to Endogenous Neurotoxins. 2020 , 1-20	
715	Cerebro-Cardiovascular Diseases. 2020 , 535-623	
714	Branched chain amino acid aminotransferase 2 Regulates Ferroptotic Cell Death in Cancer Cells.	
713	Increased mTOR activity and metabolic efficiency in mouse and human cells containing the African-centric tumor-predisposing p53 variant Pro47Ser.	
712	GOT1 Inhibition Primes Pancreatic Cancer for Ferroptosis through the Autophagic Release of Labile Iron.	2
711	Systematic identification of a nuclear receptor-enriched predictive signature for erastin-induced ferroptosis.	
710	Ferroptosis Characterization in Lung Adenocarcinomas Reveals Prognostic Signature With Immunotherapeutic Implication. 2021 , 9, 743724	
709	Ferroptosis, novel therapeutics in asthma. 2022 , 153, 113516	0
708	Hinokitiol functions as a ferroptosis inhibitor to confer neuroprotection. 2022 , 190, 202-215	1
707	Pros and cons of NRF2 activation as adjunctive therapy in rheumatoid arthritis. 2022 , 190, 179-201	0
706	Quercetin protects rat BMSCs from oxidative stress via ferroptosis. 2022 , 69, 401-413	0
705	Pt3R5G inhibits colon cancer cell proliferation through inducing ferroptosis by down-regulating SLC7A11. 2022 , 306, 120859	1
704	Induction of ferroptosis in head and neck cancer: A novel bridgehead for fighting cancer resilience. 2022 , 546, 215854	0
703	Blocking glutathione regeneration: Inorganic NADPH oxidase nanozyme catalyst potentiates tumoral ferroptosis. 2022 , 46, 101574	3
702	Focus on ferroptosis regulation: Exploring novel mechanisms and applications of ferroptosis regulator. 2022 , 307, 120868	2
701	circAFF1 enhances intracerebral hemorrhage induced neuronal ferroptosis by targeting miR-140b to regulate GSK-3 β -mediated Wnt/ β -catenin signal pathway. 2022 , 189, 11-21	0
700	Decreased brain noradrenaline in minimal hepatic encephalopathy is associated with cognitive impairment in rats. 2022 , 1793, 148041	0
699	Dexmedetomidine attenuates myocardial ischemia/reperfusion-induced ferroptosis via AMPK/GSK-3 β /Nrf2 axis. 2022 , 154, 113572	4

698	Puzzling out iron complications in cancer drug resistance. 2022 , 178, 103772	0
697	TLR2 agonist promotes myeloid-derived suppressor cell polarization via Runx1 in hepatocellular carcinoma. 2022 , 111, 109168	0
696	Melatonin: Potential avenue for treating iron overload disorders. 2022 , 81, 101717	1
695	Chlorogenic acid alleviates hypoxic-ischemic brain injury in neonatal mice. 2023 , 18, 568	0
694	Nanoformulations mediated metastasis brake in cancer therapy via photodynamic-enhanced ferroptosis and regional inflammation management. 2023 , 451, 138585	
693	TUG1/MAZ/FTH1 Axis Attenuates the Antiglioma Effect of Dihydroartemisinin by Inhibiting Ferroptosis. 2022 , 2022, 1-28	0
692	Research progress of ferroptosis in glaucoma and optic nerve damage.	0
691	Molecular mechanism of ferroptosis and its role in the occurrence and treatment of diabetes. 13,	0
690	Iron in Alzheimer's Disease: From Physiology to Disease Disabilities. 2022 , 12, 1248	2
689	Ferroptosis regulators related scoring system by Gaussian finite mixture model to predict prognosis and immunotherapy efficacy in nasopharyngeal carcinoma. 13,	0
688	Pyroptosis and Its Role in the Modulation of Cancer Progression and Antitumor Immunity. 2022 , 23, 10494	0
687	Hyaluronic acid extracellularly inhibits ferroptosis via cell-surface receptors in acute traumatic brain injury. 2022 , 46, 101625	1
686	Intravital microscopy for real-time monitoring of drug delivery and nanobiological processes. 2022 , 189, 114528	0
685	Astaxanthin attenuates osteoarthritis progression via inhibiting ferroptosis and regulating mitochondrial function in chondrocytes. 2022 , 366, 110148	0
684	The mechanism of ferroptosis regulating oxidative stress in ischemic stroke and the regulation mechanism of natural pharmacological active components. 2022 , 154, 113611	3
683	Flow cytometric determination of ferroptosis using a rat monoclonal antibody raised against ferroptotic cells. 2022 , 510, 113358	0
682	Protective effects of Salvianolic acid B on rat ferroptosis in myocardial infarction through upregulating the Nrf2 signaling pathway. 2022 , 112, 109257	0
681	Lithocholic acid inhibits gallbladder cancer proliferation through interfering glutaminase-mediated glutamine metabolism. 2022 , 205, 115253	0

680	Ferroptosis interaction with inflammatory microenvironments: Mechanism, biology, and treatment. 2022 , 155, 113711	0
679	Ferrous sulfate efficiently kills <i>Vibrio parahaemolyticus</i> and protects salmon sashimi from its contamination. 2022 , 382, 109929	0
678	IRF2-ferroptosis related gene is associated with prognosis and EMT in gliomas. 2022 , 26, 101544	0
677	Vitamin D3 attenuates cisplatin-induced intestinal injury by inhibiting ferroptosis, oxidative stress, and ROS-mediated excessive mitochondrial fission. 2022 , 13, 10210-10224	0
676	Iron Vulnerability of Cancer Stem Cells. 2022 , 2509-2537	0
675	Advances in the Biological Functions and Mechanisms of miRNAs in the Development of Osteosarcoma. 2022 , 21, 153303382211173	0
674	Recent advances in small-molecule fluorescent probes for studying ferroptosis. 2022 , 51, 7752-7778	3
673	Ferroptosis in Intracerebral Hemorrhage: A Panoramic Perspective of the Metabolism, Mechanism and Theranostics. 2022 , 13, 1348	0
672	Iron as spirit of life to share under monopoly. 2022 , 71, 78-88	1
671	Revealing a novel contributing landscape of ferroptosis-related genes in Parkinson's disease. 2022 , 20, 5218-5225	0
670	A ferroptosis-associated lncRNAs signature predicts the prognosis of hepatocellular carcinoma. 2022 , 101, e29546	0
669	Ferroptosis-Related Long Noncoding RNAs Have Excellent Predictive Ability for Multiomic Characteristics of Bladder Cancer. 2022 , 2022, 1-30	0
668	Independent Association of Thyroid Dysfunction and Inflammation Predicts Adverse Events in Patients with Heart Failure via Promoting Cell Death. 2022 , 9, 290	0
667	Identification and verification of ferroptosis-related genes in the synovial tissue of osteoarthritis using bioinformatics analysis. 9,	0
666	Vascular Contributions to Cognitive Impairment/Dementia (VCID) in Diabetes: Role of Endothelial Cells and Pericytes.	0
665	Regulation of plasmalogen metabolism and traffic in mammals: The fog begins to lift. 10,	3
664	An integrative analysis to reveal that CLEC2B and ferroptosis may bridge the gap between psoriatic arthritis and cancer development. 2022 , 12,	0
663	Corosolic acid sensitizes ferroptosis by upregulating HERPUD1 in liver cancer cells. 2022 , 8,	0

662	Protective roles of cytoplasmic p21 Cip1 /Waf1 in senolysis and ferroptosis of lung cancer cells.	1
661	PGE 2 pathway mediates oxidative stress-induced ferroptosis in renal tubular epithelial cells.	0
660	Role of Reactive Oxygen Species in Aging and Age-Related Diseases: A Review.	0
659	Insight into the interplay between mitochondria-regulated cell death and energetic metabolism in osteosarcoma. 10,	0
658	Hypertoxic self-assembled peptide with dual functions of glutathione depletion and biosynthesis inhibition for selective tumor ferroptosis and pyroptosis. 2022 , 20,	0
657	Mitochondrial outer membrane protein FUNDC2 promotes ferroptosis and contributes to doxorubicin-induced cardiomyopathy. 2022 , 119,	1
656	A Prognostic Ferroptosis-Related lncRNA Model Associated With Immune Infiltration in Colon Cancer. 13,	0
655	Melatonin Alleviates Acute Kidney Injury by Inhibiting NRF2/Slc7a11 Axis-Mediated Ferroptosis. 2022 , 2022, 1-24	1
654	A High-Throughput Search for SFXN1 Physical Partners Led to the Identification of ATAD3, HSD10 and TIM50. 2022 , 11, 1298	0
653	FTH1- and SAT1-Induced Astrocytic Ferroptosis Is Involved in Alzheimer's Disease: Evidence from Single-Cell Transcriptomic Analysis. 2022 , 15, 1177	2
652	Hydropersulfides inhibit lipid peroxidation and ferroptosis by scavenging radicals.	6
651	GPX4 Alleviates Diabetes Mellitus-Induced Erectile Dysfunction by Inhibiting Ferroptosis. 2022 , 11, 1896	0
650	Mitochondrion-Mediated Cell Death through Erk1-Alox5 Independent of Caspase-9 Signaling. 2022 , 11, 3053	0
649	Oxidative stress-mediated beta cell death and dysfunction as a target for diabetes management. 13,	0
648	Ferroptosis: A mixed blessing for infectious diseases. 13,	0
647	Leveraging diverse cell-death patterns to predict the prognosis and drug sensitivity of triple-negative breast cancer patients after surgery. 2022 , 106936	2
646	GBM tumors are heterogeneous in their fatty acid metabolism and modulating fatty acid metabolism sensitizes cancer cells derived from recurring GBM tumors to temozolomide. 12,	0
645	Revealing the novel ferroptosis-related therapeutic targets for diabetic foot ulcer based on the machine learning. 13,	0

644	The Fabrication of Docetaxel-Containing Emulsion for Drug Release Kinetics and Lipid Peroxidation. 2022 , 14, 1993	1
643	Perspective Chapter: Traditional, Innovative and Eco-Friendly Methods for Postharvest Storage of Fruits.	0
642	The Emerging Role of Noncoding RNA Regulation of the Ferroptosis in Cardiovascular Diseases. 2022 , 2022, 1-10	0
641	Alpha-Lipoic Acid Attenuates Apoptosis and Ferroptosis in Cisplatin-Induced Ototoxicity via the Reduction of Intracellular Lipid Droplets. 2022 , 23, 10981	0
640	Ferroptosis: A novel therapeutic strategy and mechanism of action in glioma. 12,	0
639	CAV1 alleviated CaOx stones formation via suppressing autophagy-dependent ferroptosis. 10, e14033	0
638	Ferroptosis: The Potential Target in Heart Failure with Preserved Ejection Fraction. 2022 , 11, 2842	1
637	Analysis and Validation of Differentially Expressed Ferroptosis-Related Genes in Regorafenib-Induced Cardiotoxicity. 2022 , 2022, 1-20	0
636	Molecular Mechanism of Ferroptosis in Orthopedic Diseases. 2022 , 11, 2979	1
635	A Novel Ferroptosis-Related Signature for Prediction of Prognosis, Immune Profiles and Drug Sensitivity in Hepatocellular Carcinoma Patients. 2022 , 29, 6992-7011	0
634	Integrative Analysis of Enrichment and Prognostic Value of Ferroptosis-related Genes and Pathways in Multiple Myeloma.	0
633	Gingerenone A Alleviates Ferroptosis in Secondary Liver Injury in Colitis Mice via Activating Nrf2/px4 Signaling Pathway. 2022 , 70, 12525-12534	0
632	A benzothiazole-based fluorescence probe for imaging of peroxynitrite during ferroptosis and diagnosis of tumor tissues.	0
631	Molecular Mechanisms of Ferroptosis and Relevance to Cardiovascular Disease. 2022 , 11, 2726	5
630	Emerging roles of ferroptosis in cardiovascular diseases. 2022 , 8,	2
629	Role of Iron-Related Oxidative Stress and Mitochondrial Dysfunction in Cardiovascular Diseases. 2022 , 2022, 1-12	1
628	Immune-related RNA signature predicts outcome of PD-1 inhibitor-combined GEMCIS therapy in advanced intrahepatic cholangiocarcinoma. 13,	0
627	Construction and Validation of a CNV-Driven Ferroptosis-Related Gene Signature for Predicting the Prognosis of Lung Adenocarcinoma. 2022 , 2022, 1-15	0

