

Elizabeta Nemeth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4060435/publications.pdf>

Version: 2024-02-01

200
papers

30,326
citations

5782

84
h-index

5347

170
g-index

208
all docs

208
docs citations

208
times ranked

17465
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Liver iron concentrations and urinary hepcidin in $\hat{\alpha}$ -thalassemia. <i>Haematologica</i> , 2007, 92, 583-588.	1.7	339
20	Anemia of Inflammation. <i>Hematology/Oncology Clinics of North America</i> , 2014, 28, 671-681.	0.9	321
21	Hepcidin in the diagnosis of iron disorders. <i>Blood</i> , 2016, 127, 2809-2813.	0.6	309
22	Regulation of the Iron Homeostatic Hormone Hepcidin. <i>Advances in Nutrition</i> , 2017, 8, 126-136.	2.9	289
23	Iron Sequestration and Anemia of Inflammation. <i>Seminars in Hematology</i> , 2009, 46, 387-393.	1.8	283
24	Hepcidin – A Potential Novel Biomarker for Iron Status in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 1051-1056.	2.2	279
25	Synthetic hepcidin causes rapid dose-dependent hypoferremia and is concentrated in ferroportin-containing organs. <i>Blood</i> , 2005, 106, 2196-2199.	0.6	274
26	Iron imports. IV. Hepcidin and regulation of body iron metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G199-G203.	1.6	269
27	Hepcidin-Induced Endocytosis of Ferroportin Is Dependent on Ferroportin Ubiquitination. <i>Cell Metabolism</i> , 2012, 15, 918-924.	7.2	261
28	Erythroferrone contributes to hepcidin suppression and iron overload in a mouse model of $\hat{\beta}^2$ -thalassemia. <i>Blood</i> , 2015, 126, 2031-2037.	0.6	245
29	The N-terminus of hepcidin is essential for its interaction with ferroportin: structure-function study. <i>Blood</i> , 2006, 107, 328-333.	0.6	238
30	Iron transferrin regulates hepcidin synthesis in primary hepatocyte culture through hemojuvelin and BMP2/4. <i>Blood</i> , 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. <i>Blood</i> , 2018, 131, 899-910.	0.6	230
32	Iron homeostasis during pregnancy. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1567S-1574S.	2.2	213
33	The molecular basis of ferroportin-linked hemochromatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8955-8960.	3.3	210
34	Hepcidin-Ferroportin Interaction Controls Systemic Iron Homeostasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6493.	1.8	205
35	Evidence for distinct pathways of hepcidin regulation by acute and chronic iron loading in mice. <i>Hepatology</i> , 2011, 53, 1333-1341.	3.6	203
36	Hepcidin as a therapeutic tool to limit iron overload and improve anemia in $\hat{\beta}^2$ -thalassemic mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 4466-4477.	3.9	202

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

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

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

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

#	ARTICLE	IF	CITATIONS
109	Cellular Catabolism of the Iron-Regulatory Peptide Hormone Hepcidin. <i>PLoS ONE</i> , 2013, 8, e58934.	1.1	45
110	Testing the Iron Hypothesis in a Mouse Model of Atherosclerosis. <i>Cell Reports</i> , 2013, 5, 1436-1442.	2.9	44
111	Molecular and clinical correlates in iron overload associated with mutations in ferroportin. <i>Haematologica</i> , 2006, 91, 1092-5.	1.7	43
112	Effects of plasma transfusion on hepcidin production in human congenital hypotransferrinemia. <i>Haematologica</i> , 2007, 92, 1407-1410.	1.7	41
113	Therapeutic recommendations in HFE hemochromatosis for p.Cys282Tyr (C282Y/C282Y) homozygous genotype. <i>Hepatology International</i> , 2018, 12, 83-86.	1.9	41
114	Increased gene copy number of <i>DEFA1/DEFA3</i> worsens sepsis by inducing endothelial pyroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3161-3170.	3.3	41
115	Levels of the erythropoietin-responsive hormone erythroferrone in mice and humans with chronic kidney disease. <i>Haematologica</i> , 2018, 103, e141-e142.	1.7	38
116	Maternal hepcidin determines embryo iron homeostasis in mice. <i>Blood</i> , 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 <i>Schistosoma haematobium</i> . <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1784-1790.	2.2	35
118	Small cyclic agonists of iron regulatory hormone hepcidin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4961-4969.	1.0	35
119	Iron homeostasis in pregnancy and spontaneous abortion. <i>American Journal of Hematology</i> , 2019, 94, 184-188.	2.0	33
120	Intravenous Iron Does Not Augment the Hemoglobin Mass Response to Simulated Hypoxia. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1669-1678.	0.2	32
121	Iron in Lung Pathology. <i>Pharmaceuticals</i> , 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. <i>European Journal of Applied Physiology</i> , 2009, 106, 435-443.	1.2	31
123	Hepcidin and Î²-thalassemia major. <i>Blood</i> , 2013, 122, 3-4.	0.6	30
124	Urinary hepcidin excretion in patients with myelodysplastic syndrome and myelofibrosis. <i>British Journal of Haematology</i> , 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. <i>Haematologica</i> , 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. <i>Annals of Medicine</i> , 2021, 53, 274-285.	1.5	28

