

CITATION REPORT

List of articles citing

Iron absorption and transport

DOI: 10.1097/00000441-199910000-00002

American Journal of the Medical Sciences, 1999, 318, 213-29.

Source: <https://exaly.com/paper-pdf/85491692/citation-report.pdf>

Version: 2024-04-19

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
146	New Perspectives on Iron: An Introduction. <i>American Journal of the Medical Sciences</i> , 1999 , 318, 207-212	2.2	32
145	Regulation of mammalian iron homeostasis. 2000 , 3, 267-73		36
144	Iron absorption and transport-an update. 2000 , 64, 287-98		187
143	Disorders of iron metabolism. 2000 , 342, 1293; author reply 1294		41
142	Expression of the duodenal iron transporters divalent-metal transporter 1 and ferroportin 1 in iron deficiency and iron overload. 2001 , 120, 1412-9		243
141	Problèmes associés à l'usage de l'érythropoïétine en milieu sportif. 2001 , 16, 235-243		1
140	Hemochromatosis and iron therapy of Restless Legs Syndrome. 2001 , 2, 181-183		5
139	The roles of iron in health and disease. <i>Molecular Aspects of Medicine</i> , 2001 , 22, 1-87	16.7	475
138	Iron Absorption in Mammals with Particular Reference to Man. 191-206		2
137	Interactions between Iron and Other Metals. 285-312		1
136	Iron Homeostasis and Aluminium Toxicity. 2001 , 293-310		0
135	Involvement of the corporal mucosa and related changes in gastric acid secretion characterize patients with iron deficiency anaemia associated with Helicobacter pylori infection. 2001 , 15, 1753-61		51
134	Infection with Mycobacterium avium differentially regulates the expression of iron transport protein mRNA in murine peritoneal macrophages. 2001 , 69, 6618-24		28
133	HFE inhibits apical iron uptake by intestinal epithelial (Caco-2) cells. 2001 , 15, 1276-8		33
132	Possible use of spreads as a FOODlet for improving the diets of infants and young children. 2002 , 23, 239-43		17
131	Seeking candidate mutations that affect iron homeostasis. 2002 , 29, 471-87		74
130	Consequences of Helicobacter pylori infection on the absorption of micronutrients. 2002 , 34 Suppl 2, S72-7		44

129	Thalassemia: current approach to an old disease. 2002 , 49, 1165-91, v	35
128	Initial uptake and absorption of nonheme iron and absorption of heme iron in humans are unaffected by the addition of calcium as cheese to a meal with high iron bioavailability. 2002 , 76, 419-25	21
127	Regulation of transferrin-induced endocytosis by wild-type and C282Y-mutant HFE in transfected HeLa cells. 2002 , 282, C973-9	13
126	Iron and the redox status of the lungs. 2002 , 33, 1306-13	55
125	Hemopexin: The primary specific carrier of plasma heme*. 2002 , 30, 332-335	6
124	The heme-iron geometry of ferrous nitrosylated heme-serum lipoproteins, hemopexin, and albumin: a comparative EPR study. 2002 , 91, 487-90	41
123	Aluminium and iron in the brain—prospects for chelation. 2002 , 228, 365-371	22
122	Regulation of ferritin genes and protein. 2002 , 99, 3505-16	788
121	Current knowledge of iron metabolism. 2003 , 92, 189-212	13
120	Effects of iron(II) salts and iron(III) complexes on trace element status in children with iron-deficiency anemia. 2003 , 94, 79-86	10
119	DMT1: a mammalian transporter for multiple metals. 2003 , 16, 41-54	253
118	Iron deposition in skin of patients with haemochromatosis. 2003 , 210, 373-377	1
117	Determination of ferric heme-human serum albumin by ¹ H NMR relaxometry. 2003 , 95, 64-7	3
116	Heme and iron metabolism: role in cerebral hemorrhage. 2003 , 23, 629-52	363
115	Nutritive metal uptake in teleost fish. 2003 , 206, 11-23	344
114	The stomach and iron deficiency anaemia: a forgotten link. 2003 , 35, 288-95	62
113	Iron acquisition by teleost fish. 2003 , 135, 97-105	45
112	Desferrithiocin analogue based hexacoordinate iron(III) chelators. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 16-24	8.3 23

