

Dorine W Swinkels

List of Publications by Year in descending order

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298
papers

20,508
citations

10389
72
h-index

12597
132
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304
all docs

304
docs citations

304
times ranked

23141
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies a second prostate cancer susceptibility variant at 8q24. Nature Genetics, 2007, 39, 631-637.	21.4	818
2	Common variants on chromosomes 2q35 and 16q12 confer susceptibility to estrogen receptor- positive breast cancer. Nature Genetics, 2007, 39, 865-869.	21.4	774
3	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. Nature Genetics, 2007, 39, 977-983.	21.4	670
4	Many sequence variants affecting diversity of adult human height. Nature Genetics, 2008, 40, 609-615.	21.4	615
5	DD3(PCA3), a very sensitive and specific marker to detect prostate tumors. Cancer Research, 2002, 62, 2695-8.	0.9	484
6	Normalization of gene expression measurements in tumor tissues: comparison of 13 endogenous control genes. Laboratory Investigation, 2005, 85, 154-159.	3.7	482
7	Iron fortification adversely affects the gut microbiome, increases pathogen abundance and induces intestinal inflammation in Kenyan infants. Gut, 2015, 64, 731-742.	12.1	477
8	Time-course analysis of hepcidin, serum iron, and plasma cytokine levels in humans injected with LPS. Blood, 2005, 106, 1864-1866.	1.4	459
9	Common variants on chromosome 5p12 confer susceptibility to estrogen receptor- positive breast cancer. Nature Genetics, 2008, 40, 703-706.	21.4	412
10	Iron deficiency. Lancet, The, 2021, 397, 233-248.	13.7	396
11	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. Nature Genetics, 2008, 40, 1307-1312.	21.4	377
12	Oral iron supplements increase hepcidin and decrease iron absorption from daily or twice-daily doses in iron-depleted young women. Blood, 2015, 126, 1981-1989.	1.4	372
13	Common sequence variants on 2p15 and Xp11.22 confer susceptibility to prostate cancer. Nature Genetics, 2008, 40, 281-283.	21.4	357
14	Clinical Importance of Streptococcus gallolyticus Infection Among Colorectal Cancer Patients: Systematic Review and Meta-analysis. Clinical Infectious Diseases, 2011, 53, 870-878.	5.8	310
15	Hepcidin in the diagnosis of iron disorders. Blood, 2016, 127, 2809-2813.	1.4	309
16	Iron absorption from oral iron supplements given on consecutive versus alternate days and as single morning doses versus twice-daily split dosing in iron-depleted women: two open-label, randomised controlled trials. Lancet Haematology, the, 2017, 4, e524-e533.	4.6	276
17	Hepcidin: from discovery to differential diagnosis. Haematologica, 2008, 93, 90-97.	3.5	266
18	Serum hepcidin: reference ranges and biochemical correlates in the general population. Blood, 2011, 117, e218-e225.	1.4	246

