Elizabeta Nemeth

List of Publications by Year
in descending order

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Version: 2024-02-01

200 papers	30,326 citations	4942 84 h-index	4628 170 g-index
208 all docs	208 docs citations	208 times ranked	16348 citing authors

#	Article	IF	Citations
1	Hepcidin Regulates Cellular Iron Efflux by Binding to Ferroportin and Inducing Its Internalization. Science, 2004, 306, 2090-2093.	6.0	4,042
2	IL-6 mediates hypoferremia of inflammation by inducing the synthesis of the iron regulatory hormone hepcidin. Journal of Clinical Investigation, 2004, 113, 1271-1276.	3.9	1,809
3	Hepcidin, a putative mediator of anemia of inflammation, is a type II acute-phase protein. Blood, 2003, 101, 2461-2463.	0.6	1,245
4	IL-6 mediates hypoferremia of inflammation by inducing the synthesis of the iron regulatory hormone hepcidin. Journal of Clinical Investigation, 2004, 113, 1271-1276.	3.9	1,184
5	Hepcidin and iron homeostasis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1434-1443.	1.9	947
6	Mutations in HFE2 cause iron overload in chromosome 1qâ€“linked juvenile hemochromatosis. Nature Genetics, 2004, 36, 77-82.	9.4	900
7	Identification of erythroferrone as an erythroid regulator of iron metabolism. Nature Genetics, 2014, 46, 678-684.	9.4	890
8	Regulation of Iron Metabolism by Hepcidin. Annual Review of Nutrition, 2006, 26, 323-342.	4.3	653
9	Immunoassay for human serum hepcidin. Blood, 2008, 112, 4292-4297.	0.6	605
10	Iron homeostasis in host defence and inflammation. Nature Reviews Immunology, 2015, 15, 500-510.	10.6	593
11	The Role of Hepcidin in Iron Metabolism. Acta Haematologica, 2009, 122, 78-86.	0.7	477
12	Ironing out Ferroportin. Cell Metabolism, 2015, 22, 777-787.	7.2	474
13	Time-course analysis of hepcidin, serum iron, and plasma cytokine levels in humans injected with LPS. Blood, 2005, 106, 1864-1866.	0.6	459
14	Hepcidin and Disorders of Iron Metabolism. Annual Review of Medicine, 2011, 62, 347-360.	5.0	404
15	The Molecular Mechanism of Hepcidin-mediated Ferroportin Down-Regulation. Molecular Biology of the Cell, 2007, 18, 2569-2578.	0.9	393
16	Hepcidin in iron overload disorders. Blood, 2005, 105, 4103-4105.	0.6	387
17	Hepcidin is decreased in TFR2 hemochromatosis. Blood, 2005, 105, 1803-1806.	0.6	368
18	Detection, evaluation, and management of iron-restricted erythropoiesis. Blood, 2010, 116, 4754-4761.	0.6	350