111	Real-time analysis of clathrin-mediated endocytosis during cell migration. 2003 , 116, 847-55	144
110	Waterborne iron acquisition by a freshwater teleost fish, zebrafish <i>Danio rerio</i> . 2003 , 206, 3529-35	36
109	Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with <i>Helicobacter pylori</i> gastritis and associated iron deficiency anaemia. 2003 , 52, 496-501	114
108	Mutations in the clathrin-assembly gene <i>Picalm</i> are responsible for the hematopoietic and iron metabolism abnormalities in <i>fit1</i> mice. 2003 , 100, 8360-5	51
107	The AP-2 complex is excluded from the dynamic population of plasma membrane-associated clathrin. 2003 , 278, 47357-60	56
106	An overview of iron metabolism: molecular and cellular criteria for the selection of iron chelators. 2003 , 10, 997-1004	36
105	High iron and low ascorbic acid concentrations in the dermis of atopic dermatitis patients. 2003 , 207, 261-4	22
104	Effects of iron regulatory protein regulation on iron homeostasis during hypoxia. 2003 , 102, 3404-11	76
103	Iron and ascorbic acid concentrations in human dermis with regard to age and body sites. 2003 , 49, 117-22	18
102	In vivo assessment of iron and ascorbic acid in psoriatic dermis. 2004 , 84, 2-5	14
101	Abnormally high serum ferritin levels among professional road cyclists. 2004 , 38, 704-8	22
100	Review article: is there a link between micronutrient malnutrition and <i>Helicobacter pylori</i> infection?. 2004 , 20, 1029-34	29
99	Nitrosylation of rabbit ferrous heme-hemopexin. 2004 , 9, 800-6	12
98	Low iron diet retards 12-O-tetradecanoyl phorbol-13-acetate-mediated tumor promotion in murine skin. 2004 , 78, 283-9	5
97	Transferrin receptor in serum. A new tool in the diagnosis and prevention of iron deficiency in blood donors. <i>Transfusion and Apheresis Science</i> , 2004 , 31, 11-6	2.4 17
96	Heme transport exhibits polarity in Caco-2 cells: evidence for an active and membrane protein-mediated process. 2004 , 287, G1150-7	37
95	Impact of the Lipophilicity of Desferrithiocin Analogues on Iron Clearance. 2005 , 366-383	
94	Iron absorption from concentrated hemoglobin hydrolysate by rat. <i>Journal of Nutritional Biochemistry</i> , 2005 , 16, 347-52	6.3 9

93	Hemoglobin and heme scavenging. 2005 , 57, 749-59		185
92	Iron uptake of the normoxic, anoxic and postanoxic microglial cell line RAW 264.7. 2005 , 24, 247-54		3
91	Soluble transferrin receptors and ferritin in Type 2 diabetic patients. 2005 , 22, 97-101		34
90	A model of lysosomal metabolism of dextran coated superparamagnetic iron oxide (SPIO) nanoparticles: implications for cellular magnetic resonance imaging. 2005 , 18, 383-9		281
89	Iron affects the structure of cell membrane molecular models. 2005 , 134, 69-77		19
88	Polyamine-vectored iron chelators: the role of charge. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4120-37	8.3	20
87	Metabolismo del hierro. 2005 , 3, 352-356		
86	Are we giving too much iron? Low-dose iron therapy is effective in octogenarians. 2005 , 118, 1142-7		133
85	Partition-variant desferrithiocin analogues: organ targeting and increased iron clearance. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 821-31	8.3	18
84	Chapter 16 Minerals: functions, requirements, excessive intake and toxicity. 2006 , 467-509		7
83	(S)-4,5-dihydro-2-(2-hydroxy-4-hydroxyphenyl)-4-methyl-4-thiazolecarboxylic acid polyethers: a solution to nephrotoxicity. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 2772-83	8.3	21
82	O ₂ -mediated oxidation of hemopexin-heme(II)-NO. 2006 , 345, 704-12		22
81	The design, synthesis, and evaluation of organ-specific iron chelators. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7032-43	8.3	20
80	Meat protein fractions enhance nonheme iron absorption in humans. 2006 , 136, 2808-12		74
79	The involvement of transferrin in the uptake of iron-59 by hepatocytes of carbon tetrachloride-damaged rats. 2006 , 29, 1387-90		3
78	Evaluation of recombinant human transferrin (DeltaFerrin(TM)) as an iron chelator in serum-free media for mammalian cell culture. 2006 , 51, 29-37		17
77	The effects of pH and the iron redox state on iron uptake in the intestine of a marine teleost fish, gulf toadfish (<i>Opsanus beta</i>). 2006 , 143, 292-8		18
76	Physicochemical properties of heme iron products in the Korean market. 2006 , 9, 231-6		2