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19	Iron deficiency impairs contractility of human cardiomyocytes through decreased mitochondrial function. <i>European Journal of Heart Failure</i> , 2018, 20, 910-919.	7.1	225
20	Nutritional iron turned inside out: intestinal stress from a gut microbial perspective. <i>FEMS Microbiology Reviews</i> , 2014, 38, 1202-1234.	8.6	219
21	Hepcidin in Human Iron Disorders: Diagnostic Implications. <i>Clinical Chemistry</i> , 2011, 57, 1650-1669.	3.2	216
22	Variants with large effects on blood lipids and the role of cholesterol and triglycerides in coronary disease. <i>Nature Genetics</i> , 2016, 48, 634-639.	21.4	214
23	Mass Spectrometry-Based Hepcidin Measurements in Serum and Urine: Analytical Aspects and Clinical Implications. <i>Clinical Chemistry</i> , 2007, 53, 620-628.	3.2	202
24	Thyroid Function and Prevalence of Anti-Thyroperoxidase Antibodies in a Population with Borderline Sufficient Iodine Intake: Influences of Age and Sex. <i>Clinical Chemistry</i> , 2006, 52, 104-111.	3.2	199
25	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014, 5, 4926.	12.8	192
26	Immunochemical and Mass-Spectrometry-Based Serum Hepcidin Assays for Iron Metabolism Disorders. <i>Clinical Chemistry</i> , 2010, 56, 1570-1579.	3.2	190
27	Intra-graft expression of genes involved in iron homeostasis predicts the development of operational tolerance in human liver transplantation. <i>Journal of Clinical Investigation</i> , 2012, 122, 368-382.	8.2	183
28	Advances in Quantitative Hepcidin Measurements by Time-of-Flight Mass Spectrometry. <i>PLoS ONE</i> , 2008, 3, e2706.	2.5	176
29	The impact of calcium, magnesium, zinc, and copper in blood and seminal plasma on semen parameters in men. <i>Reproductive Toxicology</i> , 2001, 15, 131-136.	2.9	171
30	The multifaceted role of iron in renal health and disease. <i>Nature Reviews Nephrology</i> , 2020, 16, 77-98.	9.6	167
31	Hepcidin in Obese Children as a Potential Mediator of the Association between Obesity and Iron Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5102-5107.	3.6	164
32	Results of the first international round robin for the quantification of urinary and plasma hepcidin assays: need for standardization. <i>Haematologica</i> , 2009, 94, 1748-1752.	3.5	161
33	Iron Availability Increases the Pathogenic Potential of <i>Salmonella Typhimurium</i> and Other Enteric Pathogens at the Intestinal Epithelial Interface. <i>PLoS ONE</i> , 2012, 7, e29968.	2.5	154
34	Definition of Iron Deficiency Based on the Gold Standard of Bone Marrow Iron Staining in Heart Failure Patients. <i>Circulation: Heart Failure</i> , 2018, 11, e004519.	3.9	147
35	Novel Clues on the Specific Association of <i>Streptococcus gallolyticus</i> subsp <i>gallolyticus</i> With Colorectal Cancer. <i>Journal of Infectious Diseases</i> , 2011, 203, 1101-1109.	4.0	137
36	Variant <i>ASGR1</i> Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016, 374, 2131-2141.	27.0	137

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37	Iron metabolism in the pathogenesis of iron-induced kidney injury. <i>Nature Reviews Nephrology</i> , 2013, 9, 385-398.	9.6	126
38	Novel urine hepcidin assay by mass spectrometry. <i>Blood</i> , 2005, 106, 3268-3270.	1.4	125
39	Elevated growth differentiation factor 15 expression in patients with congenital dyserythropoietic anemia type I. <i>Blood</i> , 2008, 112, 5241-5244.	1.4	125
40	Rapid genotyping of single nucleotide polymorphisms using novel minor groove binding DNA oligonucleotides (MGB probes). <i>Human Mutation</i> , 2002, 19, 554-559.	2.5	124
41	Effects of Exercise on Hepcidin Response and Iron Metabolism during Recovery. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2009, 19, 583-597.	2.1	119
42	Iron Status and the Acute Post-Exercise Hepcidin Response in Athletes. <i>PLoS ONE</i> , 2014, 9, e93002.	2.5	118
43	(Pre)analytical imprecision, between-subject variability, and daily variations in serum and urine hepcidin: Implications for clinical studies. <i>Analytical Biochemistry</i> , 2009, 389, 124-129.	2.4	113
44	CSK regulatory polymorphism is associated with systemic lupus erythematosus and influences B-cell signaling and activation. <i>Nature Genetics</i> , 2012, 44, 1227-1230.	21.4	110
45	Hepcidin and hemoglobin content parameters in the diagnosis of iron deficiency in rheumatoid arthritis patients with anemia. <i>Arthritis and Rheumatism</i> , 2011, 63, 3672-3680.	6.7	105
46	Shedding & shaving: Disclosure of proteomic expressions on a bacterial face. <i>Proteomics</i> , 2008, 8, 1415-1428.	2.2	104
47	Hemolysis, Elevated Liver Enzymes, and Low Platelet Count (HELLP) Syndrome as a Complication of Preeclampsia in Pregnant Women Increases the Amount of Cell-free Fetal and Maternal DNA in Maternal Plasma and Serum. <i>Clinical Chemistry</i> , 2002, 48, 650-653.	3.2	103
48	Controversies in optimal anemia management: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. <i>Kidney International</i> , 2021, 99, 1280-1295.	5.2	103
49	Regulation of hepcidin: Insights from biochemical analyses on human serum samples. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 339-346.	1.4	102
50	Serum hepcidin-25 levels in patients with chronic kidney disease are independent of glomerular filtration rate. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 848-853.	0.7	99
51	Hereditary Hemochromatosis: Genetic Complexity and New Diagnostic Approaches. <i>Clinical Chemistry</i> , 2006, 52, 950-968.	3.2	96
52	SMIM1 underlies the Vel blood group and influences red blood cell traits. <i>Nature Genetics</i> , 2013, 45, 542-545.	21.4	96
53	Effect of the antihepcidin Spiegelmer lexaptetide on inflammation-induced decrease in serum iron in humans. <i>Blood</i> , 2014, 124, 2643-2646.	1.4	96
54	Training Surface and Intensity. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1138-1145.	0.4	95