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19	Liver iron concentrations and urinary hepcidin in Â-thalassemia. Haematologica, 2007, 92, 583-588.	1.7	339
20	Anemia of Inflammation. Hematology/Oncology Clinics of North America, 2014, 28, 671-681.	0.9	321
21	Hepcidin in the diagnosis of iron disorders. Blood, 2016, 127, 2809-2813.	0.6	309
22	Regulation of the Iron Homeostatic Hormone Hepcidin. Advances in Nutrition, 2017, 8, 126-136.	2.9	289
23	Iron Sequestration and Anemia of Inflammation. Seminars in Hematology, 2009, 46, 387-393.	1.8	283
24	Hepcidinâ€"A Potential Novel Biomarker for Iron Status in Chronic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1051-1056.	2.2	279
25	Synthetic hepcidin causes rapid dose-dependent hypoferremia and is concentrated in ferroportin-containing organs. Blood, 2005, 106, 2196-2199.	0.6	274
26	Iron imports. IV. Hepcidin and regulation of body iron metabolism. American Journal of Physiology - Renal Physiology, 2006, 290, G199-G203.	1.6	269
27	Hepcidin-Induced Endocytosis of Ferroportin Is Dependent on Ferroportin Ubiquitination. Cell Metabolism, 2012, 15, 918-924.	7.2	261
28	Erythroferrone contributes to hepcidin suppression and iron overload in a mouse model of Î²-thalassemia. Blood, 2015, 126, 2031-2037.	0.6	245
29	The N-terminus of hepcidin is essential for its interaction with ferroportin: structure-function study. Blood, 2006, 107, 328-333.	0.6	238
30	Iron transferrin regulates hepcidin synthesis in primary hepatocyte culture through hemojuvelin and BMP2/4. Blood, 2007, 110, 2182-2189.	0.6	235
31	Structure-function analysis of ferroportin defines the binding site and an alternative mechanism of action of hepcidin. Blood, 2018, 131, 899-910.	0.6	230
32	Iron homeostasis during pregnancy. American Journal of Clinical Nutrition, 2017, 106, 1567S-1574S.	2.2	213
33	The molecular basis of ferroportin-linked hemochromatosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8955-8960.	3.3	210
34	Hepcidin-Ferroportin Interaction Controls Systemic Iron Homeostasis. International Journal of Molecular Sciences, 2021, 22, 6493.	1.8	205
35	Evidence for distinct pathways of hepcidin regulation by acute and chronic iron loading in mice. Hepatology, 2011, 53, 1333-1341.	3.6	203
36	Hepcidin as a therapeutic tool to limit iron overload and improve anemia in Î²-thalassemic mice. Journal of Clinical Investigation, 2010, 120, 4466-4477.	3.9	202

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37	Minihepcidins are rationally designed small peptides that mimic hepcidin activity in mice and may be useful for the treatment of iron overload. Journal of Clinical Investigation, 2011, 121, 4880-4888.	3.9	198
38	Hepcidin-Induced Hypoferremia Is a Critical Host Defense Mechanism against the Siderophilic Bacterium Vibrio vulnificus. Cell Host and Microbe, 2015, 17, 47-57.	5.1	194
39	Proinflammatory state, hepcidin, and anemia in older persons. Blood, 2010, 115, 3810-3816.	0.6	191
40	Regulation of iron acquisition and iron distribution in mammals. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 690-699.	1.9	189
41	Minihepcidins prevent iron overload in a hepcidin-deficient mouse model of severe hemochromatosis. Blood, 2012, 120, 3829-3836.	0.6	184
42	Hepcidin excess induces the sequestration of iron and exacerbates tumor-associated anemia. Blood, 2005, 105, 1797-1802.	0.6	179
43	Hepcidin levels in humans are correlated with hepatic iron stores, hemoglobin levels, and hepatic function. Blood, 2005, 106, 746-748.	0.6	170
44	Hepcidin and Host Defense against Infectious Diseases. PLoS Pathogens, 2015, 11, e1004998.	2.1	163
45	Urinary hepcidin in congenital chronic anemias. Pediatric Blood and Cancer, 2007, 48, 57-63.	0.8	157
46	Iron regulation and erythropoiesis. Current Opinion in Hematology, 2008, 15, 169-175.	1.2	152
47	The molecular basis of hepcidin-resistant hereditary hemochromatosis. Blood, 2009, 114, 437-443.	0.6	149
48	Impaired intestinal iron absorption in CrohnÊ¼s disease correlates with disease activity and markers of inflammation. Inflammatory Bowel Diseases, 2006, 12, 1101-1106.	0.9	148
49	Reduced serum hepcidin levels in patients with chronic hepatitis C. Journal of Hepatology, 2009, 51, 845-852.	1.8	148
50	Testosterone administration inhibits hepcidin transcription and is associated with increased iron incorporation into red blood cells. Aging Cell, 2013, 12, 280-291.	3.0	147
51	New insights into iron regulation and erythropoiesis. Current Opinion in Hematology, 2015, 22, 199-205.	1.2	142
52	Blunted hepcidin response to oral iron challenge in HFE-related hemochromatosis. Blood, 2007, 110, 4096-4100.	0.6	139
53	Hepatic hepcidin/intestinal HIF-2Î± axis maintains iron absorption during iron deficiency and overload. Journal of Clinical Investigation, 2018, 129, 336-348.	3.9	138
54	Erythroferrone contributes to recovery from anemia of inflammation. Blood, 2014, 124, 2569-2574.	0.6	132