626	Ferroptosis is involved in corpus cavernosum smooth muscle cells impairment in diabetes mellitus-induced erectile dysfunction.	3
625	Orthogonality in Principal Component Analysis Allows the Discovery of Lipids in the Jejunum That Are Independent of Ad Libitum Feeding. 2022 , 12, 866	0
624	A smart nanoplatform for enhanced photo-ferrotherapy of hepatocellular carcinoma. 10,	0
623	Pretreatment with rosavin attenuates PM2.5-induced lung injury in rats through antiferroptosis via PI3K/Akt/Nrf2 signaling pathway.	0
622	Construction of a ferroptosis-related five-lncRNA signature for predicting prognosis and immune response in thyroid carcinoma. 2022 , 22,	0
621	Iron and the Pathophysiology of Diabetes. 2023 , 85,	1
620	Mito-Bomb β a novel mitochondria-targeting nanosystem for ferroptosis-boosted sonodynamic antitumor therapy. 2022 , 29, 3111-3122	0
619	Prenatal transcript levels and metabolomics analyses reveal metabolic changes associated with intrauterine growth restriction and sex. 2022 , 12,	1
618	Diet fuelling inflammatory bowel diseases: preclinical and clinical concepts. gutjnl-2021-326575	3
617	Exploration and validation of a novel ferroptosis-related gene signature predicting the prognosis of intrahepatic cholangiocarcinoma. 2022 ,	0
616	A stratification system of ferroptosis and iron-metabolism related LncRNAs guides the prediction of the survival of patients with esophageal squamous cell carcinoma. 12,	0
615	HMGCL-induced β -Hydroxybutyrate Production Attenuates Hepatocellular Carcinoma via DPP4-mediated Ferroptosis Susceptibility.	0
614	Ginsenoside Rb1 ameliorates renal tubular epithelial cells ferroptosis in AKI.	0
613	A ferroptosis associated gene signature for predicting prognosis and immune responses in patients with colorectal carcinoma. 13,	0
612	The critical role of ferritinophagy in human disease. 13,	2
611	Ferroptosis: A potential opportunity for intervention of pre-metastatic niche. 12,	0
610	Plasma Exosomal AKR1C3 mRNA Expression Is a Predictive and Prognostic Biomarker in Patients with Metastatic Castration-Resistant Prostate Cancer.	1
609	Potential biomarkers for predicting the overall survival outcome of kidney renal papillary cell carcinoma: an analysis of ferroptosis-related LNCRNAs. 2022 , 22,	1

608	Activity-Based Photosensitizer to Reverse Hypoxia and Oxidative Resistance for Tumor Photodynamic Eradication. 2206659	1
607	Danshensu attenuated lipopolysaccharide-induced LX -2 and T6 cells activation through regulation of ferroptosis.	0
606	ATF3 promotes ferroptosis in sorafenib-induced cardiotoxicity by suppressing Slc7a11 expression. 13,	0
605	Icariin protects vertebral endplate chondrocytes against apoptosis and degeneration via activating Nrf-2/HO-1 pathway. 13,	2
604	Novel insight into ferroptosis-related genes, molecular subtypes, and immune characteristics in intracranial aneurysms.	1
603	AADAC protects colorectal cancer liver colonization from ferroptosis through SLC7A11-dependent inhibition of lipid peroxidation. 2022, 41,	0
602	Human umbilical cord mesenchymal stem cells ameliorate erectile dysfunction in rats with diabetes mellitus through the attenuation of ferroptosis. 2022, 13,	2
601	The NIN-Like Protein OsNLP2 Negatively Regulates Ferroptotic Cell Death and Immune Responses to Magnaporthe oryzae in Rice. 2022, 11, 1795	0
600	Repression of the antiporter SLC7A11/glutathione/glutathione peroxidase 4 axis drives ferroptosis of vascular smooth muscle cells to facilitate vascular calcification. 2022,	2
599	HMGB1 is a mediator of cuproptosis-related sterile inflammation. 10,	2
598	Microenvironment immune response induced by tumor ferroptosis: The application of nanomedicine. 12,	0
597	Ferroptosis-related gene ATG5 is a novel prognostic biomarker in nasopharyngeal carcinoma and head and neck squamous cell carcinoma. 10,	0
596	Mechanisms and inhibitors of ferroptosis in psoriasis. 9,	0
595	Naturally derived indole alkaloids targeting regulated cell death (RCD) for cancer therapy: from molecular mechanisms to potential therapeutic targets. 2022, 15,	4
594	Regulation of Ferroptosis by non-coding RNAs: Mechanistic insights. JPET-MR-2022-001225	1
593	Drug library screening identifies histone deacetylase inhibition as a novel therapeutic strategy for choriocarcinoma.	0
592	Gasdermin D-deficient mice are hypersensitive to acute kidney injury. 2022, 13,	1
591	Recent advances in research of modes of hepatocyte death in anti-tuberculosis drug-induced liver injury. 2022, 30, 817-822	0

- 590 Rational Design of Novel Lipophilic Aggregation-Induced Emission Probes for Revealing the Dynamics of Lipid Droplets during Lipophagy and Ferroptosis. **2022**, 94, 13432-13439 1
- 589 Identification and validation of ferroptosis-related lncRNA signature as a prognostic model for skin cutaneous melanoma. 13, 0
- 588 Senegenin Rescues PC12 Cells with Oxidative Damage Through Inhibition of Ferroptosis. **2022**, 59, 6983-6992 0
- 587 A novel signature of combining cuproptosis- with ferroptosis-related genes for prediction of prognosis, immunologic therapy responses and drug sensitivity in hepatocellular carcinoma. 12, 0
- 586 Ferroptosis is involved in regulating perioperative neurocognitive disorders: emerging perspectives. **2022**, 19, 0
- 585 Different modalities of host cell death and their impact on Mycobacterium tuberculosis infection. 1
- 584 Multi-omics insights into potential mechanism of SGLT2 inhibitors cardiovascular benefit in diabetic cardiomyopathy. 9, 0
- 583 Advancement in understanding the role of ferroptosis in rheumatoid arthritis. 13, 1
- 582 Fatty acid metabolism reprogramming in ccRCC: mechanisms and potential targets. 2
- 581 Natural killer cell-related prognosis signature characterizes immune landscape and predicts prognosis of HNSCC. 13, 0
- 580 Ferroptosis contributes to hypoxic-ischemic brain injury in neonatal rats: Role of the SIRT1 /Nrf2/ GPx4 signaling pathway. 3
- 579 The pathogenesis of organ fibrosis: Focus on necroptosis. 0
- 578 Blood transcriptome analysis: Ferroptosis and potential inflammatory pathways in post-traumatic stress disorder. 13, 0
- 577 Liquid-Liquid Phase Separation Promotes Protein Aggregation and Its Implications in Ferroptosis in Parkinson Disease Dementia. **2022**, 2022, 1-13 1
- 576 Energy-Stress-Mediated AMPK Activation Promotes GPX4-Dependent Ferroptosis through the JAK2/STAT3/P53 Axis in Renal Cancer. **2022**, 2022, 1-17 0
- 575 BNC1 deficiency-triggered ferroptosis through the NF2-YAP pathway induces primary ovarian insufficiency. **2022**, 13, 0
- 574 Relationships of Ferroptosis and Pyroptosis-Related Genes with Clinical Prognosis and Tumor Immune Microenvironment in Head and Neck Squamous Cell Carcinoma. **2022**, 2022, 1-47 0
- 573 18 β -glycyrrhetic acid protects neuronal cells from ferroptosis through inhibiting labile iron accumulation and preventing coenzyme Q10 reduction. **2022**, 0

572	Galangin inhibited ferroptosis through activation of the PI3K / AKT pathway in vitro and in vivo. 2022 , 36,	0
571	Rational design of a symmetric double rotor-based fluorescent probe for revealing LDs viscosity changes during ferroptosis. 2022 , 207, 110779	0
570	An endoplasmic reticulum-targeting fluorescent probe for the visualization of the viscosity fluctuations during ferroptosis in live cells. 2022 , 1232, 340454	0
569	Polybrominated diphenyl ethers as hitchhikers on microplastics: Sorption behaviors and combined toxicities to <i>Epinephelus moara</i> . 2022 , 252, 106317	0
568	Upstream stimulatory factor 2 inhibits erastin-induced ferroptosis in pancreatic cancer through transcriptional regulation of pyruvate kinase M2. 2022 , 205, 115255	0
567	Micro Ribonucleic Acid 27a Aggravates Ferroptosis During Early Ischemic Stroke of Rats Through Nuclear Factor Erythroid-2-Related Factor 2. 2022 , 504, 10-20	0
566	Transcriptome and targeted metabolome analysis provide insights into bile acids' new roles and mechanisms on fat deposition and meat quality in lamb. 2022 , 162, 111941	0
565	Inhibition of autophagy rescues HT22 hippocampal neurons from erastin-induced ferroptosis. 2022 , 0	0
564	New Target for Prevention and Treatment of Neuroinflammation: Microglia Iron Accumulation and Ferroptosis. 2022 , 14, 175909142211332	0
563	Iron in Cancer Progression: Does BACH1 Promote Metastasis by Altering Iron Homeostasis?. 2022 , 67-80	0
562	Application of regulation of reactive oxygen species and lipid peroxidation to disease treatment. 2022 ,	1
561	A Lysosome-Targeted Far-Red to Near-Infrared Fluorescent Probe for Monitoring Viscosity Change During the Ferroptosis Process. 2022 , 42, 2850	0
560	Mathematical Models of Death Signaling Networks. 2022 , 24, 1402	0
559	Ferritinophagy, a form of autophagic ferroptosis: New insights into cancer treatment. 13,	0
558	HSPB1 facilitates chemoresistance through inhibiting ferroptotic cancer cell death and regulating NF- κ B signaling pathway in breast cancer.	0
557	Overcoming Hypoxia-Induced Ferroptosis Resistance via a 19 F/ 1 H-MRI Traceable Core-Shell Nanostructure.	3
556	Per1/Per2 Knockout Affects Spleen Immune Function in Elderly Mice via Inducing Spleen Lymphocyte Ferroptosis. 2022 , 23, 12962	0
555	A noncanonical function of EIF4E limits ALDH1B1 activity and increases susceptibility to ferroptosis. 2022 , 13,	3

554	A xCT role in tumour-associated ferroptosis shed light on novel therapeutic options. 570-581	0
553	SIRT6 Prevents Glucocorticoid-Induced Osteonecrosis of the Femoral Head in Rats. 2022 , 2022, 1-11	0
552	AGuIX nanoparticles enhance ionizing radiation-induced ferroptosis on tumor cells by targeting the NRF2-GPX4 signaling pathway. 2022 , 20,	1
551	Bromodomain-containing protein 4 (BRD4) as an epigenetic regulator of fatty acid metabolism genes and ferroptosis. 2022 , 13,	0
550	Identification of SLC3A2 as a Potential Therapeutic Target of Osteoarthritis Involved in Ferroptosis by Integrating Bioinformatics, Clinical Factors and Experiments. 2022 , 11, 3430	1
549	GPX4-independent ferroptosis—new strategy in disease—therapy. 2022 , 8,	0
548	Self-Amplifying Iridium(III) Photosensitizer for Ferroptosis-Mediated Immunotherapy Against Transferrin Receptor-Overexpressing Cancer. 2203659	1
547	The emerging role of circular RNAs in drug resistance of non-small cell lung cancer. 12,	0
546	Ferroptosis induced by the biocontrol agent <i>Pythium oligandrum</i> enhances soybean resistance to <i>Phytophthora sojae</i> .	0
545	ACSM1 and ACSM3 regulate prostate cancer fatty acid metabolism to promote tumour growth and constrain ferroptosis.	0
544	Shikonin induces ferroptosis in multiple myeloma via GOT1-mediated ferritinophagy. 12,	0
543	Ferroptosis of Endothelial Cells in Vascular Diseases. 2022 , 14, 4506	1
542	Insight into the potential role of ferroptosis in neurodegenerative diseases. 16,	1
541	Iron metabolism, ferroptosis, and lncRNA in cancer: knowns and unknowns. 2022 , 23, 844-862	0
540	The effect of narcotics on ferroptosis-related molecular mechanisms and signalling pathways. 13,	0
539	Integrated assessment of the clinical and biological value of ferroptosis-related genes in multiple myeloma. 2022 , 22,	0
538	The role of microRNAs in ferroptosis. 9,	1
537	Role of Oxidative Stress in Liver Disorders. 2022 , 2, 283-314	4