75	Chloroquine inhibits <i>Paracoccidioides brasiliensis</i> survival within human monocytes by limiting the availability of intracellular iron. 2006 , 50, 307-14		15
74	The complete genome sequence of a chronic atrophic gastritis <i>Helicobacter pylori</i> strain: evolution during disease progression. 2006 , 103, 9999-10004		204
73	Escape Mechanisms from the Immune Response. 2007 , 429-442		2
72	Recent Advances in the Treatment of <i>Helicobacter pylori</i> Infection. 2007 , 2, 197-205		3
71	The regulation of cellular iron metabolism. 2007 , 44, 413-59		116
70	Childhood <i>Helicobacter pylori</i> infection and growth impairment in developing countries: a vicious cycle?. 2007 , 119, e754-9		59
69	Impact of the 3,6,9-trioxadecyloxy group on desazadesferrithiocin analogue iron clearance and organ distribution. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3302-13	8.3	14
68	Chloroquine is therapeutic in murine experimental model of paracoccidioidomycosis. 2007 , 50, 133-43		9
67	Brain iron pathways and their relevance to Parkinson's disease. 2001 , 79, 225-36		275
66	<i>Helicobacter pylori</i> infection and iron stores: a systematic review and meta-analysis. 2008 , 13, 323-40		136
65	Desferrithiocin analogues and nephrotoxicity. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 5993-6004	8.3	13
64	Design, synthesis, and testing of non-nephrotoxic desazadesferrithiocin polyether analogues. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3913-23	8.3	18
63	Early iron deficiency produces persistent damage to visual tracts in Wistar rats. 2008 , 11, 283-9		12
62	The pig as an experimental model for elucidating the mechanisms governing dietary influence on mineral absorption. 2008 , 233, 651-64		173
61	The importance of iron in long-term survival of maintenance hemodialysis patients treated with epoetin-alfa and intravenous iron: analysis of 9.5 years of prospectively collected data. 2009 , 10, 6		19
60	Relationship between iron-deficiency anemia and periodontal status in female patients. 2009 , 80, 1750-5		23
59	Transferrin secretory pathways in rat parotid acinar cells. 2009 , 487, 131-8		13
58	Maternal Hb during pregnancy and offspring's educational achievement: a prospective cohort study over 30 years. 2010 , 104, 1363-8		16