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55	Maternal myo-inositol, glucose, and zinc status is associated with the risk of offspring with spina bifida. American Journal of Obstetrics and Gynecology, 2003, 189, 1713-1719.	1.3	94
56	Effects of Blood-Processing Protocols on Cell-free DNA Quantification in Plasma. Clinical Chemistry, 2003, 49, 525-526.	3.2	93
57	Results of an international round robin for the quantification of serum non-transferrin-bound iron: Need for defining standardization and a clinically relevant isoform. Analytical Biochemistry, 2005, 341, 241-250.	2.4	93
58	Increased serum hepcidin and alterations in blood iron parameters associated with asymptomatic P. falciparum and P. vivax malaria. Haematologica, 2010, 95, 1068-1074.	3.5	92
59	Profiling the humoral immune response in colon cancer patients: Diagnostic antigens from Streptococcus bovis. International Journal of Cancer, 2006, 119, 2127-2135.	5.1	91
60	Association of anemia with health-related quality of life and survival: a large population-based cohort study. Haematologica, 2019, 104, 468-476.	3.5	91
61	Anemia in Hodgkin's Lymphoma: The Role of Interleukin-6 and Hepcidin. Journal of Clinical Oncology, 2010, 28, 2538-2543.	1.6	86
62	Assessment of Urinary Concentrations of Hepcidin Provides Novel Insight into Disturbances in Iron Homeostasis during Malarial Infection. Journal of Infectious Diseases, 2009, 199, 253-262.	4.0	82
63	Serum hepcidin levels are innately low in α -HFE-related haemochromatosis but differ between C282Y homozygotes with elevated and normal ferritin levels. British Journal of Haematology, 2008, 142, 979-985.	2.5	81
64	Cumulative effects of consecutive running sessions on hemolysis, inflammation and hepcidin activity. European Journal of Applied Physiology, 2009, 106, 51-59.	2.5	81
65	Second round robin for plasma hepcidin methods: First steps toward harmonization. American Journal of Hematology, 2012, 87, 977-983.	4.1	81
66	Serum ferritin levels are associated with vascular damage in patients with nonalcoholic fatty liver disease. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 568-575.	2.6	78
67	Serum Hepcidin and Macrophage Iron Correlate With MCP-1 Release and Vascular Damage in Patients With Metabolic Syndrome Alterations. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 683-690.	2.4	78
68	The iron regulatory hormone hepcidin is decreased in pregnancy: a prospective longitudinal study. Clinical Chemistry and Laboratory Medicine, 2013, 51, 1395-401.	2.3	78
69	Congenital sideroblastic anemia due to mutations in the mitochondrial HSP70 homologue HSPA9. Blood, 2015, 126, 2734-2738.	1.4	78
70	Improved Mass Spectrometry Assay For Plasma Hepcidin: Detection and Characterization of a Novel Hepcidin Isoform. PLoS ONE, 2013, 8, e75518.	2.5	76
71	Second international round robin for the quantification of serum non-transferrin-bound iron and labile plasma iron in patients with iron-overload disorders. Haematologica, 2016, 101, 38-45.	3.5	74
72	Tubular iron deposition and iron handling proteins in human healthy kidney and chronic kidney disease. Scientific Reports, 2018, 8, 9353.	3.3	74