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55	Elevated Systemic Hepcidin and Iron Depletion in Obese Premenopausal Females. Obesity, 2010, 18, 1449-1456.	1.5	131
56	Hepcidin and Iron Homeostasis during Pregnancy. Nutrients, 2014, 6, 3062-3083.	1.7	129
57	Novel urine hepcidin assay by mass spectrometry. Blood, 2005, 106, 3268-3270.	0.6	125
58	Molecular Mechanism of Hepcidin-Mediated Ferroportin Internalization Requires Ferroportin Lysines, Not Tyrosines or JAK-STAT. Cell Metabolism, 2012, 15, 905-917.	7.2	124
59	Iron Balance and the Role of Hepcidin in Chronic Kidney Disease. Seminars in Nephrology, 2016, 36, 87-93.	0.6	124
60	Minihepcidin peptides as disease modifiers in mice affected by Î²-thalassemia and polycythemia vera. Blood, 2016, 128, 265-276.	0.6	123
61	The pathophysiology and pharmacology of hepcidin. Trends in Pharmacological Sciences, 2014, 35, 155-161.	4.0	122
62	In anemia of multiple myeloma, hepcidin is induced by increased bone morphogenetic protein 2. Blood, 2010, 116, 3635-3644.	0.6	120
63	The Hepcidin-Ferroportin System as a Therapeutic Target in Anemias and Iron Overload Disorders. Hematology American Society of Hematology Education Program, 2011, 2011, 538-542.	0.9	120
64	A mouse model of anemia of inflammation: complex pathogenesis with partial dependence on hepcidin. Blood, 2014, 123, 1129-1136.	0.6	119
65	Effects of maternal iron status on placental and fetal iron homeostasis. Journal of Clinical Investigation, 2019, 130, 625-640.	3.9	119
66	Rethinking Iron Regulation and Assessment in Iron Deficiency, Anemia of Chronic Disease, and Obesity: Introducing Hepcidin. Journal of the Academy of Nutrition and Dietetics, 2012, 112, 391-400.	0.4	118
67	Molecular liaisons between erythropoiesis and iron metabolism. Blood, 2014, 124, 479-482.	0.6	111
68	Disordered hepcidinâ€“ferroportin signaling promotes breast cancer growth. Cellular Signalling, 2014, 26, 2539-2550.	1.7	108
69	Iron-regulatory protein hepcidin is increased in female athletes after a marathon. European Journal of Applied Physiology, 2005, 95, 569-571.	1.2	107
70	Iron Metabolism: Interactions with Normal and Disordered Erythropoiesis. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a011668-a011668.	2.9	105
71	Endogenous hepcidin and its agonist mediate resistance to selected infections by clearing nonâ€“transferrin-bound iron. Blood, 2017, 130, 245-257.	0.6	105
72	Immunoassay for human serum erythroferrone. Blood, 2017, 130, 1243-1246.	0.6	104