536	Single-cell RNA sequencing reveals a landscape and targeted treatment of ferroptosis in retinal ischemia/reperfusion injury. 2022 , 19,	1
535	Ferroptosis: A New Development Trend in Periodontitis. 2022 , 11, 3349	0
534	Age-related changes in adipose tissue metabolomics and inflammation, cardiolipin metabolism, and ferroptosis markers in an aged rat model.	0
533	Single-cell mechanistic studies of radiation-mediated bystander effects. 13,	0
532	Extracellular vesicles, a novel model linking bacteria to ferroptosis in the future?.	0
531	Ferroptosis and musculoskeletal diseases: Iron Maiden cell death may be a promising therapeutic target. 13,	1
530	SLC6A14 facilitates epithelial cell ferroptosis via the C/EBPβ/PAK6 axis in ulcerative colitis. 2022 , 79,	0
529	Advancing immune checkpoint blockade in colorectal cancer therapy with nanotechnology. 13,	0
528	Recent Advances in Understanding of Pathogenesis of Alcohol-Associated Liver Disease. 2023 , 18,	1
527	Research trends in ferroptosis since the origin of the concept: A bibliometric analysis.	0
526	C-CdTe Quantum Dots as Dual-Wavelength Fluorescence and Colorimetric Probes to Detect Hydrogen Peroxide, Hydroxyl Radicals, and Iron(II) in Serum. 2022 , 5, 15875-15884	0
525	Ferroptosis: Shedding Light on Mechanisms and Therapeutic Opportunities in Liver Diseases. 2022 , 11, 3301	3
524	Liver Iron Loading in Alcohol-Associated Liver Disease. 2022 ,	0
523	Rice iron storage protein ferritin 2 (OsFER2) positively regulates ferroptotic cell death and defense responses against Magnaporthe oryzae. 13,	1
522	The endosomal sorting complex required for transport repairs the membrane to delay cell death. 12,	0
521	DLX2 Is a Potential Immune-Related Prognostic Indicator Associated with Remodeling of Tumor Microenvironment in Lung Squamous Cell Carcinoma: An Integrated Bioinformatical Analysis. 2022 , 2022, 1-12	0
520	A novel melanoma prognostic model based on the ferroptosis-related long non-coding RNA. 12,	0
519	A novel 10-gene ferroptosis-related prognostic signature in acute myeloid leukemia. 12,	1

518	Identification of RPS7 as the Biomarker of Ferroptosis in Acute Kidney Injury. 2022 , 2022, 1-14	0
517	Simvastatin Inhibits Endometrial Cancer Malignant Behaviors by Suppressing RAS/Mitogen-Activated Protein Kinase (MAPK) Pathway-Mediated Reactive Oxygen Species (ROS) and Ferroptosis. 2022 , 2022, 1-11	0
516	The role of regulatory necrosis in traumatic brain injury. 15,	0
515	POU Domain Class 2 Transcription Factor 2 Inhibits Ferroptosis in Cerebral Ischemia Reperfusion Injury by Activating Sestrin2.	0
514	Overcoming Hypoxia-Induced Ferroptosis Resistance via a 19 F/ 1 H-MRI Traceable Core-Shell Nanostructure.	0
513	Class IIa HDACs reprogram mitochondrial metabolism to inhibit apoptosis and ferroptosis in response to lipotoxicity.	0
512	The research landscape of ferroptosis in the brain: A bibliometric analysis. 13,	0
511	Protective effect of traditional Chinese medicine on non-alcoholic fatty liver disease and liver cancer by targeting ferroptosis. 9,	0
510	Role of AMPK in Myocardial Ischemia-Reperfusion Injury-Induced Cell Death in the Presence and Absence of Diabetes. 2022 , 2022, 1-18	1
509	From iron chelation to overload as a therapeutic strategy to induce ferroptosis in hematologic malignancies. 2022 , 27, 1163-1170	0
508	Mono- and diunsaturated fatty acids sensitize cervical cancer to radiation therapy.	1
507	Ferroptosis-Related Gene GCLC Is a Novel Prognostic Molecular and Correlates with Immune Infiltrates in Lung Adenocarcinoma. 2022 , 11, 3371	0
506	Emerging target discovery and drug repurposing opportunities in chordoma. 12,	1
505	Upregulation of CHAC1 promotes bladder inflammation and predicts adverse prognosis in Bladder Urothelial Carcinoma.	0
504	In Vivo 7-Tesla MRI Investigation of Brain Iron and Its Metabolic Correlates in Chronic Schizophrenia. 2022 , 8,	0
503	Correlation between Ferroptosis-Related Gene Signature and Immune Landscape, Prognosis in Breast Cancer. 2022 , 2022, 1-19	0
502	A Tumor-Specific Platform of Peroxynitrite Triggering Ferroptosis of Cancer Cells. 2208105	1
501	Downregulation of MCF2L Promoted the Ferroptosis of Hepatocellular Carcinoma Cells through PI3K/mTOR Pathway in a RhoA/Rac1 Dependent Manner. 2022 , 2022, 1-13	0

500	Ferroptosis in hepatocellular carcinoma: mechanisms and targeted therapy.	2
499	PGK1 is involved in the HIF-1 signaling pathway as a hub gene for ferroptosis after traumatic brain injury.	0
498	Generation of Rat Monoclonal Antibody for Mouse Nucleolin by Immunization of Ferroptosis-Induced Hepa 1-6 Cells. 2022 , 41, 255-259	0
497	Copper Depletion Strongly Enhances Ferroptosis via Mitochondrial Perturbation and Reduction in Antioxidative Mechanisms. 2022 , 11, 2084	3
496	PLTP is a p53 target gene with roles in cancer growth suppression and ferroptosis. 2022 , 102637	0
495	Identification of ADP-ribosylation factor 6 as the cellular target of withangulatin A against TNBC cells by ferroptosis.	0
494	The Ferroptosis Inhibitor Liproxstatin-1 Ameliorates LPS-Induced Cognitive Impairment in Mice. 2022 , 14, 4599	0
493	Redox signaling and metabolism in Alzheimer's disease. 14,	0
492	Iron-dependent ferroptosis participated in benzene-induced anemia of inflammation through IRP1-DHODH-ALOX12 axis. 2022 , 193, 122-133	0
491	Anti-Ferroptotic Effects of bone Marrow Mesenchymal Stem Cell-Derived Extracellular Vesicles Loaded with Ferrostatin-1 in Cerebral ischemia-reperfusion Injury Associate with the GPX4/COX-2 Axis.	0
490	Integrated analysis of transcriptomics, proteomics and metabolomics data reveals the role of SLC39A1 in renal cell carcinoma. 10,	0
489	Ferroptosis in tumor immunity and therapy.	0
488	Guanidine-based Amyloid precursor protein cleavage enzyme 1 (BACE-1) inhibitors for the Alzheimer's disease (AD): A review. 2022 , 74, 117047	1
487	Mitochondrial topoisomerase 1 inhibition induces topological DNA damage and T cell dysfunction in patients with chronic viral infection. 12,	0
486	LRRK2 protects immune cells against erastin-induced Ferroptosis. 2022 , 105917	2
485	Expression pattern and diagnostic value of ferroptosis-related genes in acute myocardial infarction. 9,	0
484	Integrated analysis of ferroptosis-related gene signature for overall survival prediction in Asian patients with hepatocellular carcinoma.	0
483	An Overview of Recent Advancements on Manganese-Based Nanostructures and Their Application for ROS-Mediated Tumor Therapy. 2415-2433	0

482	Role of non-coding RNA in immune microenvironment and anticancer therapy of gastric cancer.	0
481	Tanshinone functions as a coenzyme that confers gain of function of NQO1 to suppress ferroptosis. 2023 , 6, e202201667	0
480	Oxidative stress and ferroptosis involved in 2-ethylhexyl diphenyl phosphate -induced hepatotoxicity in chicken. 2022 , 368, 110216	1
479	Ferroptosis as a mechanism of oligodendrocyte loss and demyelination in experimental autoimmune encephalomyelitis. 2022 , 373, 577995	1
478	A PARP1 PROTAC as a novel strategy against PARP inhibitor resistance via promotion of ferroptosis in p53-positive breast cancer. 2022 , 206, 115329	0
477	Ferroptosis: A new strategy for traditional Chinese medicine treatment of stroke. 2022 , 156, 113806	0
476	Nrf2: An all-rounder in depression. 2022 , 58, 102522	3
475	Ferroptosis-related small-molecule compounds in cancer therapy: Strategies and applications. 2022 , 244, 114861	0
474	Protective effect of Xingnaojing injection on ferroptosis after cerebral ischemia injury in MCAO rats and SH-SY5Y cells. 2023 , 301, 115836	2
473	Parkinsonian Toxins: From MPTP to Endogenous Neurotoxins. 2022 , 2973-2992	0
472	cGAS-STING pathway aggravates early cerebral ischemia-reperfusion injury in mice by activating NCOA4-mediated ferritinophagy. 2023 , 359, 114269	1
471	?????????????????????????????. 2022 ,	0
470	Targeting Wnt/ECatenin Signaling Exacerbates Ferroptosis and Increases the Efficacy of Melanoma Immunotherapy via the Regulation of MITF. 2022 , 11, 3580	0
469	Iron Overload Causes Ferroptosis But Not Apoptosis in MO3.13 Oligodendrocytes.	0
468	Immunotherapy against the Cystine/Glutamate Antiporter xCT Improves the Efficacy of APR-246 in Preclinical Breast Cancer Models. 2022 , 10, 2843	0
467	Targeting Ferroptosis as a Promising Therapeutic Strategy for Ischemia-Reperfusion Injury. 2022 , 11, 2196	5
466	Molecular mechanisms of cell death in bronchopulmonary dysplasia.	0
465	The Impacts of Iron Overload and Ferroptosis on Intestinal Mucosal Homeostasis and Inflammation. 2022 , 23, 14195	0

464	New insights in ferroptosis: Potential therapeutic targets for the treatment of ischemic stroke. 13,	2
463	Glycine Alleviated Intestinal Injury by Inhibiting Ferroptosis in Piglets Challenged with Diquat. 2022 , 12, 3071	0
462	Ferroptosis of tumour neutrophils causes immune suppression in cancer.	1
461	SARS-CoV-2 infection induces activation of ferroptosis in human placenta. 10,	1
460	Ferroptosis in osteosarcoma: A promising future. 12,	0
459	m6A modification of circSPECC1 suppresses RPE oxidative damage and maintains retinal homeostasis. 2022 , 41, 111671	1
458	Mapping current research and identifying hotspots of ferroptosis in cardiovascular diseases. 9,	0
457	Targeting Ferroptosis Holds Potential for Intervertebral Disc Degeneration Therapy. 2022 , 11, 3508	0
456	Induction of pyroptotic cell death as a potential tool for cancer treatment. 2022 , 19,	0
455	The role of ferroptosis in neurodegenerative diseases.	0
454	Photoactivatable Metal Organic Framework for Synergistic Ferroptosis and Photodynamic Therapy Using 450 nm Laser. 2022 , 140438	0
453	Ferroptosis-related differentially expressed genes serve as new biomarkers in ischemic stroke and identification of therapeutic drugs. 9,	0
452	Lutein Decreases Inflammation and Oxidative Stress and Prevents Iron Accumulation and Lipid Peroxidation at Glutamate-Induced Neurotoxicity. 2022 , 11, 2269	3
451	Microglia-derived exosomal miR-302a-3p suppresses ferroptosis to alleviate cerebral ischemia/reperfusion injury by inhibiting neuronal ferritinophagy via regulating the Keap1/Nrf2 axis.	0
450	Glutamatergic system components as potential biomarkers and therapeutic targets in cancer in non-neural organs. 13,	1
449	Role of ferroptosis-associated genes in ankylosing spondylitis and immune cell infiltration. 13,	0
448	Drug Discovery and Amyotrophic Lateral Sclerosis: Emerging Challenges and Therapeutic Opportunities. 2022 , 101790	0
447	Platelet Internalization Mediates Ferroptosis in Myocardial Infarction.	0