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73	Vitamin and homocysteine status of mothers and infants and the risk of nonsyndromic orofacial clefts. American Journal of Obstetrics and Gynecology, 2003, 189, 1155-1160.	1.3	73
74	An Insight into the Relationships between Hepcidin, Anemia, Infections and Inflammatory Cytokines in Pediatric Refugees: A Cross-Sectional Study. PLoS ONE, 2008, 3, e4030.	2.5	73
75	Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. Clinical Chemistry, 2016, 62, 993-1001.	3.2	73
76	EMQN best practice guidelines for the molecular genetic diagnosis of hereditary hemochromatosis (HH). European Journal of Human Genetics, 2016, 24, 479-495.	2.8	73
77	A Novel Immunological Assay for Hepcidin Quantification in Human Serum. PLoS ONE, 2009, 4, e4581.	2.5	72
78	Hepcidin: a new tool in the management of anaemia in patients with chronic kidney disease?. Nephrology Dialysis Transplantation, 2008, 23, 2450-2453.	0.7	71
79	Adaptation of iron transport and metabolism to acute high-altitude hypoxia in mountaineers. Hepatology, 2013, 58, 2153-2162.	7.3	71
80	The Effects of Acute Exercise Bouts on Hepcidin in Women. International Journal of Sport Nutrition and Exercise Metabolism, 2012, 22, 79-88.	2.1	69
81	Quantitative measurement of telomerase reverse transcriptase (hTERT) mRNA in urothelial cell carcinomas. International Journal of Cancer, 2000, 87, 217-220.	5.1	67
82	Hepcidin-25 is a marker of the response rather than resistance to exogenous erythropoietin in chronic kidney disease/chronic heart failure patients. European Journal of Heart Failure, 2010, 12, 943-950.	7.1	67
83	Hepcidin-25 is related to cardiovascular events in chronic haemodialysis patients. Nephrology Dialysis Transplantation, 2013, 28, 3062-3071.	0.7	67
84	Diurnal Rhythm rather than Dietary Iron Mediates Daily Hepcidin Variations. Clinical Chemistry, 2013, 59, 527-535.	3.2	67
85	Plasma hepcidin concentrations significantly predict interindividual variation in iron absorption in healthy men. American Journal of Clinical Nutrition, 2009, 89, 1088-1091.	4.7	66
86	Mild increases in serum hepcidin and interleukin-6 concentrations impair iron incorporation in haemoglobin during an experimental human malaria infection. British Journal of Haematology, 2009, 145, 657-664.	2.5	66
87	High prevalence of subclinical iron deficiency in whole blood donors not deferred for low hemoglobin. Transfusion, 2013, 53, 1670-1677.	1.6	65
88	Practice guidelines for the diagnosis and management of microcytic anemias due to genetic disorders of iron metabolism or heme synthesis. Blood, 2014, 123, 3873-3886.	1.4	64
89	Use of Real-Time Quantitative PCR to Compare DNA Isolation Methods. Clinical Chemistry, 1998, 44, 2201-2204.	3.2	62
90	Real-Time Quantification of Human Telomerase Reverse Transcriptase mRNA in Tumors and Healthy Tissues. Clinical Chemistry, 2000, 46, 313-318.	3.2	61