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73	Controversies in optimal anemia management: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2021, 99, 1280-1295.	2.6	103
74	Manipulation of the hepcidin pathway for therapeutic purposes. Haematologica, 2013, 98, 1667-1676.	1.7	101
75	Functional properties of human ferroportin, a cellular iron exporter reactive also with cobalt and zinc. American Journal of Physiology - Cell Physiology, 2014, 306, C450-C459.	2.1	101
76	Involvement of Hepcidin in the Anemia of Multiple Myeloma. Clinical Cancer Research, 2008, 14, 3262-3267.	3.2	99
77	Hepcidin Induction by Pathogens and Pathogen-Derived Molecules Is Strongly Dependent on Interleukin-6. Infection and Immunity, 2014, 82, 745-752.	1.0	99
78	Hepcidin and iron-loading anemias. Haematologica, 2006, 91, 727-32.	1.7	95
79	Excess Adiposity, Inflammation, and Iron-Deficiency in Female Adolescents. Journal of the American Dietetic Association, 2009, 109, 297-302.	1.3	93
80	Erythropoietin stimulates murine and human fibroblast growth factor-23, revealing novel roles for bone and bone marrow. Haematologica, 2017, 102, e427-e430.	1.7	93
81	Hepcidin and iron-related gene expression in subjects with Dysmetabolic Hepatic Iron Overload. Journal of Hepatology, 2008, 49, 123-133.	1.8	92
82	Soluble hemojuvelin is released by proprotein convertase-mediated cleavage at a conserved polybasic RNRR site. Blood Cells, Molecules, and Diseases, 2008, 40, 122-131.	0.6	91
83	Hepcidin agonists as therapeutic tools. Blood, 2018, 131, 1790-1794.	0.6	91
84	Inhibition of hepcidin transcription by growth factors. Hepatology, 2012, 56, 291-299.	3.6	88
85	Reduction of Serum Hepcidin by Hemodialysis in Pediatric and Adult Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1010-1014.	2.2	86
86	Decreased Serum Hepcidin and Improved Functional Iron Status 6 Months After Restrictive Bariatric Surgery. Obesity, 2010, 18, 2010-2016.	1.5	85
87	Iron absorption in dysmetabolic iron overload syndrome is decreased and correlates with increased plasma hepcidin. Journal of Hepatology, 2009, 50, 1219-1225.	1.8	79
88	Serum hepcidin as a diagnostic test of iron deficiency in premenopausal female blood donors. Haematologica, 2011, 96, 1099-1105.	1.7	75
89	Effects of erythropoietin on fibroblast growth factor 23 in mice and humans. Nephrology Dialysis Transplantation, 2019, 34, 2057-2065.	0.4	73
90	Fetal membrane distention. American Journal of Obstetrics and Gynecology, 2000, 182, 50-59.	0.7	71

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91	A time course of hepcidin response to iron challenge in patients with HFE and TFR2 hemochromatosis. Haematologica, 2011, 96, 500-506.	1.7	70
92	Hepcidin in Î²â€thalassemia. Annals of the New York Academy of Sciences, 2010, 1202, 31-35.	1.8	69
93	Hereditary hemochromatosis due to resistance to hepcidin: high hepcidin concentrations in a family with C326S ferroportin mutation. Blood, 2009, 114, 493-494.	0.6	68
94	Targeting the Hepcidin-Ferroportin Axis in the Diagnosis and Treatment of Anemias. Advances in Hematology, 2010, 2010, 1-9.	0.6	67
95	High-Throughput Screening of Small Molecules Identifies Hepcidin Antagonists. Molecular Pharmacology, 2013, 83, 681-690.	1.0	67
96	Placental iron transport: The mechanism and regulatory circuits. Free Radical Biology and Medicine, 2019, 133, 254-261.	1.3	67
97	Hepcidin-mediated iron sequestration protects against bacterial dissemination during pneumonia. JCI Insight, 2017, 2, e92002.	2.3	67
98	Fetal membrane distention. American Journal of Obstetrics and Gynecology, 2000, 182, 60-67.	0.7	65
99	Hepcidin and iron disorders: new biology and clinical approaches. International Journal of Laboratory Hematology, 2015, 37, 92-98.	0.7	58
100	A variant erythroferrone disrupts iron homeostasis in SF3B1 -mutated myelodysplastic syndrome. Science Translational Medicine, 2019, 11, .	5.8	55
101	Primary iron overload with inappropriate hepcidin expression in V162del ferroportin disease. Hepatology, 2005, 42, 466-472.	3.6	54
102	Measurement of urinary hepcidin levels by SELDI-TOF-MS in HFE-hemochromatosis. Blood Cells, Molecules, and Diseases, 2008, 40, 347-352.	0.6	54
103	Hepcidin is a key mediator of anemia of inflammation in Crohn's disease. Journal of Crohn's and Colitis, 2013, 7, e286-e291.	0.6	54
104	Effects of dietary iron intake and chronic kidney disease on fibroblast growth factor 23 metabolism in wild-type and hepcidin knockout mice. American Journal of Physiology - Renal Physiology, 2016, 311, F1369-F1377.	1.3	54
105	Understanding the Structure/Activity Relationships of the Iron Regulatory Peptide Hepcidin. Chemistry and Biology, 2011, 18, 336-343.	6.2	50
106	Calcium is an essential cofactor for metal efflux by the ferroportin transporter family. Nature Communications, 2018, 9, 3075.	5.8	47
107	Total Synthesis of Human Hepcidin through Regioselective Disulfideâ€Bond Formation by using the Safetyâ€Catch Cysteine Protecting Group 4,4â€²â€Dimethylsulfinylbenzhydryl. Angewandte Chemie - International Edition, 2014, 53, 2931-2934.	7.2	46
108	Hepcidin Protects against Lethal Escherichia coli Sepsis in Mice Inoculated with Isolates from Septic Patients. Infection and Immunity, 2018, 86, .	1.0	46

