

# CITATION REPORT

List of articles citing

## New perspectives on iron: an introduction

DOI: 10.1097/00000441-199910000-00001

American Journal of the Medical Sciences, 1999, 318, 207-12.

**Source:** <https://exaly.com/paper-pdf/85491690/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
74	Expression and distribution of heme oxygenase-1 and -2 in rat brown adipose tissue: the modulatory role of the noradrenergic system. <i>FEBS Letters</i> , <b>2000</b> , 487, 171-5	3.8	18
73	The possible crucial role of iron accumulation combined with low tryptophan, zinc and manganese in carcinogenesis. <i>Medical Hypotheses</i> , <b>2001</b> , 57, 539-43	3.8	20
72	Suppressive effects of bifidobacteria on lipid peroxidation in the colonic mucosa of iron-overloaded mice. <i>Journal of Dairy Science</i> , <b>2001</b> , 84, 1583-9	4	21
71	Iron overload, oxidative stress, and axonal dystrophy in brain disorders. <i>Pediatric Neurology</i> , <b>2001</b> , 25, 138-47	2.9	60
70	The roles of iron in health and disease. <i>Molecular Aspects of Medicine</i> , <b>2001</b> , 22, 1-87	16.7	475
69	Inflammation, Free Radicals, Glycation, Metabolism and Apoptosis, and Heavy Metals. <b>2001</b> , 349-371		2
68	Haptoglobin and CD163: captor and receptor gating hemoglobin to macrophage lysosomes. <i>Redox Report</i> , <b>2001</b> , 6, 386-8	5.9	43
67	Differentiation of Human U937 Promonocytic Cells is Impaired by Moderate Copper Deficiency. <i>Experimental Biology and Medicine</i> , <b>2001</b> , 226, 222-228	3.7	11
66	Serum suppresses myeloid progenitor apoptosis by regulating iron homeostasis. <i>Journal of Cellular Biochemistry</i> , <b>2001</b> , 82, 171-86	4.7	8
65	Desferri-exochelin induces death by apoptosis in human breast cancer cells but does not kill normal breast cells. <i>Breast Cancer Research and Treatment</i> , <b>2001</b> , 69, 69-79	4.4	35
64	Effect of olive oil- and corn oil-enriched diets on the tissue mineral content in mice. <i>Biological Trace Element Research</i> , <b>2001</b> , 82, 201-10	4.5	8
63	Iron chelation-induced senescence-like growth arrest in hepatocyte cell lines: association of transforming growth factor beta1 (TGF-beta1)-mediated p27Kip1 expression. <i>Biochemical Journal</i> , <b>2002</b> , 366, 613-21	3.8	64
62	Interactions of iron with reactive intermediates of oxygen and nitrogen. <i>Developmental Neuroscience</i> , <b>2002</b> , 24, 134-42	2.2	15
61	The major yolk protein in sea urchins is a transferrin-like, iron binding protein. <i>Developmental Biology</i> , <b>2002</b> , 245, 1-12	3.1	81
60	Iron deficiency anemia increases nitric oxide production in healthy adolescents. <i>Annals of Hematology</i> , <b>2002</b> , 81, 1-6	3	25
59	Iron in neurodegenerative disorders. <i>Neurotoxicity Research</i> , <b>2002</b> , 4, 637-653	4.3	31
58	Current knowledge of iron metabolism. <i>Biological Trace Element Research</i> , <b>2003</b> , 92, 189-212	4.5	13