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91	Determinants of Red Cell Distribution Width (RDW) in Cardiorenal Patients: RDW is Not Related to Erythropoietin Resistance. <i>Journal of Cardiac Failure</i> , 2011, 17, 626-633.	1.7	60
92	High-sensitive radioimmunoassay for human serum hepcidin. <i>British Journal of Haematology</i> , 2009, 146, 317-325.	2.5	58
93	Low dietary iron intake restrains the intestinal inflammatory response and pathology of enteric infection by food-borne bacterial pathogens. <i>European Journal of Immunology</i> , 2015, 45, 2553-2567.	2.9	56
94	Effect of Exercise Modality and Intensity on Postexercise Interleukin-6 and Hepcidin Levels. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2013, 23, 178-186.	2.1	55
95	Microbial Metabolism Shifts Towards an Adverse Profile with Supplementary Iron in the TIM-2 In vitro Model of the Human Colon. <i>Frontiers in Microbiology</i> , 2015, 6, 1481.	3.5	55
96	Reference intervals of complete blood count constituents are highly correlated to waist circumference: Should obese patients have their own "normal values"? <i>American Journal of Hematology</i> , 2014, 89, 671-677.	4.1	54
97	The Metabolic Syndrome and Its Traits as Risk Factors for Subclinical Atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2893-2899.	3.6	53
98	Nutrient-dense foods and exercise in frail elderly: effects on B vitamins, homocysteine, methylmalonic acid, and neuropsychological functioning. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 338-346.	4.7	52
99	Immunoproteomics: From biomarker discovery to diagnostic applications. <i>Proteomics - Clinical Applications</i> , 2008, 2, 167-180.	1.6	51
100	Inappropriately low hepcidin levels in patients with myelodysplastic syndrome carrying a somatic mutation of SF3B1. <i>Haematologica</i> , 2013, 98, 420-423.	3.5	51
101	Acute dietary carbohydrate manipulation and the subsequent inflammatory and hepcidin responses to exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 2521-2530.	2.5	51
102	Iron Supplementation in Suckling Piglets: How to Correct Iron Deficiency Anemia without Affecting Plasma Hepcidin Levels. <i>PLoS ONE</i> , 2013, 8, e64022.	2.5	50
103	Renal Handling of Circulating and Renal-Synthesized Hepcidin and Its Protective Effects against Hemoglobin-Mediated Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2720-2732.	6.1	50
104	Role of the Complement System in Chronic Central Serous Chorioretinopathy. <i>JAMA Ophthalmology</i> , 2018, 136, 1128.	2.5	49
105	Hepcidin-25 in Chronic Hemodialysis Patients Is Related to Residual Kidney Function and Not to Treatment with Erythropoiesis Stimulating Agents. <i>PLoS ONE</i> , 2012, 7, e39783.	2.5	47
106	The effects of carbohydrate ingestion during endurance running on post-exercise inflammation and hepcidin levels. <i>European Journal of Applied Physiology</i> , 2012, 112, 1889-1898.	2.5	47
107	Plasma hepcidin levels and anemia in old age. The Leiden 85-Plus Study. <i>Haematologica</i> , 2013, 98, 448-454.	3.5	47
108	Factors influencing the post-exercise hepcidin-25 response in elite athletes. <i>European Journal of Applied Physiology</i> , 2017, 117, 1233-1239.	2.5	47