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109	Cellular Catabolism of the Iron-Regulatory Peptide Hormone Hepcidin. PLoS ONE, 2013, 8, e58934.	1.1	45
110	Testing the Iron Hypothesis in a Mouse Model of Atherosclerosis. Cell Reports, 2013, 5, 1436-1442.	2.9	44
111	Molecular and clinical correlates in iron overload associated with mutations in ferroportin. Haematologica, 2006, 91, 1092-5.	1.7	43
112	Effects of plasma transfusion on hepcidin production in human congenital hypotransferrinemia. Haematologica, 2007, 92, 1407-1410.	1.7	41
113	Therapeutic recommendations in HFE hemochromatosis for p.Cys282Tyr (C282Y/C282Y) homozygous genotype. Hepatology International, 2018, 12, 83-86.	1.9	41
114	Increased gene copy number of DEFA1/DEFA3 worsens sepsis by inducing endothelial pyroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3161-3170.	3.3	41
115	Levels of the erythropoietin-responsive hormone erythroferrone in mice and humans with chronic kidney disease. Haematologica, 2018, 103, e141-e142.	1.7	38
116	Maternal hepcidin determines embryo iron homeostasis in mice. Blood, 2020, 136, 2206-2216.	0.6	37
117	Î±1-Acid glycoprotein, hepcidin, C-reactive protein, and serum ferritin are correlated in anemic schoolchildren with Schistosoma haematobium. American Journal of Clinical Nutrition, 2010, 91, 1784-1790.	2.2	35
118	Small cyclic agonists of iron regulatory hormone hepcidin. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4961-4969.	1.0	35
119	Iron homeostasis in pregnancy and spontaneous abortion. American Journal of Hematology, 2019, 94, 184-188.	2.0	33
120	Intravenous Iron Does Not Augment the Hemoglobin Mass Response to Simulated Hypoxia. Medicine and Science in Sports and Exercise, 2018, 50, 1669-1678.	0.2	32
121	Iron in Lung Pathology. Pharmaceuticals, 2019, 12, 30.	1.7	32
122	Daily regulation of serum and urinary hepcidin is not influenced by submaximal cycling exercise in humans with normal iron metabolism. European Journal of Applied Physiology, 2009, 106, 435-443.	1.2	31
123	Hepcidin and Î²-thalassemia major. Blood, 2013, 122, 3-4.	0.6	30
124	Urinary hepcidin excretion in patients with myelodysplastic syndrome and myelofibrosis. British Journal of Haematology, 2008, 142, 669-671.	1.2	29
125	A competitive enzyme-linked immunosorbent assay specific for murine hepcidin-1: correlation with hepatic mRNA expression in established and novel models of dysregulated iron homeostasis. Haematologica, 2015, 100, 167-177.	1.7	28
126	Questions and answers on iron deficiency treatment selection and the use of intravenous iron in routine clinical practice. Annals of Medicine, 2021, 53, 274-285.	1.5	28