446	Relationship between miRNA and ferroptosis in tumors. 13,	0
445	Rescue of the increased susceptibility to Mild Chronic Oxidative Stress of iNeurons carrying the MAPT Chromosome 17q21.3 H1/H1 risk allele by FDA-approved compounds.	0
444	MiR-140-3p directly targets Tyro3 to regulate OGD/R-induced neuronal injury through the PI3K/Akt pathway. 2022 ,	0
443	Fetuin-A alleviates neuroinflammation against traumatic brain injury-induced microglial necroptosis by regulating Nrf-2/HO-1 pathway. 2022 , 19,	1
442	Rye Bread Crust as an Inducer of Antioxidant Genes and Suppressor of NF- κ B Pathway In Vivo. 2022 , 14, 4790	0
441	Potential prognostic value of a eight ferroptosis-related lncRNAs model and the correlative immune activity in oral squamous cell carcinoma. 2022 , 23,	1
440	FeC ₂ O ₄ /g-C ₃ N ₄ Self-Assemble Nanorods regulate Stimuli-responsive Ferroptosis via Photo-Fenton Mechanism. 2022 , 155671	0
439	Inhibition of AEBP1 predisposes cisplatin-resistant oral cancer cells to ferroptosis. 2022 , 22,	0
438	Targeting ferroptosis, the achilles heel of breast cancer: A review. 13,	0
437	The Role of Oxidative Stress in Acute Ischemic Stroke-Related Thrombosis. 2022 , 2022, 1-19	3
436	Arginase 2 negatively regulates sorafenib-induced cell death by mediating ferroptosis in melanoma. 2022 ,	0
435	Ferroptosis-related ACSL3 and ACTC1 predict metastasis free survival for prostate cancer patients undergoing radical radiotherapy.	0
434	Reactive Oxygen Species- and Cell-Free DNA-Scavenging Mn ₃ O ₄ Nanozymes for Acute Kidney Injury Therapy. 2022 , 14, 50649-50663	1
433	Arenobufagin causes ferroptosis in human gastric cancer cells by increasing rev-erb β expression. 2022 ,	0
432	A Manganese-Based Metal-Organic Framework as a Cold-Adapted Nanozyme. 2206421	0
431	Taurine attenuates neuronal ferroptosis by regulating GABAB/AKT/GSK3 β /Eatenin pathway after subarachnoid hemorrhage. 2022 ,	0
430	Discovery and optimization of 2-(trifluoromethyl)benzimidazole derivatives as novel ferroptosis inducers in vitro and in vivo. 2022 , 114905	0
429	Di-(2-ethylhexyl) phthalate exposure induces liver injury by promoting ferroptosis via downregulation of GPX4 in pregnant mice. 10,	0

- 428 Eleutheroside B ameliorated high altitude pulmonary edema by attenuating ferroptosis and necroptosis through Nrf2-antioxidant response signaling. **2022**, 156, 113982 ○
- 427 Theaflavin-3,3'-Digallate Inhibits Erastin-Induced Chondrocytes Ferroptosis via the Nrf2/GPX4 Signaling Pathway in Osteoarthritis. **2022**, 2022, 1-17 ○
- 426 Targeting lipid metabolism for ferroptotic cancer therapy. ○
- 425 The Role of Macrophage Iron Overload and Ferroptosis in Atherosclerosis. **2022**, 12, 1702 ○
- 424 A Tale of Two Lipids: Lipid Unsaturation Commands Ferroptosis Sensitivity. 2100308 1
- 423 RNA-Seq reveals molecular strategies in response to chronic hypoxic challenge in the gills of *Takifugu rubripes*. ○
- 422 Erastin enhances metastatic potential of ferroptosis-resistant ovarian cancer cells by M2 polarization through STAT3/IL-8 axis. **2022**, 113, 109422 ○
- 421 Modulated Ultrasmall Fe₂O₃ Nanocrystal Assemblies for Switchable Magnetic Resonance Imaging and Photothermal-Ferroptotic-Chemical Synergistic Cancer Therapy. 2211251 ○
- 420 Quercetin alleviates ferroptosis accompanied by reducing M1 macrophage polarization during neutrophilic airway inflammation. **2022**, 175407 1
- 419 Propofol Inhibits Ferroptotic Cell Death Through the Nrf2/Gpx4 Signaling Pathway in the Mouse Model of Cerebral Ischemia/Reperfusion Injury. ○
- 418 Sphingosine 1-phosphate alleviates radiation-induced ferroptosis in ovarian granulosa cells by upregulating glutathione peroxidase 4. **2023**, 115, 49-55 ○
- 417 GPX4 aggravates experimental autoimmune encephalomyelitis by inhibiting the functions of CD4+ T cells. **2023**, 642, 57-65 ○
- 416 Etoposide in combination with erastin synergistically altered iron homeostasis and induced ferroptotic cell death through regulating IREB2/FPN1 expression in estrogen receptor positive-breast cancer cells. **2023**, 312, 121222 ○
- 415 Nrf2 and its dependent autophagy activation cooperatively counteract ferroptosis to alleviate acute liver injury. **2023**, 187, 106563 ○
- 414 Compartmentalized regulation of lipid signaling in oxidative stress and inflammation: Plasmalogens, oxidized lipids and ferroptosis as new paradigms of bioactive lipid research. **2023**, 89, 101207 ○
- 413 Ketone Body β-Hydroxybutyric Acid Ameliorates Dopaminergic Neuron Injury Through Modulating Zinc Finger Protein 36/Acyl-CoA Synthetase Long-Chain Family Member Four Signaling Axis-Mediated Ferroptosis. **2023**, 509, 157-172 ○
- 412 Concomitant selenoenzyme inhibitor exposures as etiologic contributors to disease: Implications for preventative medicine. **2023**, 733, 109469 1
- 411 Enhanced photothermal-ferroptosis effects based on RBCm-coated PDA nanoparticles for effective cancer therapy. ○

410	Ferroptosis induction via targeting metabolic alterations in head and neck cancer. 2023 , 181, 103887	1
409	Increased ATF2 expression predicts poor prognosis and inhibits sorafenib-induced ferroptosis in gastric cancer. 2023 , 59, 102564	1
408	NLRP3 inflammasome deficiency attenuates cerebral ischemia-reperfusion injury by inhibiting ferroptosis. 2023 , 193, 37-46	1
407	Targeting ferroptosis: Paving new roads for drug design and discovery. 2023 , 247, 115015	1
406	Inhibition of SLC7A11-GPX4 signal pathway is involved in aconitine-induced ferroptosis in vivo and in vitro. 2023 , 303, 116029	0
405	FLASH irradiation does not induce lipid peroxidation in lipids micelles and liposomes. 2023 , 205, 110733	1
404	Isolation of adoptively transferred CD8+ T cells in mouse tumor tissues for lipid peroxidation detection. 2023 , 4, 101945	0
403	Aging. 2022 ,	0
402	New perspectives on ferroptosis and its role in hepatocellular carcinoma. 2022 , 135, 2157-2166	0
401	Fuzheng Nizeng Decoction regulated ferroptosis and endoplasmic reticulum stress in the treatment of gastric precancerous lesions: A mechanistic study based on metabolomics coupled with transcriptomics. 13,	0
400	Pathogenesis of α -Synuclein in Parkinson's Disease: From a Neuron-Glia Crosstalk Perspective. 2022 , 23, 14753	2
399	Ginsenoside Rd Inhibited Ferroptosis to Alleviate CCl4-Induced Acute Liver Injury in Mice via cGAS/STING Pathway. 1-15	1
398	Extrinsic cell death pathway plasticity: a driver of clonal evolution in cancer?. 2022 , 8,	0
397	Bioinformatics analysis of ferroptosis-related genes in the pathogenesis of diabetic ulcers.	0
396	Vitexin Improves Cerebral ischemia-reperfusion Injury by Attenuating Oxidative Injury and Ferroptosis via Keap1/Nrf2/HO-1 signaling.	0
395	Redox Dyshomeostasis with Dual Stimuli-Activatable Dihydroartemisinin Nanoparticles to Potentiate Ferroptotic Therapy of Pancreatic Cancer. 2200888	1
394	High co-expression of SLC7A11 and GPX4 as a predictor of platinum resistance and poor prognosis in patients with epithelial ovarian cancer. 2022 , 129, 40-49	0
393	A Class of Disulfide Compounds Suppresses Ferroptosis by Stabilizing GPX4. 2022 , 17, 3389-3406	0

392	COX7A1 enhances the sensitivity of human NSCLC cells to cystine deprivation-induced ferroptosis via regulating mitochondrial metabolism. 2022 , 13,	0
391	Neurotrophic Role of the Next-Generation Probiotic Strain <i>L. lactis</i> MG1363-pMG36e-GLP-1 on Parkinson's Disease via Inhibiting Ferroptosis. 2022 , 14, 4886	0
390	Copper homeostasis and cuproptosis in health and disease. 2022 , 7,	3
389	The effect of ferritin levels on distal femoral cartilage thickness in patients with beta thalassaemia major.	0
388	PNO1 inhibits autophagy-mediated ferroptosis by GSH metabolic reprogramming in hepatocellular carcinoma. 2022 , 13,	2
387	The RNA-binding protein RBM24 regulates lipid metabolism and SLC7A11 mRNA stability to modulate ferroptosis and inflammatory response. 10,	0
386	Emerging Potential Mechanism and Therapeutic Target of Ferroptosis in PDAC: A Promising Future. 2022 , 23, 15031	0
385	Ferroptosis increases obesity: Crosstalk between adipocytes and the neuroimmune system. 13,	1
384	Mitochondria as multifaceted regulators of ferroptosis.	0
383	Ferroptosis Biomarkers for Predicting Prognosis and Immunotherapy Efficacy in Adrenocortical Carcinoma. 2022 ,	0
382	Treatment with the Ferroptosis Inhibitor Ferrostatin-1 Attenuates Noise-Induced Hearing Loss by Suppressing Ferroptosis and Apoptosis. 2022 , 2022, 1-19	0
381	Kidney tubular epithelial cell ferroptosis links glomerular injury to tubulointerstitial pathology in lupus nephritis. 2022 , 109213	1
380	Transcriptomics and metabolomics reveal changes in the regulatory mechanisms of osteosarcoma under different culture methods in vitro. 2022 , 15,	0
379	C-MYC Inhibited Ferroptosis and Promoted Immune Evasion in Ovarian Cancer Cells through NCOA4 Mediated Ferritin Autophagy. 2022 , 11, 4127	2
378	Iron Metabolism and Ferroptosis in Peripheral Nerve Injury. 2022 , 2022, 1-14	0
377	Functions and dysfunctions of oligodendrocytes in neurodegenerative diseases. 16,	0
376	Metabolism-dependent ferroptosis promotes mitochondrial dysfunction and inflammation in CD4+ T lymphocytes in HIV-infected immune non-responders. 2022 , 86, 104382	0
375	Bladder cancer tissue-derived exosomes suppress ferroptosis of T24 bladder cancer cells by transporting miR -217.	0

- 374 Genetically predicted iron status was associated with the risk of prostate cancer. 12, 0
- 373 Molecular mechanisms of neuronal death in brain injury after subarachnoid hemorrhage. 16, 2
- 372 Combination treatment with FAAH inhibitors/URB597 and ferroptosis inducers significantly decreases the growth and metastasis of renal cell carcinoma cells via the PI3K-AKT signaling pathway. 0
- 371 Targeting ferroptosis: a novel insight against myocardial infarction and ischemia-reperfusion injuries. 0
- 370 Boosting ROS-Mediated Lysosomal Membrane Permeabilization for Cancer Ferroptosis Therapy. 2202150 0
- 369 BRCA1 haploinsufficiency impairs iron metabolism to promote chrysotile-induced mesothelioma via ferroptosis-resistance. 0
- 368 Bone marrow stromal cell-derived exosomal circular RNA improves diabetic foot ulcer wound healing by activating the nuclear factor erythroid 2-related factor 2 (Nrf2) pathway and inhibiting ferroptosis. 0
- 367 Iron and Alzheimer's Disease. **2023**, 139-170 0
- 366 Targeting GSTP1-dependent ferroptosis in lung cancer radiotherapy: Existing evidence and future directions. 9, 0
- 365 LC-MS/MS based untargeted lipidomics uncovers lipid signatures of late-onset preeclampsia. **2022**, 0
- 364 Analysis and Validation of Antineutrophil cytoplasmic antibody-associated vasculitis with renal injury of the ferroptosis-related gene CD44 and Pan-Cancer. 0
- 363 Aspirin mediates protection from diabetic kidney disease by inducing ferroptosis inhibition. **2022**, 17, e0279010 0
- 362 Myo-Inositol Supplementation Alleviates Cisplatin-Induced Acute Kidney Injury via Inhibition of Ferroptosis. **2023**, 12, 16 0
- 361 Natural Astaxanthin Is a Green Antioxidant Able to Counteract Lipid Peroxidation and Ferroptotic Cell Death. **2022**, 23, 15137 0
- 360 Ferroptosis patterns and tumor microenvironment infiltration characterization in esophageal squamous cell cancer. 13, 0
- 359 Targeting cell death pathways for cancer therapy: recent developments in necroptosis, pyroptosis, ferroptosis, and cuproptosis research. **2022**, 15, 2
- 358 Ferroptosis: From regulation of lipid peroxidation to the treatment of diseases. 0
- 357 Identification of C1SD1 as a Prognostic Biomarker for Breast Cancer. Volume 15, 8451-8465 0