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109	Oral iron supplementation: Potential implications for the gut microbiome and metabolome in patients with CKD. <i>Hemodialysis International</i> , 2017, 21, S28-S36.	0.9	45
110	Survivin mRNA Copy Number in Bladder Washings Predicts Tumor Recurrence in Patients with Superficial Urothelial Cell Carcinomas. <i>Clinical Chemistry</i> , 2004, 50, 1425-1428.	3.2	44
111	Increased exposure to bacterial antigen RpL7/L12 in early stage colorectal cancer patients. <i>Cancer</i> , 2010, 116, 4014-4022.	4.1	44
112	The donation interval of 56 days requires extension to 180 days for whole blood donors to recover from changes in iron metabolism. <i>Blood</i> , 2016, 128, 2185-2188.	1.4	44
113	Preterm neonates with nephrocalcinosis: natural course and renal function. <i>Pediatric Nephrology</i> , 2003, 18, 1102-1108.	1.7	43
114	Anemia in diffuse large B-cell non-Hodgkin lymphoma: the role of interleukin-6, hepcidin and erythropoietin. <i>Leukemia and Lymphoma</i> , 2014, 55, 270-275.	1.3	43
115	Growth differentiation factor 15 in patients with congenital dyserythropoietic anaemia (CDA) type II. <i>Journal of Molecular Medicine</i> , 2011, 89, 811-816.	3.9	42
116	Hepcidin Serum Levels and Resistance to Recombinant Human Erythropoietin Therapy in Haemodialysis Patients. <i>Acta Haematologica</i> , 2009, 122, 226-229.	1.4	41
117	Inflammation-induced hepcidin-25 is associated with the development of anemia in septic patients: an observational study. <i>Critical Care</i> , 2011, 15, R9.	5.8	41
118	Therapeutic recommendations in HFE hemochromatosis for p.Cys282Tyr (C282Y/C282Y) homozygous genotype. <i>Hepatology International</i> , 2018, 12, 83-86.	4.2	41
119	Chronic Adherence to a Ketogenic Diet Modifies Iron Metabolism in Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 548-555.	0.4	41
120	First-in-human Phase I studies of PRS-080#22, a hepcidin antagonist, in healthy volunteers and patients with chronic kidney disease undergoing hemodialysis. <i>PLoS ONE</i> , 2019, 14, e0212023.	2.5	41
121	Surface-Exposed Histone-Like Protein A Modulates Adherence of <i>Streptococcus gallolyticus</i> to Colon Adenocarcinoma Cells. <i>Infection and Immunity</i> , 2009, 77, 5519-5527.	2.2	40
122	Serum Hepcidin Is Associated With Presence of Plaque in Postmenopausal Women of a General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 446-456.	2.4	40
123	Early Detection of Leptomeningeal Metastasis by PCR Examination of Tumor-derived K-ras DNA in Cerebrospinal Fluid. <i>Clinical Chemistry</i> , 2000, 46, 132-133.	3.2	39
124	X-linked sideroblastic anemia due to ALAS2 intron 1 enhancer element GATA-binding site mutations. <i>American Journal of Hematology</i> , 2014, 89, 315-319.	4.1	39
125	Provisional standardization of hepcidin assays: creating a traceability chain with a primary reference material, candidate reference method and a commutable secondary reference material. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 864-872.	2.3	39
126	Serum ferritin and risk for new-onset heart failure and cardiovascular events in the community. <i>European Journal of Heart Failure</i> , 2017, 19, 348-356.	7.1	38