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

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

#	ARTICLE	IF	CITATIONS
163	Treatment With Minihepcidin Peptide Improves Anemia and Iron Overload In a Mouse Model Of Thalassemia Intermedia. <i>Blood</i> , 2013, 122, 431-431.	0.6	9
164	<i>Hamp1</i> mRNA and plasma hepcidin levels are influenced by sex and strain but do not predict tissue iron levels in inbred mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G511-G523.	1.6	8
165	Fetal presentation of congenital dyserythropoietic anemia type 1 with novel compound heterozygous CDAN1 mutations. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 71, 63-66.	0.6	8
166	Enteral ferric citrate absorption is dependent on the iron transport protein ferroportin. <i>Kidney International</i> , 2022, 101, 711-719.	2.6	8
167	Hepcidin is elevated in primary and secondary myelofibrosis and remains elevated in patients treated with ruxolitinib. <i>British Journal of Haematology</i> , 2022, 197, .	1.2	8
168	Ferroportin mutations: a tale of two phenotypes. <i>Blood</i> , 2005, 105, 3763-3764.	0.6	7
169	Clinical Immunoassay for Human Hepcidin Predicts Iron Deficiency in First-Time Blood Donors. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 943-953.	0.6	7
170	Crosstalk between Erythropoiesis and Iron Metabolism. <i>Advances in Hematology</i> , 2010, 2010, 1-2.	0.6	6
171	Iron overload causes a mild and transient increase in acute lung injury. <i>Physiological Reports</i> , 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. <i>Current Developments in Nutrition</i> , 2021, 5, nzab012.	0.1	6
173	Prepregnancy Obesity Does Not Impact Placental Iron Trafficking. <i>Journal of Nutrition</i> , 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. <i>Blood</i> , 2014, 124, 748-748.	0.6	6
175	Novel tools for the evaluation of iron metabolism. <i>Haematologica</i> , 2010, 95, 1989-1991.	1.7	5
176	Iron Metabolism in African American Women in the Second and Third Trimesters of High-Risk Pregnancies. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2017, 46, 148-158.	0.2	5
177	Prognostic associations of plasma hepcidin in women with early breast cancer. <i>Breast Cancer Research and Treatment</i> , 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). <i>Journal of Zoo and Wildlife Medicine</i> , 2012, 43, S117-S119.	0.3	4
179	Pursuing Orally Bioavailable Hepcidin Analogues via Cyclic N-Methylated Mini-Hepcidins. <i>Biomedicines</i> , 2021, 9, 164.	1.4	4
180	Maternal Hepcidin Suppression Is Essential for Healthy Pregnancy. <i>Blood</i> , 2020, 136, 43-44.	0.6	2

#	ARTICLE	IF	CITATIONS
181	Hepcidin: an emerging biomarker for iron disorders, inflammatory diseases, and infections. Proceedings of SPIE, 2010, , .	0.8	1
182	Lung Iron Overload Does Not Exacerbate the Fibrotic Response to Bleomycin in a Mouse Model of Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 713-716.	1.4	1
183	Isolation and thermal stabilization of mouse ferroportin. FEBS Open Bio, 2021, 11, 26-34.	1.0	1
184	Development of Hepcidin Agonists and Antagonists.. Blood, 2009, 114, SCI-27-SCI-27.	0.6	1
185	Use of Minihepcidins As a "Medical Phlebotomy" in the Treatment of Polycythemia Vera. Blood, 2014, 124, 3231-3231.	0.6	1
186	Urinary Hepcidin in Thalassemic Syndromes.. Blood, 2005, 106, 3589-3589.	0.6	1
187	Transgenic Mice Overexpressing Erythroferrone, a Novel Erythrokin, Develop Iron Overload and Multi-Organ Iron-Independent Abnormalities. Blood, 2020, 136, 12-12.	0.6	1
188	Iron and aging. , 2007, , 171-180.		0
189	Detection of a Small Volume Autologous Blood Transfusion by Hepcidin, Erythroferrone, and the Athlete Biological Passport. FASEB Journal, 2021, 35, .	0.2	0
190	Iron deficiency and blood cadmium concentrations in a cohort of reproductive-age women. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
191	Hepcidin Contributes to Anemia of Malignancy by Causing Sequestration of Iron in Hepatic Stores.. Blood, 2004, 104, 3197-3197.	0.6	0
192	The N-Terminus of Hepcidin Is Essential for Its Interaction with Ferroportin: Structure-Function Study.. Blood, 2005, 106, 3588-3588.	0.6	0
193	Hepcidin Suppression Relative to Iron Status in Patients with Chronic Hepatitis C.. Blood, 2008, 112, 1860-1860.	0.6	0
194	The determinants of hepcidin-ferroportin interaction. FASEB Journal, 2009, 23, 974.4.	0.2	0
195	THE METABOLIC FATE OF THE PEPTIDE HORMONE HEPCIDIN. FASEB Journal, 2011, 25, 1119.3.	0.2	0
196	Mini-Hepcidins Prevent Iron Overload In A Mouse Model of Hereditary Hemochromatosis. Blood, 2011, 118, 689-689.	0.6	0
197	Hepcidin in Male Double Red Blood Cell Donors - Relationship Between Parameters of Iron Metabolism and Erythropoiesis. Blood, 2011, 118, 2109-2109.	0.6	0
198	Ferroportin-mediated cellular iron efflux requires extracellular calcium. FASEB Journal, 2015, 29, 566.15.	0.2	0

#	ARTICLE	IF	CITATIONS
199	Erythroferrone Modulates Iron Distribution for Fetal Erythropoiesis. Blood, 2021, 138, 757-757.	0.6	0
200	Iron-Dependent Apoptosis Causes Embryotoxicity in Inflamed and Obese Pregnancy. Blood, 2020, 136, 12-12.	0.6	0