- 356 N6-methyladenosine modulation classes and immune microenvironment regulation in ischemic stroke. 15, 0
- 355 Aspects of xenobiotics and their receptors in stroke. 0
- 354 The role of ferroptosis in chronic intermittent hypoxia-induced lung injury. **2022**, 22, 1
- 353 Cell death regulation: a new way for natural products to treat osteoporosis. **2022**, 106635 0
- 352 Quercetin inhibits the progression of endometrial HEC-1-A cells by regulating ferroptosis preliminary study. **2022**, 27, 0
- 351 Iron-Calcium Crosstalk in Neurodegenerative Diseases. **2023**, 109-137 0
- 350 Transcriptome Analysis Unveils That Exosomes Derived from M1-Polarized Microglia Induce Ferroptosis of Neuronal Cells. **2022**, 11, 3956 0
- 349 Iron and Multiple Sclerosis. **2023**, 171-188 0
- 348 Research progress of traditional Chinese medicine in ferroptosis-related diseases. **2022**, 16, 100193 0
- 347 Reversing ferroptosis resistance by MOFs through regulation intracellular redox homeostasis. **2022** , 0
- 346 ECaryophyllene Acts as a Ferroptosis Inhibitor to Ameliorate Experimental Colitis. **2022**, 23, 16055 0
- 345 Neutrophil-targeted Mn3O4 nanozyme treats myocardial ischemia reperfusion injury by scavenging reactive oxygen species. 0
- 344 Progranulin released from microglial lysosomes reduces neuronal ferroptosis after cerebral ischemia in mice. 0271678X2211450 0
- 343 HMGCL-induced Ehydroxybutyrate production attenuates hepatocellular carcinoma via DPP4-mediated ferroptosis susceptibility. 0
- 342 The Emerging Role of Deubiquitinases in Cell Death. **2022**, 12, 1825 0
- 341 Ferroptosis: a potential therapeutic target for AlzheimerE disease. **2022**, 2
- 340 The emerging roles of ferroptosis in cells of the central nervous system. 16, 0
- 339 Lipid droplets and ferroptosis as new players in brain cancer glioblastoma progression and therapeutic resistance. 12, 0

- 338 Ferroptosis plays a novel role in nonalcoholic steatohepatitis pathogenesis. 13, ○
- 337 Iron and Subarachnoid Hemorrhage. **2023**, 211-227 ○
- 336 Quercetin alleviates subarachnoid hemorrhage-induced early brain injury via inhibiting ferroptosis in the rat model. ○
- 335 Design of manganese ion coated Prussian blue nanocarrier for the therapy of refractory diffuse large B-cell lymphoma based on a comprehensive analysis of ferroptosis regulators from clinical cases. ○
- 334 Photodynamic and ferroptotic Ce6@ZIF-8@ssPDA for head and neck cancer treatment. **2022**, 224, 111403 ○
- 333 SLC7A11 as a Gateway of Metabolic Perturbation and Ferroptosis Vulnerability in Cancer. **2022**, 11, 2444 1
- 332 Identification and validation of a ferroptosis-related lncRNA signature to robustly predict the prognosis, immune microenvironment, and immunotherapy efficiency in patients with clear cell renal cell carcinoma. 10, e14506 ○
- 331 Engineered anti-cancer nanomedicine for synergistic ferroptosis-immunotherapy. **2022**, 140688 ○
- 330 Regulation of programmed cell death by Brd4. **2022**, 13, ○
- 329 Multifaceted functions of STING in human health and disease: from molecular mechanism to targeted strategy. **2022**, 7, 1
- 328 ACSL4 and the lipoxygenases 15/15B are pivotal for ferroptosis induced by iron and PUFA dyshomeostasis in dopaminergic neurons. **2022**, ○
- 327 Cadmium chloride exposure impairs the growth and behavior of *Drosophila* via ferroptosis. **2022**, 161183 ○
- 326 Monitoring Cell Plasma Membrane Polarity by a NIR Fluorescence Probe with Unexpected Cell Plasma Membrane-Targeting Ability. **2022**, 7, 46891-46899 1
- 325 A multi-omic landscape of steatosis-to-NASH progression. ○
- 324 PRDX6-mediated pulmonary artery endothelial cell ferroptosis contributes to monocrotaline-induced pulmonary hypertension. **2022**, 104471 ○
- 323 Locally organised and activated Fth1hi neutrophils aggravate inflammation of acute lung injury in an IL-10-dependent manner. **2022**, 13, ○
- 322 Cross-talk between autophagy and ferroptosis contributes to the liver injury induced by fluoride via the mtROS-dependent pathway. **2023**, 250, 114490 ○
- 321 Analysis of ferroptosis-associated genes in Crohn's disease based on bioinformatics. 9, ○

- 320 ELOVL5 and IGFBP6 genes modulate sensitivity of breast cancer cells to ferroptosis. 10, ○
- 319 Lipid Metabolic Alterations in KRAS Mutant Tumors: Unmasking New Vulnerabilities for Cancer Therapy. **2023**, 24, 1793 ○
- 318 CD36 promotes tubular ferroptosis by regulating the ubiquitination of FSP1 in acute kidney injury. **2023**, ○
- 317 Biochemical mechanism of ferroptosis-mediated cancer cell death in triple-negative breast cancer: An insight. **2022**, 8, 90 ○
- 316 Iron Neurotoxicity in Parkinson's Disease. **2022**, 2219-2241 ○
- 315 Oxysphoridine protects against cerebral ischemia/reperfusion injury via inhibition of TLR4/p38MAPK-mediated ferroptosis. **2023**, 27, 1
- 314 Impediment of cancer by dietary plant-derived alkaloids through oxidative stress: Implications of PI3K/AKT pathway in apoptosis, autophagy, and ferroptosis. **2023**, 23, ○
- 313 Environmental impact on carcinogenesis under BRCA1 haploinsufficiency. **2023**, 45, ○
- 312 Lysophosphatidylcholine inhibits lung cancer cell proliferation by regulating fatty acid metabolism enzyme long-chain acyl-coenzyme A synthase 5. **2023**, 13, ○
- 311 Review of ferroptosis in colorectal cancer: Friends or foes?. 29, 469-486 ○
- 310 Kaempferol Prevents Acetaminophen-induced Liver Injury by Suppressing Hepatocyte Ferroptosis via Nrf2 Pathway Activation. ○
- 309 Ferroptosis: mechanisms and advances in ocular diseases. ○
- 308 IRF8 Regulates Intrinsic Ferroptosis through Repressing p53 Expression to Maintain Tumor Cell Sensitivity to Cytotoxic T Lymphocytes. **2023**, 12, 310 ○
- 307 Implications of Crosstalk between Exosome-Mediated Ferroptosis and Diseases for Pathogenesis and Treatment. **2023**, 12, 311 ○
- 306 Alarmins and MicroRNAs, a New Axis in the Genesis of Respiratory Diseases: Possible Therapeutic Implications. **2023**, 24, 1783 1
- 305 GAPDH Is a Novel Ferroptosis-Related Marker and Correlates with Immune Microenvironment in Lung Adenocarcinoma. **2023**, 13, 142 ○
- 304 A chiral fluorescent Ir(III) complex that targets the GPX4 and ErbB pathways to induce cellular ferroptosis. ○
- 303 Assessment of Diagnosis, Prognosis and Immune Infiltration Response to the Expression of the Ferroptosis-Related Molecule HAMP in Clear Cell Renal Cell Carcinoma. **2023**, 20, 913 ○

302	Ferroptosis as a therapeutic target for inflammation-related intestinal diseases. 14,	0
301	Sodium hydrosulfide inhibits hemin-induced ferroptosis and lipid peroxidation in BV2 cells via the CBS/H ₂ S system. 2023 , 110594	0
300	The antioxidant glutathione. 2023 ,	0
299	Pb induces ferroptosis in choroid plexus epithelial cells via Fe metabolism. 2023 ,	0
298	p53 activates the lipoxygenase activity of ALOX15B via inhibiting SLC7A11 to induce ferroptosis in bladder cancer cells. 2023 , 100058	0
297	The role of Hippo pathway in ferroptosis. 12,	0
296	Zoledronic acid induces ferroptosis by reducing ubiquinone and promoting HMOX1 expression in osteosarcoma cells. 13,	0
295	Acidity-Biodegradable Iridium-Coordinated Nanosheets for Amplified Ferroptotic Cell Death Through Multiple Regulatory Pathways. 2202562	0
294	Sodium Butyrate Induces CRC Cell Ferroptosis via the CD44/SLC7A11 Pathway and Exhibits a Synergistic Therapeutic Effect with Erastin. 2023 , 15, 423	0
293	Identification and validation of a novel ferroptosis-related gene signature for prognosis and potential therapeutic target prediction in cholangiocarcinoma. 13,	0
292	Editorial: The proceedings of mitochondria apoptosis and cancer (MAC 2021) virtual symposium. 10,	0
291	Editorial: Ferroptosis in cancer and beyond. 9,	0
290	Review and Chemoinformatic Analysis of Ferroptosis Modulators with a Focus on Natural Plant Products. 2023 , 28, 475	1
289	The molecular mechanism of ferroptosis and its role in COPD. 9,	1
288	SLC27A5 promotes sorafenib-induced ferroptosis in hepatocellular carcinoma by downregulating glutathione reductase. 2023 , 14,	0
287	Bibliometric analysis of ferroptosis in acute kidney injury from 2014 to 2022.	0
286	Tracking endoplasmic reticulum viscosity during ferroptosis and autophagy using molecular rotor probe.	0
285	Elucidating the progress and impact of ferroptosis in hemorrhagic stroke. 16,	0

- 284 Radiotherapy-Mediated Redox Homeostasis-Controllable Nanomedicine for Enhanced Ferroptosis Sensitivity in Tumor Therapy. **2023**, 0
- 283 The PTBP1-NCOA4 axis promotes ferroptosis in liver cancer cells. **2023**, 49, 0
- 282 Clustered Cobalt Nanodots Initiate Ferroptosis by Upregulating Heme Oxygenase 1 for Radiotherapy Sensitization. 2206415 0
- 281 Isoliquiritin modulates ferroptosis via NF- κ B signaling inhibition and alleviates doxorubicin resistance in breast cancer. 1-12 0
- 280 Enhancing Catalytic Activity of a Nickel Single Atom Enzyme by Polynary Heteroatom Doping for Ferroptosis-Based Tumor Therapy. 0
- 279 Mycobacterium tuberculosis Rv1324 Protein Contributes to Mycobacterial Persistence and Causes Pathological Lung Injury in Mice by Inducing Ferroptosis. 0
- 278 MiR-20a-5p alleviates kidney ischemia/reperfusion injury by targeting ACSL4-dependent ferroptosis. **2023**, 23, 11-25 0
- 277 TP73 Isoform-specific disruption reveals a critical role of TAp73beta in growth suppression and inflammatory response. **2023**, 14, 0
- 276 Ferrostatin-1 alleviates cerebral ischemia/reperfusion injury through activation of the AKT/GSK3 β signaling pathway. **2023**, 193, 146-157 2
- 275 A prospective strategy leveraging nanomedicine for cancer therapy: Promoting ferroptosis on apoptosis. **2023**, 48, 101740 0
- 274 Quercetin and resveratrol inhibit ferroptosis independently of Nrf2/ARE activation in mouse hippocampal HT22 cells. **2023**, 172, 113586 0
- 273 Abietic acid induces ferroptosis via the activation of the HO-1 pathway in bladder cancer cells. **2023**, 158, 114154 0
- 272 Acute liver injury induced by carbon tetrachloride reversal by Gandakang aqueous extracts through nuclear factor erythroid 2-related factor 2 signaling pathway. **2023**, 251, 114527 0
- 271 pH-sensitive molybdenum (Mo)-based polyoxometalate nanoclusters have therapeutic efficacy in inflammatory bowel disease by counteracting ferroptosis. **2023**, 188, 106645 0
- 270 A pH/ATP-responsive nanomedicine via disrupting multipath homeostasis of ferroptosis for enhanced cancer therapy. **2023**, 457, 141313 0
- 269 Melanin nanoparticles alleviate sepsis-induced myocardial injury by suppressing ferroptosis and inflammation. **2023**, 24, 313-321 0
- 268 Kolorektal Kanser Hastalarında Boraks ile Gpx4/ACSL4 Sinyal Yolu Aracılığıyla Sitotoksik Etkileri. 0
- 267 The lipid flippase SLC47A1 blocks metabolic vulnerability to ferroptosis. **2022**, 13, 1