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127	The relevance of a protein-enriched low density lipoprotein as a risk for coronary heart disease in relation to other known risk factors. <i>Atherosclerosis</i> , 1989, 77, 59-67.	0.8	37
128	Hepcidin suppression and defective iron recycling account for dysregulation of iron homeostasis in heme oxygenase-1 deficiency. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3091-3102.	3.6	37
129	Twenty Years of Ferroportin Disease: A Review or An Update of Published Clinical, Biochemical, Molecular, and Functional Features. <i>Pharmaceuticals</i> , 2019, 12, 132.	3.8	36
130	Low Hepcidin Levels in Severely Anemic Malawian Children with High Incidence of Infectious Diseases and Bone Marrow Iron Deficiency. <i>PLoS ONE</i> , 2013, 8, e78964.	2.5	35
131	Labile plasma iron levels predict survival in patients with lower-risk myelodysplastic syndromes. <i>Haematologica</i> , 2018, 103, 69-79.	3.5	35
132	Serum ferritin levels are increased in patients with glomerular diseases and proteinuria. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 2754-2760.	0.7	34
133	Associations of common variants in <i>HFE</i> and <i>TMPRSS6</i> with iron parameters are independent of serum hepcidin in a general population: a replication study. <i>Journal of Medical Genetics</i> , 2013, 50, 593-598.	3.2	34
134	Dietary hemoglobin rescues young piglets from severe iron deficiency anemia: Duodenal expression profile of genes involved in heme iron absorption. <i>PLoS ONE</i> , 2017, 12, e0181117.	2.5	34
135	Haematologic data, iron parameters and molecular findings in two new cases of iron-refractory iron deficiency anaemia. <i>European Journal of Haematology</i> , 2009, 83, 595-602.	2.2	33
136	Genome-wide meta-analysis of common variant differences between men and women. <i>Human Molecular Genetics</i> , 2012, 21, 4805-4815.	2.9	33
137	Catalytic iron and acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F871-F876.	2.7	32
138	Bladder cancer diagnosis and recurrence prognosis: Comparison of markers with emphasis on survivin. <i>Clinica Chimica Acta</i> , 2006, 368, 20-32.	1.1	31
139	Regulation of serum hepcidin levels in sickle cell disease. <i>Haematologica</i> , 2009, 94, 885-887.	3.5	31
140	The iron link between malaria and invasive non-typhoid <i>Salmonella</i> infections. <i>Trends in Parasitology</i> , 2013, 29, 220-227.	3.3	31
141	Is serum cystatin C the marker of choice to predict glomerular filtration rate in paediatric patients?. <i>Annals of Clinical Biochemistry</i> , 2003, 40, 60-64.	1.6	30
142	Hematologic parameters predicting a response to oral iron therapy in chronic inflammation. <i>Haematologica</i> , 2014, 99, e171-e173.	3.5	30
143	Cohort Profile: The Nijmegen Biomedical Study (NBS). <i>International Journal of Epidemiology</i> , 2017, 46, dyw268.	1.9	30
144	Sustained plasma hepcidin suppression and iron elevation by Anticalin-derived hepcidin antagonist in cynomolgus monkey. <i>British Journal of Pharmacology</i> , 2018, 175, 1054-1065.	5.4	30

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145	Secretion of bioactive hepcidin-25 by liver cells correlates with its gene transcription and points towards synergism between iron and inflammation signaling pathways. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 2029-2037.	2.3	29
146	Hepcidin in anemia of chronic heart failure. <i>American Journal of Hematology</i> , 2011, 86, 107-109.	4.1	29
147	Relevance of dietary iron intake and bioavailability in the management of HFE hemochromatosis: a systematic review. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 468-479.	4.7	29
148	Inverse Relationship of Serum Hepcidin Levels with CD4 Cell Counts in HIV-Infected Patients Selected from an Indonesian Prospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e79904.	2.5	29
149	Glomerular filtration rate by single-injection inulin clearance: definition of a workable protocol for children. <i>Annals of Clinical Biochemistry</i> , 2000, 37, 60-66.	1.6	28
150	Recent advances in the understanding of iron overload in sideroblastic myelodysplastic syndrome. <i>British Journal of Haematology</i> , 2010, 149, 322-333.	2.5	28
151	Iron refractory iron deficiency anemia: a heterogeneous disease that is not always iron refractory. <i>American Journal of Hematology</i> , 2016, 91, E482-E490.	4.1	28
152	Serum Iron Parameters, HFE C282Y Genotype, and Cognitive Performance in Older Adults: Results From the FACIT Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1312-1321.	3.6	27
153	Tubular reabsorption and local production of urine hepcidin-25. <i>BMC Nephrology</i> , 2013, 14, 70.	1.8	27
154	Inter-ethnic differences in genetic variants within the transmembrane protease, serine 6 (TMPRSS6) gene associated with iron status indicators: a systematic review with meta-analyses. <i>Genes and Nutrition</i> , 2015, 10, 442.	2.5	27
155	Effect of the new HJV-L165X mutation on penetrance of HFE. <i>Blood</i> , 2007, 109, 5525-5526.	1.4	26
156	Surface-Affinity Profiling To Identify Host-Pathogen Interactions. <i>Infection and Immunity</i> , 2011, 79, 4777-4783.	2.2	26
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