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127	Vaccine efficacy and iron deficiency: an intertwined pair?. Lancet Haematology,the, 2021, 8, e666-e669.	2.2	28
128	Thiol-derivatized minihepcidins retain biological activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 763-766.	1.0	26
129	Evidence that the expression of transferrin receptor 1 on erythroid marrow cells mediates hepcidin suppression in the liver. Experimental Hematology, 2015, 43, 469-478.e6.	0.2	25
130	Erythroferrone and matriptaseâ€2 independently regulate hepcidin expression. American Journal of Hematology, 2017, 92, E61-E63.	2.0	25
131	Single versus Split Dose of Iron Optimizes Hemoglobin Mass Gains at 2106 m Altitude. Medicine and Science in Sports and Exercise, 2019, 51, 751-759.	0.2	25
132	Hepcidin response to acute iron intake and chronic iron loading in dysmetabolic iron overload syndrome. Liver International, 2011, 31, 994-1000.	1.9	24
133	Mechanisms responsible for reduced erythropoiesis during androgen deprivation therapy in men with prostate cancer. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E1185-E1193.	1.8	24
134	Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. JCI Insight, 2020, 5, .	2.3	24
135	Erythroferrone is not required for the glucoregulatory and hematologic effects of chronic erythropoietin treatment in mice. Physiological Reports, 2018, 6, e13890.	0.7	23
136	Hepcidin level predicts hemoglobin concentration in individuals undergoing repeated phlebotomy. Haematologica, 2013, 98, 1324-1330.	1.7	21
137	Mouse Models of Anemia of Cancer. PLoS ONE, 2014, 9, e93283.	1.1	21
138	DMT1 mutation: response of anemia to darbepoetin administration and implications for iron homeostasis. Blood, 2006, 108, 404-405.	0.6	20
139	Anti-hepcidin therapy for iron-restricted anemias. Blood, 2013, 122, 2929-2931.	0.6	20
140	Integrated regulation of stress responses, autophagy and survival by altered intracellular iron stores. Redox Biology, 2022, 55, 102407.	3.9	19
141	The hepcidin regulator erythroferrone is a new member of the erythropoiesis-iron-bone circuitry. ELife, 2021, 10, .	2.8	18
142	Erythroid overproduction of erythroferrone causes iron overload and developmental abnormalities in mice. Blood, 2022, 139, 439-451.	0.6	18
143	Increased serum hepcidin contributes to the anemia of chronic kidney disease in a murine model. Haematologica, 2017, 102, e85-e88.	1.7	17
144	In a Mouse Model of Sepsis, Hepcidin Ablation Ameliorates Anemia More Effectively than Iron and Erythropoietin Treatment. Shock, 2017, 48, 490-497.	1.0	17

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145	Umbilical Cord Serum Ferritin Concentration is Inversely Associated with Umbilical Cord Hemoglobin in Neonates Born to Adolescents Carrying Singletons and Women Carrying Multiples. Journal of Nutrition, 2019, 149, 406-415.	1.3	17
146	The Aftermath of Surviving Acute Radiation Hematopoietic Syndrome and its Mitigation. Radiation Research, 2019, 191, 323.	0.7	17
147	Human defensin-inspired discovery of peptidomimetic antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117283119.	3.3	16
148	Subcutaneous Adipose Tissue from Obese and Lean Adults Does Not Release HepcidinIn Vivo. Scientific World Journal, The, 2011, 11, 2197-2206.	0.8	15
149	Systemic and tumor level iron regulation in men with colorectal cancer: a case control study. Nutrition and Metabolism, 2014, 11, 21.	1.3	14
150	Iron loading induces cholesterol synthesis and sensitizes endothelial cells to TNFÎ±-mediated apoptosis. Journal of Biological Chemistry, 2021, 297, 101156.	1.6	14
151	IRON HOMEOSTASIS AND ITS DISORDERS IN MICE AND MEN: POTENTIAL LESSONS FOR RHINOS. Journal of Zoo and Wildlife Medicine, 2012, 43, S19-S26.	0.3	13
152	Regulation of iron homeostasis through the erythroferroneâ€hepcidin axis in sickle cell disease. British Journal of Haematology, 2020, 189, 1204-1209.	1.2	13
153	Hepcidin and Erythroferrone Complement the Athlete Biological Passport in the Detection of Autologous Blood Transfusion. Medicine and Science in Sports and Exercise, 2022, 54, 1604-1616.	0.2	13
154	Design, synthesis, and characterization of cyclic analogues of the iron regulatory peptide hormone hepcidin. Biopolymers, 2013, 100, 519-526.	1.2	12
155	Serum Erythroferrone During Pregnancy Is Related to Erythropoietin but Does Not Predict the Risk of Anemia. Journal of Nutrition, 2021, 151, 1824-1833.	1.3	12
156	Iron-dependent apoptosis causes embryotoxicity in inflamed and obese pregnancy. Nature Communications, 2021, 12, 4026.	5.8	12
157	Umbilical Cord Erythroferrone Is Inversely Associated with Hepcidin, but Does Not Capture the Most Variability in Iron Status of Neonates Born to Teens Carrying Singletons and Women Carrying Multiples. Journal of Nutrition, 2021, 151, 2590-2600.	1.3	12
158	The Erythroid Factor Erythroferrone and Its Role In Iron Homeostasis. Blood, 2013, 122, 4-4.	0.6	11
159	Intestinal ferroportin expression in pediatric CrohnÊ¼s disease. Inflammatory Bowel Diseases, 2011, 17, 524-531.	0.9	10
160	Isocitrate treatment of acute anemia of inflammation in a mouse model. Blood Cells, Molecules, and Diseases, 2016, 56, 31-36.	0.6	10
161	To induce or not to induce: the fight over hepcidin regulation. Haematologica, 2019, 104, 1093-1095.	1.7	9
162	Effects of altitude and recombinant human erythropoietin on iron metabolism: a randomized controlled trial. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R152-R161.	0.9	9