- 266 Camptothecin-Loaded and Manganese Dioxide-Coated Polydopamine Nanomedicine Used for Magnetic Resonance Imaging Diagnosis and Chemo-Photothermal Therapy for Lung Cancer. Volume 17, 6687-6705 0
- 265 Identification of ferroptosis-related gene signatures associated with multiple sclerosis using weighted gene co-expression network analysis. **2022**, 101, e31802 0
- 264 Lipid Peroxidation and Iron Metabolism: Two Corner Stones in the Homeostasis Control of Ferroptosis. **2023**, 24, 449 2
- 263 Ferroptosis As a Mechanism for Health Effects of Essential Trace Elements and Potentially Toxic Trace Elements. 0
- 262 Identification of AP-1 as a Critical Regulator of Glutathione Peroxidase 4 (GPX4) Transcriptional Suppression and Acinar Cell Ferroptosis in Acute Pancreatitis. **2023**, 12, 100 0
- 261 Amplified Fenton-Based Oxidative Stress Utilizing Ultraviolet Upconversion Luminescence-Fueled Nanoreactors for Apoptosis-Strengthened Ferroptosis Anticancer Therapy. **2023**, 17, 382-401 0
- 260 Ribonucleotide reductase M2 (RRM2): Regulation, function and targeting strategy in human cancer. **2022**, 0
- 259 Acid-responsive drug-loaded copper phosphate nanoparticles for tumor cell therapy through synergistic apoptosis and ferroptosis strategy. **2023**, 25, 1
- 258 Insights on Ferroptosis and Colorectal Cancer: Progress and Updates. **2023**, 28, 243 0
- 257 Glycine regulates lipid peroxidation promoting porcine oocyte maturation and early embryonic development. 0
- 256 Ferroptosis and Iron Metabolism after Intracerebral Hemorrhage. **2023**, 12, 90 0
- 255 Development of a classification model and an immune-related network based on ferroptosis in periodontitis. 0
- 254 Self-assembled nanomaterials for ferroptosis-based cancer theranostics. 0
- 253 Autophagy-dependent ferroptosis in kidney disease. 9, 0
- 252 Ferroptosis: challenges and opportunities for nanomaterials in cancer therapy. 0
- 251 Inhibition of autophagy and MEK promotes ferroptosis in Lkb1-deficient Kras-driven lung tumors. **2023**, 14, 0
- 250 Ferroptosis in acute kidney injury following crush syndrome: A novel target for treatment. **2023**, 0
- 249 Diagnosis of Osteoarthritis at an Early Stage via Infrared Spectroscopy Combined Chemometrics in Human Serum: A Pilot Study. **2023**, 11, 404 0

- 248 ACS2-mediated NF- κ B activation promotes alkaliptosis in human pancreatic cancer cells. **2023**, 13, ○
- 247 Fluorescence Imaging-Incorporated Transcriptome Study of Glutathione Depletion-Enhanced Ferroptosis Therapy via Targeting Gold Nanoclusters. **2023**, 15, 6385-6396 ○
- 246 Identification of key ferroptosis genes in diabetic retinopathy based on bioinformatics analysis. **2023**, 18, e0280548 ○
- 245 Protectin conjugates in tissue regeneration 1 alleviates sepsis-induced acute lung injury by inhibiting ferroptosis. ○
- 244 miR-761-hepcidin/Gpx4 pathway contribute to unexplained liver dysfunction in polycystic ovary syndrome by regulating liver iron overload and ferroptosis. ○
- 243 Ginsenoside Re attenuates myocardial ischemia/reperfusion induced ferroptosis via miR-144-3p/SLC7A11. **2023**, 154681 ○
- 242 Guilu-Erxian-Glue alleviates Tripterygium wilfordii polyglycoside-induced oligoasthenospermia in rats by resisting ferroptosis via the Keap1/Nrf2/GPX4 signaling pathway. **2023**, 61, 213-227 ○
- 241 SGK2 promotes prostate cancer metastasis by inhibiting ferroptosis via upregulating GPX4. **2023**, 14, ○
- 240 Amplification of Lipid Peroxidation by Regulating Cell Membrane Unsaturation to Enhance Chemodynamic Therapy. ○
- 239 Identification of a Novel Model for Predicting the Prognosis and Immune Response Based on Genes Related to Cuproptosis and Ferroptosis in Ovarian Cancer. **2023**, 15, 579 ○
- 238 Identification and Development of a 4-Gene Ferroptosis Signature Predicting Overall Survival for Diffuse Large B-Cell Lymphoma. **2023**, 22, 153303382211477 ○
- 237 Ferroptosis-modulating small molecules for targeting drug-resistant cancer: Challenges and opportunities in manipulating redox signaling. ○
- 236 Ferroptosis-Related Prognostic Gene LAMP2 Is a Potential Biomarker Differential Expressed in Castration Resistant Prostate Cancer. **2023**, 2023, 1-14 ○
- 235 Cell Death Pathways: The Variable Mechanisms Underlying Fine Particulate Matter-Induced Cytotoxicity. ○
- 234 Identification of hub genes and pathways of ferroptosis in Fusarium keratitis by bioinformatics methods. 13, ○
- 233 RBM15 silencing promotes ferroptosis by regulating the TGF- β /Smad 2 pathway in lung cancer. ○
- 232 Carbonic Anhydrase IX Controls Vulnerability to Ferroptosis in Gefitinib-Resistant Lung Cancer. **2023**, 2023, 1-21 ○
- 231 Biomimetic Molybdenum Sulfide-Catalyzed Tumor Ferroptosis and Bioimaging. 2207544 ○

- 230 Lipid droplets and polyunsaturated fatty acid trafficking: Balancing life and death. 11, ○
- 229 Canagliflozin Regulates Ferroptosis, Potentially via Activating AMPK/PGC-1 α /Nrf2 Signaling in HFpEF Rats. **2023**, 7, ○
- 228 A Review of the Role of Curcumin in Metal Induced Toxicity. **2023**, 12, 243 ○
- 227 The Role of Iron Metabolism, Lipid Metabolism, and Redox Homeostasis in Alzheimer's Disease: from the Perspective of Ferroptosis. ○
- 226 Mitochondria regulate intracellular coenzyme Q transport and ferroptotic resistance via STARD7. ○
- 225 Research Progress of Ferroptosis and Its Role in the Medication for Heart Failure. **2023**, 13, 2267-2271 ○
- 224 The Biological Processes of Ferroptosis Involved in Pathogenesis of COVID-19 and Core Ferroptotic Genes Related With the Occurrence and Severity of This Disease. **2023**, 19, 117693432311532 ○
- 223 Immune-metabolic mechanisms of post-traumatic stress disorder and atherosclerosis. 14, ○
- 222 Cardiomyocyte-fibroblast interaction regulates ferroptosis and fibrosis after myocardial injury. ○
- 221 Metal-rich cascade nanosystem for dual-pathway ferroptosis resistance regulation and photothermal effect for efficient tumor combination therapy. ○
- 220 The effect of growth hormone on the metabolome of follicular fluid in patients with diminished ovarian reserve. **2023**, 21, ○
- 219 PRMT4 interacts with NCOA4 to inhibit ferritinophagy in cisplatin-induced acute kidney injury. ○
- 218 1,3a,6a-Triazapentalene derivatives as photo-induced cytotoxic small fluorescent dyes. **2023**, 6, ○
- 217 Dietary restriction of cysteine and methionine sensitizes gliomas to ferroptosis and induces alterations in energetic metabolism. **2023**, 14, ○
- 216 A conjoint analysis of bulk RNA-seq and single-nucleus RNA-seq for revealing the role of ferroptosis and iron metabolism in ALS. 17, ○
- 215 ALOX5-mediated ferroptosis acts as a distinct cell death pathway upon oxidative stress in Huntington's disease. **2023**, 37, 204-217 ○
- 214 Implantation of hydrogel-liposome nanoplatfrom inhibits glioblastoma relapse by inducing ferroptosis. **2023**, 100800 ○
- 213 Combination treatment with FAAH inhibitors/URB597 and ferroptosis inducers significantly decreases the growth and metastasis of renal cell carcinoma cells via the PI3K-AKT signaling pathway. **2023**, 14, ○

- 212 Exploration and identification of six novel ferroptosis-related hub genes as potential gene signatures for peripheral nerve injury. 14, ○
- 211 Increased Risk of Aging-Related Neurodegenerative Disease after Traumatic Brain Injury. **2023**, 11, 1154 ○
- 210 GSH and H2O2 dynamic correlation in the ferroptosis pathways revealed by engineered probe in tumor and kidney injury. **2023**, 464, 142496 ○
- 209 Farnesoid X receptor protects against lipopolysaccharide-induced endometritis by inhibiting ferroptosis and inflammatory response. **2023**, 118, 110080 ○
- 208 Hepatocyte ferroptosis contributes to anti-tuberculosis drug-induced liver injury: Involvement of the HIF-1 α /SLC7A11/GPx4 axis. **2023**, 376, 110439 ○
- 207 Cigarette smoke induces the ROS accumulation and iNOS activation through deactivation of Nrf-2/SIRT3 axis to mediate the human bronchial epithelium ferroptosis. **2023**, 200, 73-86 ○
- 206 Epithelial-mesenchymal plasticity: Implications for ferroptosis vulnerability and cancer therapy. **2023**, 185, 103964 ○
- 205 Ferroptosis in diabetic nephropathy: Mechanisms and therapeutic implications. **2023**, 18, 100243 ○
- 204 Nrf2 signaling in diabetic nephropathy, cardiomyopathy and neuropathy: Therapeutic targeting, challenges and future prospective. **2023**, 1869, 166714 ○
- 203 Potential of natural products in combination with arsenic trioxide: Investigating cardioprotective effects and mechanisms. **2023**, 162, 114464 ○
- 202 Wenqingyin suppresses ferroptosis in the pathogenesis of sepsis-induced liver injury by activating the Nrf2-mediated signaling pathway. **2023**, 114, 154748 ○
- 201 Tubastatin A potently inhibits GPX4 activity to potentiate cancer radiotherapy through boosting ferroptosis. **2023**, 62, 102677 ○
- 200 Exosomes from young healthy human plasma promote functional recovery from intracerebral hemorrhage via counteracting ferroptotic injury. **2023**, 27, 1-14 ○
- 199 Ferroptosis in hematological malignant tumors. 13, ○
- 198 Effect of deferoxamine and ferrostatin-1 on salivary gland dysfunction in ovariectomized rats. ○
- 197 A Pan-cancer Analysis of Ferroptosis-related Gene Arachidonic Acid 15-Lipoxygenase-1 (ALOX15): Its Prognostic and Immunotherapeutic Values. ○
- 196 DiDang decoction improves mitochondrial function and lipid metabolism via the HIF-1 signaling pathway to treat atherosclerosis and hyperlipidemia. **2023**, 308, 116289 ○
- 195 AAV9-HGF cooperating with TGF-beta/Smad inhibitor attenuates silicosis fibrosis via inhibiting ferroptosis. **2023**, 161, 114537 ○

- 194 Elemene enhances erlotinib sensitivity through induction of ferroptosis by upregulating lncRNA H19 in EGFR-mutant non-small cell lung cancer. **2023**, 191, 106739 ○
- 193 Ugi reaction-assisted assembly of covalent PROTACs against glutathione peroxidase 4. **2023**, 134, 106461 ○
- 192 Metabolomics and mass spectrometry imaging reveal the chronic toxicity of indoxacarb to adult zebrafish (*Danio rerio*) livers. **2023**, 453, 131304 ○
- 191 Comprehensive monitoring of mitochondrial viscosity variation during different cell death processes by a NIR mitochondria-targeting fluorescence probe. **2023**, 295, 122602 ○
- 190 Comprehensive Analysis of the Expression and Clinical Significance of a Ferroptosis-Related Genome in Ovarian Serous Cystadenocarcinoma: A Study Based on TCGA Data. **2022**, 24, 835-863 ○
- 189 Ferroptosis: The Entanglement between Traditional Drugs and Nanodrugs in Tumor Therapy. 2203085 ○
- 188 Acetyl-CoA metabolism in cancer. **2023**, 23, 156-172 ○
- 187 Evaluation of genetic variants in ferroptosis-related genes and house dust mite-induced allergic rhinitis risk. **2023**, 115, 109707 ○
- 186 pNaktide mitigates inflammation-induced neuronal damage and behavioral deficits through the oxidative stress pathway. **2023**, 116, 109727 ○
- 185 TFR2 regulates ferroptosis and enhances temozolomide chemo-sensitization in gliomas. **2023**, 424, 113474 ○
- 184 Single-trigger dual-modal nanoplatforM for in situ switch on cancer diagnosis imaging. **2023**, 381, 133420 ○
- 183 Ferrostatin-1 improves BMSC survival by inhibiting ferroptosis. **2023**, 736, 109535 ○
- 182 Metastable Iron Sulfides: A Versatile Antibacterial Candidate with Multiple Mechanisms against Bacterial Resistance. **2023**, 4, 115-132 ○
- 181 The Roles of Iron and Ferroptosis in Human Chronic Diseases. ○
- 180 *Tripterygium wilfordii* Hook.f. ameliorates paraquat-induced lung injury by reducing oxidative stress and ferroptosis via Nrf2/HO-1 pathway. **2023**, 252, 114575 ○
- 179 Involvement of redox signalling in tumour cell dormancy and metastasis. **2023**, 42, 49-85 ○
- 178 Long-term in-situ real-time fluorescence imaging of lipid droplets during cell ferroptosis process enabled by an epindolidione-based fluorescent probe. **2023**, 381, 133438 ○
- 177 High expression level of the FTH1 gene is associated with poor prognosis in children with non-M3 acute myeloid leukemia. 12, ○