57	Allostery in a monomeric protein: the case of human serum albumin. 2010 , 148, 16-22		131
56	HEME IRON POLYPEPTIDE POLYMER WITH HIGH IRON CONTENT AS AN IDEAL IRON SUPPLEMENT. 2010 , 34, no-no		1
55	Trichomoniasis. 2010 , 30, 213		1
54	Lyophilization decreases the formation of dialyzable iron by extraction and digestion of chicken breast muscle. <i>International Journal of Food Sciences and Nutrition</i> , 2011 , 62, 397-403	3-7	4
53	Hereditary hemochromatosis of tongue. 2011 , 111, e1-5		4
52	Iron. 2011 , 31, 201-251		10
51	The value of routine ferritin measurement in blood donors. 2011 , 51, 2183-8		51
50	Regulation of iron pathways in response to hypoxia. 2011 , 50, 645-66		79
49	Desferrithiocin analogue iron chelators: iron clearing efficiency, tissue distribution, and renal toxicity. 2011 , 24, 239-58		25
48	Effect of dietary protein on heme iron uptake by Caco-2 cells. 2011 , 50, 637-43		11
47	Iron homeostasis and disorders in dogs and cats: a review. 2011 , 47, 151-60		34
46	Heating chicken breast muscle reduces the amount of dialyzable iron after extraction and digestion. <i>International Journal of Food Sciences and Nutrition</i> , 2012 , 63, 332-7	3-7	1
45	Substituent effects on desferrithiocin and desferrithiocin analogue iron-clearing and toxicity profiles. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 7090-103	8.3	10
44	Human serum albumin: from bench to bedside. <i>Molecular Aspects of Medicine</i> , 2012 , 33, 209-90	16.7	964
43	Adverse events and safety issues in blood donation--a comprehensive review. <i>Blood Reviews</i> , 2012 , 26, 33-42	11.1	53
42	Dietary iron effects on broiler breeder performance and egg iron contents. <i>Animal Feed Science and Technology</i> , 2012 , 178, 67-73	3	15
41	High-fat diet causes iron deficiency via hepcidin-independent reduction of duodenal iron absorption. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1600-8	6.3	80
40	Coordination of hypoxia adaptation and iron homeostasis in human pathogenic fungi. <i>Frontiers in Microbiology</i> , 2012 , 3, 381	5.7	24

39	Predictors of low haematocrit among repeat donors in S Paulo, Brazil: eleven year longitudinal analysis. <i>Transfusion and Apheresis Science</i> , 2013 , 49, 553-9	2.4	8
38	Supramolecular chemosensor for selective detection of iron in aqueous medium. <i>Supramolecular Chemistry</i> , 2013 , 25, 798-805	1.8	6
37	Advances and drawbacks of the adaptation to serum-free culture of CHO-K1 cells for monoclonal antibody production. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 1279-91	3.2	22
36	The impact of cell adaptation to serum-free conditions on the glycosylation profile of a monoclonal antibody produced by Chinese hamster ovary cells. <i>New Biotechnology</i> , 2013 , 30, 563-72	6.4	15
35	Iron absorption following a single oral dose of ferrous sulfate or ferric gluconate in patients with gastrectomy. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 55-9	4.5	5
34	Cooking Chicken Breast Reduces Dialyzable Iron Resulting from Digestion of Muscle Proteins. <i>International Journal of Food Science</i> , 2014 , 2014, 345751	3.4	2
33	Extraintestinal manifestations of Helicobacter pylori: a concise review. <i>World Journal of Gastroenterology</i> , 2014 , 20, 11950-61	5.6	43
32	Iron in Restless Legs Syndrome. <i>Movement Disorders Clinical Practice</i> , 2014 , 1, 161-172	2.2	2
31	Relationship between socioeconomic status and anemia prevalence in adolescent girls based on the fourth and fifth Korea National Health and Nutrition Examination Surveys. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 253-8	5.2	26
30	Iron(III)-Selective Chelation-Enhanced Fluorescence Sensing for In Vivo Imaging Applications. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1898-902	4.5	14
29	Metabolically programmed iron chelators. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5954-71	3.4	3
28	A highly selective dual mode detection of Fe ³⁺ ion sensing based on 1,5-dihydroxyanthraquinone in the presence of β -cyclodextrin. <i>Materials Science and Engineering C</i> , 2015 , 48, 94-102	8.3	20
27	Extraintestinal Manifestations in Helicobacter pylori Infection [Iron Deficiency Anemia and Helicobacter pylori. 2016 ,		
26	Hepcidin-Dependent Regulation of Erythropoiesis during Anemia in a Teleost Fish, <i>Dicentrarchus labrax</i> . <i>PLoS ONE</i> , 2016 , 11, e0153940	3.7	11
25	Novel iron-containing phosphate binders and anemia treatment in CKD: oral iron intake revisited. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 1588-94	4.3	20
24	Gender difference in relationship between serum ferritin and 25-hydroxyvitamin D in Korean adults. <i>PLoS ONE</i> , 2017 , 12, e0177722	3.7	8
23	The association between serum ferritin and 25-hydroxyvitamin D and metabolic syndrome in Korean women: the Korea National Health and Nutrition Examination Survey 2010-2012. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017 , 61, 60-66	3.1	5
22	Improved performance of <i>Pseudomonas aeruginosa</i> catalyzed MFCs with graphite/polyester composite electrodes doped with metal ions for azo dye degradation. <i>Chemical Engineering Journal</i> , 2018 , 343, 258-269	14.7	38