57	Iron toxicity in organotypic cultures of hippocampal slices: role of reactive oxygen species. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 492-502	6	47
56	Peroxynitrite and nitric oxide differently target the iron-sulfur cluster and amino acid residues of human iron regulatory protein 1. <i>Biochemistry</i> , <b>2003</b> , 42, 7648-54	3.2	49
55	Selective transport and packaging of the major yolk protein in the sea urchin. <i>Developmental Biology</i> , <b>2003</b> , 261, 353-70	3.1	31
54	Genetic regulation of cell function in response to iron overload or chelation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2003</b> , 1619, 113-24	4	89
53	Signaling role of intracellular iron in NF-kappaB activation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 17646-54	5.4	130
52	Farinha de sangue tostada e dietas práticas para tilápia do Nilo ( <i>Oreochromis niloticus</i> L.). <i>Acta Scientiarum - Animal Sciences</i> , <b>2004</b> , 26, 5	0.3	1
51	Differentiation-dependent photodynamic therapy regulated by porphobilinogen deaminase in B16 melanoma. <i>British Journal of Cancer</i> , <b>2004</b> , 90, 1833-41	8.7	47
50	Desferoxamine (DFO)--mediated iron chelation: rationale for a novel approach to therapy for brain cancer. <i>Journal of Neuro-Oncology</i> , <b>2004</b> , 67, 367-77	4.8	61
49	Mitochondrial Dysfunction via Disruption of Complex II Activity during Iron Chelation Induced Senescence-like Growth Arrest of Chang Cells. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1011, 123-132	6.5	17
48	Pro-apoptotic signaling in neuronal cells following iron and amyloid beta peptide neurotoxicity. <i>Journal of Neurochemistry</i> , <b>2003</b> , 86, 114-25	6	40
47	Nutrition and Cutaneous Ulcers. <b>2005</b> , 223-239		
46	Iron affects the structure of cell membrane molecular models. <i>Chemistry and Physics of Lipids</i> , <b>2005</b> , 134, 69-77	3.7	19
45	Fluctuations of intracellular iron modulate elastin production. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 2341-51	5.4	26
44	Wound Healing and Ulcers of the Skin. <b>2005</b> ,		
43	Chronic iron overload enhances inducible nitric oxide synthase expression in rat liver. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2005</b> , 13, 54-61	5	40
42	Free radicals act as effectors in the growth inhibition and apoptosis of iron-treated Burkitt's lymphoma cells. <i>Free Radical Research</i> , <b>2006</b> , 40, 789-97	4	7
41	Polymers as Drugs. <i>Advances in Polymer Science</i> , <b>2006</b> , 9-58	1.3	32
40	Chapter 16 Minerals: functions, requirements, excessive intake and toxicity. <i>Biology of Growing Animals</i> , <b>2006</b> , 467-509		7

39	Phototherapy and malignancy: possible enhancement by iron administration and hyperbaric oxygen. <i>Medical Hypotheses</i> , <b>2006</b> , 67, 1148-58	3.8	7
38	Elastic fibres and vascular structure in hypertension. <b>2006</b> , 111, 771-91		183
37	Eisen (Fe). <b>2006</b> , 1-37		
36	The metastasis suppressor, NdrG-1: a new ally in the fight against cancer. <i>Carcinogenesis</i> , <b>2006</b> , 27, 2355-66	4.6	152
35	Tuning cell cycle regulation with an iron key. <i>Cell Cycle</i> , <b>2007</b> , 6, 1982-94	4.7	175
34	Biologically active polymeric sequestrants: Design, synthesis, and therapeutic applications. <i>Pure and Applied Chemistry</i> , <b>2007</b> , 79, 1521-1530	2.1	13
33	VDAC2 and aldolase A identified as membrane proteins of K562 cells with increased expression under iron deprivation. <i>Molecular and Cellular Biochemistry</i> , <b>2008</b> , 311, 225-31	4.2	9
32	Iron is a potential key mediator of glutamate excitotoxicity in spinal cord motor neurons. <i>Brain Research</i> , <b>2009</b> , 1257, 102-7	3.7	29
31	New aspects in photodynamic therapy of actinic keratoses. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2009</b> , 96, 159-69	6.7	19
30	Functional polymers as therapeutic agents: concept to market place. <i>Advanced Drug Delivery Reviews</i> , <b>2009</b> , 61, 1121-30	18.5	67
29	Biocorrosion properties and blood and cell compatibility of pure iron as a biodegradable biomaterial. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2010</b> , 21, 2151-63	4.5	100
28	The comparative study of serum iron, copper, and zinc levels between bladder cancer patients and a control group. <i>International Urology and Nephrology</i> , <b>2010</b> , 42, 89-93	2.3	41
27	Native and synthetic ferritins for nanobiomedical applications: recent advances and new perspectives. <i>Future Medicinal Chemistry</i> , <b>2010</b> , 2, 609-18	4.1	16
26	Modulation of inflammatory response after spinal cord trauma with deferoxamine, an iron chelator. <i>Free Radical Research</i> , <b>2010</b> , 44, 694-709	4	19
25	Enhancing the selectivity of an iron binding hydrogel. <i>European Polymer Journal</i> , <b>2011</b> , 47, 1485-1488	5.2	4
24	Response of urinary biomarkers of systemic oxidation to oral iron supplementation in healthy men. <i>Food and Nutrition Bulletin</i> , <b>2012</b> , 33, 53-62	1.8	2
23	Iron status in HIV-1 infection: implications in disease pathology. <i>BMC Clinical Pathology</i> , <b>2012</b> , 12, 26	3	19
22	Ferritin iron uptake and release in the presence of metals and metalloproteins: Chemical implications in the brain. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 2752-2764	23.2	41