176	G-Quadruplex Structures as a Switch Regulate ATF4 Expression in Ferroptotic HepG2 Cells. 2023 , 18, 273-284	0
175	Potent nanoreactor-mediated ferroptosis-based strategy for the reversal of cancer chemoresistance to Sorafenib. 2023 , 159, 237-246	0
174	NRF2 controls iron homeostasis and ferroptosis through HERC2 and VAMP8. 2023 , 9,	3
173	Systematic Identification of Novel Ferroptosis-Associated Multigene Models for Predicting Patient Prognosis Based on Endometrial Cancer. 2023 , 2023, 1-16	0
172	Iron-tracking strategies: Chaperones capture iron in the cytosolic labile iron pool. 10,	0
171	A versatile NiS ₂ /FeS ₂ hybrid nanocrystal for synergistic cancer therapy by inducing ferroptosis and pyroptosis. 2023 , 460, 141639	0
170	From magic spot ppGpp to MESH1: Stringent response from bacteria to metazoa. 2023 , 19, e1011105	1
169	Idebenone attenuates ferroptosis by inhibiting excessive autophagy via the ROS-AMPK-mTOR pathway to preserve cardiac function after myocardial infarction. 2023 , 943, 175569	0
168	Current insights into the functional roles of ferroptosis in musculoskeletal diseases and therapeutic implications. 11,	1
167	LPS-Activated Microglial Cell-Derived Conditioned Medium Protects HT22 Neuronal Cells against Glutamate-Induced Ferroptosis. 2023 , 24, 2910	0
166	Nutrient transporters: connecting cancer metabolism to therapeutic opportunities. 2023 , 42, 711-724	0
165	Identification and validation of ferroptosis-related gene signature in intervertebral disc degeneration. 14,	0
164	Cardiac-Specific Expression of Cre Recombinase Leads to Age-Related Cardiac Dysfunction Associated with Tumor-like Growth of Atrial Cardiomyocyte and Ventricular Fibrosis and Ferroptosis. 2023 , 24, 3094	0
163	PUFAs dictate the balance of power in ferroptosis. 2023 , 110, 102703	0
162	Ferroptosis: Underlying mechanism and the crosstalk with other modes of neuronal death after intracerebral hemorrhage. 17,	0
161	SiNPs induce ferroptosis in HUVECs through p38 inhibiting Nrf2 pathway. 11,	0
160	Ferroptosis and tumor immunotherapy: A promising combination therapy for tumors. 13,	1
159	A Ferroptosis-Inducing and Leukemic Cell-Targeting Drug Nanocarrier Formed by Redox-Responsive Cysteine Polymer for Acute Myeloid Leukemia Therapy. 2023 , 17, 3334-3345	0

- 158 ATM orchestrates ferritinophagy and ferroptosis by phosphorylating NCOA4. 1-16 ○
- 157 Photodynamic therapy: Innovative approaches for antibacterial and anticancer treatments. ○
- 156 Recent Advances in Biomaterials-Based Therapies for Alleviation and Regeneration of Traumatic Brain Injury. 2200577 ○
- 155 Betulinic acid inhibits growth of hepatoma cells through activating the NCOA4-mediated ferritinophagy pathway. **2023**, 102, 105441 ○
- 154 Pre-Treatment of Transplant Donors with Hydrogen Sulfide to Protect against Warm and Cold Ischemia-Reperfusion Injury in Kidney and Other Transplantable Solid Organs. **2023**, 24, 3518 ○
- 153 A novel ferroptosis-related gene signature for predicting prognosis in multiple myeloma. 13, ○
- 152 A Multifunctional Nanoplatform for Tumor-Targeted Imaging and Enhanced Ferroptosis Therapy. **2023**, 6, ○
- 151 A non-canonical function of LDHB promotes SLC7A11-mediated glutathione metabolism and protects against glutaminolysis-dependent ferroptosis in KRAS-driven lung cancer. ○
- 150 Role of ferroptosis in colorectal cancer. 15, 225-239 ○
- 149 Reactive Oxygen Species and NRF2 Signaling, Friends or Foes in Cancer?. **2023**, 13, 353 ○
- 148 Ferroptosis and Senescence: A Systematic Review. **2023**, 24, 3658 ○
- 147 TMEM164 is an acyltransferase that forms ferroptotic C20:4 ether phospholipids. **2023**, 19, 378-388 1
- 146 Recent trends in emerging strategies for ferroptosis-based cancer therapy. **2023**, 5, 1271-1290 ○
- 145 The DUBA-SLC7A11-c-Myc axis is critical for stemness and ferroptosis. ○
- 144 Research progress and insights on the role of ferroptosis in wound healing. ○
- 143 miR-29a-5p modulates ferroptosis by targeting ferritin heavy chain FTH1 in prostate cancer. **2023**, 652, 6-13 ○
- 142 Glutathione system enhancement for cardiac protection: pharmacological options against oxidative stress and ferroptosis. **2023**, 14, ○
- 141 Alpha-Tocopherol from People to Plants Is an Essential Cog in the Metabolic Machinery. **2023**, 38, 775-791 ○

- 140 Human hematopoietic stem cell vulnerability to ferroptosis. **2023**, 186, 732-747.e16 1
- 139 Repression of the aryl-hydrocarbon receptor prevents oxidative stress and ferroptosis of intestinal intraepithelial lymphocytes. **2023**, 56, 797-812.e4 1
- 138 Toosendanin induced hepatotoxicity via triggering PERK-eIF2 β -ATF4 mediated ferroptosis. **2023**, 377, 51-61 0
- 137 lncRNA-associated ceRNA network revealing the potential regulatory roles of ferroptosis and immune infiltration in Alzheimer's disease. 15, 0
- 136 Vitamin D Promotes Ferroptosis in Colorectal Cancer Stem Cells via SLC7A11 Downregulation. **2023**, 2023, 1-16 1
- 135 Nox4-and Tf/TfR-mediated peroxidation and iron overload exacerbate neuronal ferroptosis after intracerebral hemorrhage: Involvement of EAAT3 dysfunction. **2023**, 199, 67-80 0
- 134 Suppressing Mesenchymal Stromal Cell Ferroptosis Via Targeting a Metabolism-Epigenetics Axis Corrects their Poor Retention and Insufficient Healing Benefits in the Injured Liver Milieu. 2206439 0
- 133 Sialyltransferase7A promotes cardiomyocyte ferroptosis induced by sorafenibthrough increase in HIF-1 α expression. 0
- 132 Deferoxamine in intracerebral hemorrhage: Systematic review and meta-analysis. **2023**, 227, 107634 0
- 131 Cyclosporine A-loaded apoferritin alleviates myocardial ischemia-reperfusion injury by simultaneously blocking ferroptosis and apoptosis of cardiomyocytes. **2023**, 160, 265-280 0
- 130 Altered iron metabolism as a target for ferroptosis induction in head and neck cancer. 0
- 129 Glutamine deprivation induces ferroptosis in pancreatic cancer cells. **2023**, 0
- 128 Redox signaling in drug-tolerant persister cells as an emerging therapeutic target. **2023**, 89, 104483 0
- 127 Ferroptosis-based drug delivery system as a new therapeutic opportunity for brain tumors. 13, 0
- 126 Systematic toxicological analysis of the effect of salinity on the physiological stress induced by triphenyltin in Nile tilapia. **2023**, 257, 106441 0
- 125 Aspirin triggers ferroptosis in hepatocellular carcinoma cells through restricting NF- κ B p65-activated SLC7A11 transcription. 0
- 124 The Multidrug Resistance Transporter P-glycoprotein Confers Resistance to Ferroptosis Inducers. 0
- 123 Repurposed pizotifen malate targeting NRF2 exhibits anti-tumor activity through inducing ferroptosis in esophageal squamous cell carcinoma. **2023**, 42, 1209-1223 0

- 122 Ferroptosis Detection: From Approaches to Applications. 0
- 121 Ferroptosis Detection: From Approaches to Applications. 0
- 120 Malic Enzyme 1 as a Novel Anti-Ferroptotic Regulator in Hepatic Ischemia/Reperfusion Injury. 2205436 0
- 119 Interfacial Extraction to Trap and Characterize the Criegee Intermediates from Phospholipid Ozonolysis. **2023**, 95, 5018-5023 0
- 118 Emerging RNA-Based Therapeutic and Diagnostic Options: Recent Advances and Future Challenges in Genitourinary Cancers. **2023**, 24, 4601 0
- 117 Studying ferroptosis and iron metabolism pre- and post-radiotherapy treatment in breast cancer patients. **2023**, 35, 0
- 116 The interplay of oncogenic signaling, oxidative stress and ferroptosis in cancer. 2
- 115 Molecular Mechanisms of Nemorosone-Induced Ferroptosis in Cancer Cells. **2023**, 12, 735 0
- 114 Ferroptosis-related metabolic mechanism and nanoparticulate anticancer drug delivery systems based on ferroptosis. **2023**, 31, 554-568 0
- 113 CircOMA1 modulates cabergoline resistance by downregulating ferroptosis in prolactinoma. 0
- 112 Potential Roles of Melatonin in Doxorubicin-Induced Cardiotoxicity: From Cellular Mechanisms to Clinical Application. **2023**, 15, 785 0
- 111 Innate Immune Cells Activating Receptors Are Crucial Factors Regulating Inflammation and Cell Death in Traumatic Brain Injury. 0
- 110 The role of ferroptosis-related genes in airway epithelial cells of asthmatic patients based on bioinformatics. **2023**, 102, e33119 0
- 109 Mitochondria-localized cGAS suppresses ferroptosis to promote cancer progression. **2023**, 33, 299-311 0
- 108 Regulatory roles of ferroptosis-related non-coding RNAs and their research progress in urological malignancies. 14, 0
- 107 Functional states of myeloid cells in cancer. **2023**, 41, 490-504 0
- 106 Ferritin from Mycobacterium abscessus is involved in resistance to antibiotics and oxidative stress. **2023**, 107, 2577-2595 0
- 105 Development of alternative herbals remedy for gastric cancer based on transcriptomic analysis of immune infiltration and ferroptosis. 14, 0

- 104 Identification and integration analysis of a novel prognostic signature associated with cuproptosis-related ferroptosis genes and relevant lncRNA regulatory axis in lung adenocarcinoma. ○
- 103 A Brain-Targeting NIR-II Ferroptosis System: Effective Visualization and Oncotherapy for Orthotopic Glioblastoma. 2206333 ○
- 102 Cellular senescence of renal tubular epithelial cells in renal fibrosis. 14, 1
- 101 A Comprehensive Analysis of Programmed Cell Death-Associated Genes for Tumor Microenvironment Evaluation Promotes Precise Immunotherapy in Patients with Lung Adenocarcinoma. **2023**, 13, 476 ○
- 100 Fluorescent probes for ferroptosis bioimaging: advances, challenges, and prospects. **2023**, 52, 2011-2030 ○
- 99 Inhibition of Lipid peroxidation by ALR protects the kidney from ischemia-reperfusion injury. ○
- 98 Bone marrow mesenchymal stem cells inhibit ferroptosis via regulating the Nrf2-keap1/p53 pathway to ameliorate chronic kidney disease injury in the rats. **2023**, 43, 9-18 ○
- 97 Targeting GPX4 in human cancer: Implications of ferroptosis induction for tackling cancer resilience. **2023**, 559, 216119 ○
- 96 Promotion of ferroptosis in head and neck cancer with divalent metal transporter 1 inhibition or salinomycin. **2023**, 36, 1090-1098 ○
- 95 Iron metabolism and ferroptosis in type 2 diabetes mellitus and complications: mechanisms and therapeutic opportunities. **2023**, 14, ○
- 94 ARE-PROTACs Enable Co-degradation of an Nrf2/MafG Heterodimer. ○
- 93 Ferroptosis, necroptosis and cuproptosis: Novel forms of regulated cell death in diabetic cardiomyopathy. 10, ○
- 92 Ferroptosis, pyroptosis and necroptosis in acute respiratory distress syndrome. **2023**, 9, ○
- 91 PDIA4 confers resistance to ferroptosis via induction of ATF4/SLC7A11 in renal cell carcinoma. **2023**, 14, ○
- 90 Network Pharmacology Prediction and Experimental Verification for Anti-Ferroptosis of Edaravone After Experimental Intracerebral Hemorrhage. ○
- 89 NRF2 deficiency promotes ferroptosis of astrocytes mediated by oxidative stress in Alzheimer's disease. ○
- 88 Disrupting Intracellular Iron Homeostasis by Engineered Metal-Organic Framework for Nanocatalytic Tumor Therapy in Synergy with Autophagy Amplification-Promoted Ferroptosis. 2215244 ○
- 87 Ferroptosis in non-alcoholic liver disease: Molecular mechanisms and therapeutic implications. 10, ○