21	Disorders of Iron Overload. 2018 , 275-307		1
20	Gender difference in the relationship between the ferritin and homeostasis model assessment of insulin resistance in non-diabetic Korean adults. <i>PLoS ONE</i> , 2018 , 13, e0199465	3.7	2
19	Applications of Metals for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	85
18	Bacteria-assisted biogreen synthesis of radical scavenging exopolysaccharide-iron complexes: an oral nano-sized nutritional supplement with high in vivo compatibility. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5211-5221	7.3	1
17	The development of low-calorie sugar and functional jujube food using biological transformation and fermentation coupling technology. <i>Food Science and Nutrition</i> , 2019 , 7, 1302-1310	3.2	9
16	Magnitude of elevated iron stores and risk associated in steady state sickle cell anemia Congolese children: a cross sectional study. <i>BMC Hematology</i> , 2019 , 19, 3	2.5	3
15	Iron Acquisition in Mycobacterium tuberculosis. <i>Chemical Reviews</i> , 2019 , 119, 1193-1220	68.1	50
14	Iron polymaltose complexes: Could we spot physicochemical differences in medicines sharing the same active pharmaceutical ingredient?. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 143, 105180 ^{5,1}		
13	Mitophagy and iron: two actors sharing the stage in age-associated neuronal pathologies. <i>Mechanisms of Ageing and Development</i> , 2020 , 188, 111252	5.6	3
12	Radiological evaluations of low cost wollastonite nano-ceramics graft doped with iron oxide in the treatment of induced defects in canine mandible. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 109, 1029	3.5	5
11	A review of biomimetic scaffolds for bone regeneration: Toward a cell-free strategy. <i>Bioengineering and Translational Medicine</i> , 2021 , 6, e10206	14.8	18
10	Common Pitfalls in the Management of Patients with Micronutrient Deficiency: Keep in Mind the Stomach. <i>Nutrients</i> , 2021 , 13,	6.7	4
9	Uptake of Elements from a Biological Point of View. 2013 , 101-127		1
8	Genes that modify the hemochromatosis phenotype in mice. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1209-16	15.9	182
7	Iron intake and cardiovascular disease. 2004 , 99-125		1
6	<i>Trichomonas vaginalis</i> and trichomoniasis in the Republic of Korea. <i>Korean Journal of Parasitology</i> , 2006 , 44, 101-16	1.7	22
5	Iron Chelators and Therapeutic Uses. 2003 , 480-561		
4	Divalent metal transporter DMT1 (SLC11A2). 2003 , 107-122		

- 3 The protective role of transferrin in Müller glial cells after iron-induced toxicity. *Molecular Vision*, **2008**, 14, 928-41 2.3 20
- 2 Postgastrectomy syndrome. **2022**, 2, 17
- 1 Pernicious Anemia: The Hematological Presentation of a Multifaceted Disorder Caused by Cobalamin Deficiency.. *Nutrients*, **2022**, 14, 6.7 0