21	The influence of micronutrients in cell culture: a reflection on viability and genomic stability. <i>BioMed Research International</i> , <b>2013</b> , 2013, 597282	3	55
20	Whey protein inhibits iron overload-induced oxidative stress in rats. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2013</b> , 59, 198-205	1.1	25
19	[Roles of bacterial and mammalian siderophores in host-pathogen interactions]. <i>Medecine/Sciences</i> , <b>2015</b> , 31, 756-63		0
18	Hepcidin-Dependent Regulation of Erythropoiesis during Anemia in a Teleost Fish, <i>Dicentrarchus labrax</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0153940	3.7	11
17	[Contrast agents for medical imaging: the examples of MRI and ultrasonography]. <i>Medecine/Sciences</i> , <b>2017</b> , 33, 18-24		0
16	A comparative study of the inhibitory effects by caffeic acid, catechins and their related compounds on the generation of radicals in the reaction mixture of linoleic acid with iron ions. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2017</b> , 60, 162-168	3.1	2
15	Chemodosimeters and chemoreactands for sensing ferric ions** Dedicated to Jerry Atwood on the occasion of his 75th BirthdayView all notes. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 353-383	1.8	6
14	Serum ferritin is a candidate biomarker of disease aggravation in amyotrophic lateral sclerosis. <i>Biomedical Reports</i> , <b>2018</b> , 9, 333-338	1.8	13
13	An AIE and ESIPT active Schiff base as colorimetric probe of Fe <sup>3+</sup> and turn-on fluorescent probe of Al <sup>3+</sup> : Experimental and theoretical studies. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 150918	2	8
12	Regulatory mechanism of ferroptosis, a new mode of cell death. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2019</b> , 17, 2309	0.8	
11	Bioactive compounds in sorghum. <i>European Food Research and Technology</i> , <b>2019</b> , 245, 1075-1080	3.4	29
10	Therapeutic applications of chelating drugs in iron metabolic disorders of the brain and retina. <i>Journal of Neuroscience Research</i> , <b>2020</b> , 98, 1889-1904	4.4	6
9	Effects of dietary iron level on growth performance, hematological status, and intestinal function in growing-finishing pigs. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	0
8	Particle-Associated Metals and Oxidative Stress in Signaling. <b>2006</b> , 161-181		1
7	Alterations in serum levels of trace element in patients with breast cancer before and after chemotherapy. <i>Caspian Journal of Internal Medicine</i> , <b>2018</b> , 9, 134-139	1	9
6	Trace Elements, Free Radicals, and HIV Progression. <i>Modern Nutrition</i> , <b>2000</b> , 23-39		
5	Mitochondrial dysfunction via disruption of complex II activity during iron chelation-induced senescence-like growth arrest of Chang cells. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1011, 123-32	6.5	10
4	Modulation of Gene Expression by Dietary Iron. <i>Oxidative Stress and Disease</i> , <b>2005</b> , 421-440		

3	Gallium Nanodroplets are Anti-Inflammatory without Interfering with Iron Homeostasis. <i>ACS Nano</i> ,	16.7	4
2	Iron Absorption: Factors, Limitations, and Improvement Methods. <i>ACS Omega</i> , <b>2022</b> , 7, 20441-20456	3.9	5
1	Hepcidin is upregulated and is a potential therapeutic target associated with immunity in glioma. 12,		0