86	Neurodegeneration, Mitochondria, and Antibiotics. 2023 , 13, 416	0
85	New Insights into the Role of Ferroptosis in Cardiovascular Diseases. 2023 , 12, 867	0
84	Iron, ferroptosis, and ischemic stroke.	0
83	Neuroimaging in Primary Coenzyme-Q10-Deficiency Disorders. 2023 , 12, 718	0
82	Nature-Inspired Bioactive Compounds: A Promising Approach for Ferroptosis-Linked Human Diseases?. 2023 , 28, 2636	0
81	Role of oxidative stress and inflammation-related signaling pathways in doxorubicin-induced cardiomyopathy. 2023 , 21,	2
80	Discovery of the Effects of the Hemiprotonic Phenanthroline-Phenanthroline+ against <i>Trichophyton rubrum</i> by Inducing Fungal Apoptosis. 2023 ,	0
79	Bioinformatics analysis of ferroptosis-related gene AKR1C3 as a potential biomarker of asthma and its identification in BEAS-2B cells. 2023 , 158, 106740	0
78	Proton pump inhibitor-enhanced nanocatalytic ferroptosis induction for stimuli-responsive dual-modal molecular imaging guided cancer radiosensitization. 2023 ,	0
77	Ferroptotic mechanisms and therapeutic targeting of iron metabolism and lipid peroxidation in the kidney. 2023 , 19, 315-336	0
76	The Progress in Reconstruction of Mandibular Defect Caused by Osteoradionecrosis. 2023 , 2023, 1-12	0
75	SLC27A4-mediated selective uptake of mono-unsaturated fatty acids promotes ferroptosis defense in hepatocellular carcinoma. 2023 , 201, 41-54	0
74	Low-temperature plasma as magic wand to differentiate between the good and the evil. 2023 , 57, 38-46	0
73	A survival model for prognostic prediction based on ferroptosis-associated genes and the association with immune infiltration in lung squamous cell carcinoma. 2023 , 18, e0282888	0
72	Asparagine starvation suppresses histone demethylation through iron depletion. 2023 , 26, 106425	0
71	Phosphatidylcholine deficiency increases ferroptosis susceptibility in the <i>Caenorhabditis elegans</i> germline. 2023 ,	0
70	The Role of Ferroptosis in Placental-Related Diseases.	0
69	Immunometabolism in the pathogenesis of vitiligo. 13,	1

- 68 A mycobacterial effector promotes ferroptosis-dependent pathogenicity and dissemination. **2023**, 14,
- 67 The Role of Dietary Antioxidants and Their Potential Mechanisms in Alzheimer's Disease Treatment. **2023**, 13, 438
- 66 Mechanism of ferroptosis in a rat model of premature ovarian insufficiency induced by cisplatin. **2023**, 13,
- 65 SETD8 inhibits ferroptosis in pancreatic cancer by inhibiting the expression of RRAD. **2023**, 23,
- 64 Salidroside attenuates lipopolysaccharide-induced neuroinflammation and cognitive impairment in septic encephalopathy mice. **2023**, 117, 109975
- 63 Ferroptosis: Mechanism and potential applications in cervical cancer. 10,
- 62 LncRNA HCP5-Encoded Protein Regulates Ferroptosis to Promote the Progression of Triple-Negative Breast Cancer. **2023**, 15, 1880
- 61 Ferrostatin-1 mitigates ionizing radiation-induced intestinal injuries by inhibiting apoptosis and ferroptosis: an in vitro and in vivo study. 1-12
- 60 MIR100HG promoted ferroptosis via regulating the expression of ACSL3 in lung cancer cells.
- 59 Heterostructural Nanoadjuvant CuSe/CoSe₂ for Potentiating Ferroptosis and Photoimmunotherapy through Intratumoral Blocked Lactate Efflux. **2023**, 145, 7205-7217
- 58 Regulated cell death pathways in kidney disease. **2023**, 19, 281-299
- 57 Protective Effects of Maprotiline in 6-Hydroxydopamine (6-OHDA)-Induced Ferroptosis in Neuronal Cells. **2022**, 18, 2592-2598
- 56 Polydopamine Nanoparticles Targeting Ferroptosis Mitigate Intervertebral Disc Degeneration Via Reactive Oxygen Species Depletion, Iron Ions Chelation, and GPX4 Ubiquitination Suppression. 2207216
- 55 Recent Organic Photosensitizer Designs for Evoking Proinflammatory Regulated Cell Death in Antitumor Immunotherapy. 2201614
- 54 The Research Progress of Ferroptosis in Heart Failure Disease. **2023**, 13, 4459-4465
- 53 Research Advances in Cell Death in Osteoarthritis. **2023**, 13, 4454-4458
- 52 Ferroptosis propagates to neighboring cells via cell-cell contacts.
- 51 Anti-CHAC1 exosomes for nose-to-brain delivery of miR-760-3p in cerebral ischemia/reperfusion injury mice inhibiting neuron ferroptosis. **2023**, 21,

- 50 Comprehensive characterization of ferroptosis in hepatocellular carcinoma revealing the association with prognosis and tumor immune microenvironment. 13, ○
- 49 Bibliometric and visualization analysis of immunogenic cell death from 2012 to 2022 (Preprint). ○
- 48 5-Aminolevulinic Acid Exhibits Dual Effects on Stemness in Human Sarcoma Cell Lines under Dark Conditions. **2023**, 24, 6189 ○
- 47 Exosomes secreted from cardiomyocytes suppress the sensitivity of tumor ferroptosis in ischemic heart failure. **2023**, 8, ○
- 46 Ferroptosis in pancreatic diseases: potential opportunities and challenges that require attention. ○
- 45 High-throughput mechano-cytometry as a method to detect apoptosis, necroptosis, and ferroptosis. ○
- 44 Ferroptosis and Neurodegenerative Diseases: Insights into the Regulatory Roles of SLC7A11. ○
- 43 Engineering fluorescent protein chromophores with an internal reference for high-fidelity ratiometric G4 imaging in living cells. ○
- 42 Anti-Ferroptotic Effects of Nrf2: Beyond the Antioxidant Response. **2023**, 46, 165-175 ○
- 41 Current, emerging, and potential therapies for non-alcoholic steatohepatitis. 14, ○
- 40 Bioinformatics Analysis of Molecular Interactions between Endoplasmic Reticulum Stress and Ferroptosis under Stress Exposure. **2023**, 2023, 1-22 ○
- 39 Emerging insights into the role of ferroptosis in the pathogenesis of autoimmune diseases. 14, ○
- 38 Ferroptosis Regulated by Hypoxia in Cells. **2023**, 12, 1050 ○
- 37 A Phase 1 Study of Oral Vitamin D3 in Boys and Young Men With X-Linked Adrenoleukodystrophy. **2023**, 9, e200061 ○
- 36 Nutrientes minerales y su relación suelo-plantas-animal en praderas de Bolívar- Guaranda Ecuador. **2023**, 3, e162 ○
- 35 Ferroptosis in Acute Leukemia. Publish Ahead of Print, ○
- 34 Ferritinophagy was involved in long-term SiNPs exposure induced ferroptosis and liver fibrosis. 1-19 ○
- 33 Implication of Ferroptosis in Cholangiocarcinoma: A Potential Future Target?. Volume 15, 335-342 ○

- 32 Novel roles for HMGA2 isoforms in regulating oxidative stress and sensitizing to RSL3-Induced ferroptosis in prostate cancer cells. **2023**, 9, e14810 ○
- 31 Machine learning revealed a novel ferroptosis-based classification for diagnosis in antiretroviral therapy-treated HIV patients with defective immune recovery. ○
- 30 Mechanism of action of ferroptosis and its role in liver diseases. 66, ○
- 29 LncRNA CACNA1G-AS1 up-regulates FTH1 to inhibit ferroptosis and promote malignant phenotypes in ovarian cancer cells. **2023**, 31, 169-179 ○
- 28 Tanshinone IIA protects intestinal epithelial cells from ferroptosis through the upregulation of GPX4 and SLC7A11. **2023**, 47, 1107-1115 ○
- 27 Fe-dependent cellular alterations of oxidative balance in aquatic organisms. Could be ferroptosis involved?. **2023**, 47, 1177-1189 ○
- 26 Ferroptosis: Under pressure!. **2023**, 33, R269-R272 ○
- 25 Inhibitory Effects of Esculetin on Liver Cancer Through Triggering NCOA4 Pathway-Mediation Ferritinophagy in vivo and in vitro. Volume 10, 611-629 ○
- 24 Inorganic ion-sensitive imaging probes for biomedical applications. ○
- 23 Oxygen modulates iron homeostasis by switching iron-sensing of NCOA4. **2023**, 104701 ○
- 22 Dysfunction of the neurovascular unit in brain aging. **2023**, 37, 1 ○
- 21 Fe/Ni Layered Double Hydroxide Biocatalysts Inhibit Tumor Growth through ROS and Ferroptosis Signaling Pathway. **2023**, 142962 ○
- 20 Targeting ferroptosis as novel therapeutic approaches for epilepsy. 14, ○
- 19 High-frequency repetitive transcranial magnetic stimulation protects against cerebral ischemia/reperfusion injury in rats: Involving the mitigation of ferroptosis and inflammation. ○
- 18 Chiral Polymer Micelles Alleviate Adriamycin Cardiotoxicity via Iron Chelation and Ferroptosis Inhibition. ○
- 17 Renal tubule-targeted dexrazoxane suppresses ferroptosis in acute kidney injury by inhibiting ACMSD. ○
- 16 Oxidative Damage and Post-COVID Syndrome: A Cross-Sectional Study in a Cohort of Italian Workers. **2023**, 24, 7445 ○
- 15 Simultaneous Fe 2+ /Fe 3+ imaging shows Fe 3+ over Fe 2+ enrichment in Alzheimer's disease mouse brain. **2023**, 9, ○

- 14 Salidroside attenuates LPS-induced kidney injury through activation of SIRT1/Nrf2 pathway. **2023**, 42, 096032712311695
- 13 The roles of sirtuins in ferroptosis. 14,
- 12 A novel 25-ferroptosis-related gene signature for the prognosis of gliomas. 13,
- 11 Epigallocatechin-3-Gallate Alleviates Liver Oxidative Damage Caused by Iron Overload in Mice through Inhibiting Ferroptosis. **2023**, 15, 1993
- 10 Reduced sulfatide content in deferoxamine-induced senescent HepG2 cells. **2023**, 106419
- 9 Identification of Ferroptosis-Related Biomarkers for Diagnosis and Molecular Classification of Staphylococcus aureus-Induced Osteomyelitis. Volume 16, 1805-1823
- 8 Ferroptosis in cancer stem cells. **2023**, 245, 154492
- 7 ZNF8-miR-552-5p Axis Modulates ACSL4-Mediated Ferroptosis in Hepatocellular Carcinoma.
- 6 Hydrogen sulfide antagonizes formaldehyde-induced ferroptosis via preventing ferritinophagy by upregulation of GDF11 in HT22 cells. **2023**, 491, 153517
- 5 A gold nanoparticle engineered metal-organic framework nanoreactor for combined ferroptosis and mild photothermal therapy.
- 4 Protectin conjugates in tissue regeneration 1 alleviates sepsis-induced acute lung injury by inhibiting ferroptosis. **2023**, 21,
- 3 Ferroptosis inhibition shields house ear institute-organ of corti 1 cells from free fatty acids-induced inflammatory injuries. 1-11
- 2 Creatine kinase B suppresses ferroptosis by phosphorylating GPX4 through a moonlighting function. **2023**, 25, 714-725
- 1 Moderate Intensity of Treadmill Exercise Rescues TBI-Induced Ferroptosis, Neurodegeneration, and Cognitive Impairments via Suppressing STING Pathway.