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163	Treatment With Minihepcidin Peptide Improves Anemia and Iron Overload In a Mouse Model Of Thalassemia Intermedia. Blood, 2013, 122, 431-431.	0.6	9
164	Hamp1 mRNA and plasma hepcidin levels are influenced by sex and strain but do not predict tissue iron levels in inbred mice. American Journal of Physiology - Renal Physiology, 2017, 313, G511-G523.	1.6	8
165	Fetal presentation of congenital dyserythropoietic anemia type 1 with novel compound heterozygous CDAN1 mutations. Blood Cells, Molecules, and Diseases, 2018, 71, 63-66.	0.6	8
166	Enteral ferric citrate absorption is dependent on the iron transport protein ferroportin. Kidney International, 2022, 101, 711-719.	2.6	8
167	Hepcidin is elevated in primary and secondary myelofibrosis and remains elevated in patients treated with ruxolitinib. British Journal of Haematology, 2022, 197, .	1.2	8
168	Ferroportin mutations: a tale of two phenotypes. Blood, 2005, 105, 3763-3764.	0.6	7
169	Clinical Immunoassay for Human Hepcidin Predicts Iron Deficiency in First-Time Blood Donors. journal of applied laboratory medicine, The, 2020, 5, 943-953.	0.6	7
170	Crosstalk between Erythropoiesis and Iron Metabolism. Advances in Hematology, 2010, 2010, 1-2.	0.6	6
171	Iron overload causes a mild and transient increase in acute lung injury. Physiological Reports, 2020, 8, e14470.	0.7	6
172	INTERGROWTH-21 Identifies High Prevalence of Low Symphysisâ€“Fundal Height in Indigenous Pregnant Women Experiencing Multiple Infections, Nutrient Deficiencies, and Inflammation: The Maternal Infections, Nutrient Deficiencies, and Inflammation (MINDI) Cohort. Current Developments in Nutrition, 2021, 5, nzab012.	0.1	6
173	Prepregnancy Obesity Does Not Impact Placental Iron Trafficking. Journal of Nutrition, 2021, 151, 2646-2654.	1.3	6
174	Concurrent Treatment with Minhepcidin and Deferiprone Improves Anemia and Enhances Reduction of Spleen Iron in a Mouse Model of Non-Transfusion Dependent Thalassemia. Blood, 2014, 124, 748-748.	0.6	6
175	Novel tools for the evaluation of iron metabolism. Haematologica, 2010, 95, 1989-1991.	1.7	5
176	Iron Metabolism in African American Women in the Second and Third Trimesters of High-Risk Pregnancies. JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing, 2017, 46, 148-158.	0.2	5
177	Prognostic associations of plasma hepcidin in women with early breast cancer. Breast Cancer Research and Treatment, 2020, 184, 927-935.	1.1	5
178	IOD IN RHINOSâ€"IMMUNITY GROUP REPORT: REPORT FROM THE IMMUNITY, GENETICS AND TOXICOLOGY WORKING GROUP OF THE INTERNATIONAL WORKSHOP ON IRON OVERLOAD DISORDER IN BROWSING RHINOCEROS (FEBRUARY 2011). Journal of Zoo and Wildlife Medicine, 2012, 43, S117-S119.	0.3	4
179	Pursuing Orally Bioavailable Hepcidin Analogues via Cyclic N-Methylated Mini-Hepcidins. Biomedicines, 2021, 9, 164.	1.4	4
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