

Guenter Weiss

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

20,683
citations

11235

73
h-index

14012

133
g-index

266
all docs

266
docs citations

266
times ranked

27528
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Beta variant infection elicits potent lineage-specific and cross-reactive antibodies. <i>Science</i> , 2022, 375, 782-787.	6.0	60
2	Upregulation of Checkpoint Ligand Programmed Death-Ligand 1 in Patients with Paroxysmal Nocturnal Hemoglobinuria Explained by Proximal Complement Activation. <i>Journal of Immunology</i> , 2022, 208, 1248-1258.	0.4	4
3	Chest CT of Lung Injury 1 Year after COVID-19 Pneumonia: The CovILD Study. <i>Radiology</i> , 2022, 304, 462-470.	3.6	55
4	Quantity of IgG response to SARS-CoV-2 spike glycoprotein predicts pulmonary recovery from COVID-19. <i>Scientific Reports</i> , 2022, 12, 3677.	1.6	4
5	Mitochondrial Respiration in Response to Iron Deficiency Anemia: Comparison of Peripheral Blood Mononuclear Cells and Liver. <i>Metabolites</i> , 2022, 12, 270.	1.3	4
6	The Impact of Iron Dyshomeostasis and Anaemia on Long-Term Pulmonary Recovery and Persisting Symptom Burden after COVID-19: A Prospective Observational Cohort Study. <i>Metabolites</i> , 2022, 12, 546.	1.3	11
7	DMT1 Protects Macrophages from Salmonella Infection by Controlling Cellular Iron Turnover and Lipocalin 2 Expression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6789.	1.8	12
8	Evaluating the clinical utility and sensitivity of SARS-CoV-2 antigen testing in relation to RT-PCR Ct values. <i>Infection</i> , 2021, 49, 555-557.	2.3	48
9	Impact of bacterial infections on erythropoiesis. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 1-15.	2.0	18
10	Systemic inflammation as fuel for acute liver injury in COVID-19. <i>Digestive and Liver Disease</i> , 2021, 53, 158-165.	0.4	63
11	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
12	Low-molecular-weight heparin use in coronavirus disease 2019 is associated with curtailed viral persistence: a retrospective multicentre observational study. <i>Cardiovascular Research</i> , 2021, 117, 2807-2820.	1.8	21
13	High expression of mTOR signaling in granulomatous lesions is not predictive for the clinical course of sarcoidosis. <i>Respiratory Medicine</i> , 2021, 177, 106294.	1.3	10
14	Comparative evaluation of four SARS-CoV-2 antigen tests in hospitalized patients. <i>International Journal of Infectious Diseases</i> , 2021, 105, 144-146.	1.5	23
15	Targeted COVID-19 Vaccination (TAV-COVID) Considering Limited Vaccination Capacities – An Agent-Based Modeling Evaluation. <i>Vaccines</i> , 2021, 9, 434.	2.1	27
16	ENVIRONMENTAL Aspects in Myelodysplastic Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5202.	1.8	0
17	Neurological outcome and quality of life 3 months after COVID-19: A prospective observational cohort study. <i>European Journal of Neurology</i> , 2021, 28, 3348-3359.	1.7	126
18	COPD exacerbations are related to poor air quality in Innsbruck: A retrospective pilot study. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2021, 50, 499-503.	0.8	5

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19	Cytokine-Mediated Regulation of ARG1 in Macrophages and Its Impact on the Control of Salmonella enterica Serovar Typhimurium Infection. <i>Cells</i> , 2021, 10, 1823.	1.8	15
20	Iron in immune cell function and host defense. <i>Seminars in Cell and Developmental Biology</i> , 2021, 115, 27-36.	2.3	84
21	Baseline iron status and presence of anaemia determine the course of systemic Salmonella infection following oral iron supplementation in mice. <i>EBioMedicine</i> , 2021, 71, 103568.	2.7	18
22	Dynamics in Anemia Development and Dysregulation of Iron Homeostasis in Hospitalized Patients with COVID-19. <i>Metabolites</i> , 2021, 11, 653.	1.3	24
23	Rapid antigen testing and non-infectious shedding of SARS-Cov2. <i>Infection</i> , 2021, 49, 789-790.	2.3	7
24	Neopterin Predicts Disease Severity in Hospitalized Patients With COVID-19. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa521.	0.4	25
25	Cardiopulmonary recovery after COVID-19: an observational prospective multicentre trial. <i>European Respiratory Journal</i> , 2021, 57, 2003481.	3.1	313
26	Cell-specific expression of <i>Hfe</i> determines the outcome of <i>Salmonella enterica</i> serovar Typhimurium infection in mice. <i>Haematologica</i> , 2021, 106, 0-0.	1.7	4
27	Nifedipine Potentiates Susceptibility of Salmonella Typhimurium to Different Classes of Antibiotics. <i>Antibiotics</i> , 2021, 10, 1200.	1.5	2
28	Physiology and Inflammation Driven Pathophysiology of Iron Homeostasis—Mechanistic Insights into Anemia of Inflammation and Its Treatment. <i>Nutrients</i> , 2021, 13, 3732.	1.7	36
29	Dietary Iron Overload and Hfe-Related Hemochromatosis Alter Hepatic Mitochondrial Function. <i>Antioxidants</i> , 2021, 10, 1818.	2.2	8
30	Prognostic impact of high sensitive Troponin T in patients with influenza virus infection: A retrospective analysis. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 105-109.	0.8	22
31	Clinical implications of partial anomalous pulmonary venous connection: a rare cause of severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	0.8	4
32	Immune Activation and Anemia Are Associated with Decreased Quality of Life in Patients with Solid Tumors. <i>Journal of Clinical Medicine</i> , 2020, 9, 3248.	1.0	5
33	Iron in health and disease. <i>Molecular Aspects of Medicine</i> , 2020, 75, 100906.	2.7	14
34	Type I Interferons Ameliorate Zinc Intoxication of <i>Candida glabrata</i> by Macrophages and Promote Fungal Immune Evasion. <i>IScience</i> , 2020, 23, 101121.	1.9	14
35	Genomic epidemiology of superspreading events in Austria reveals mutational dynamics and transmission properties of SARS-CoV-2. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	203
36	Prevalence and Predictive Value of Anemia and Dysregulated Iron Homeostasis in Patients with COVID-19 Infection. <i>Journal of Clinical Medicine</i> , 2020, 9, 2429.	1.0	163

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37	The Significance of iron deficiency and anemia in a real-life COPD cohort. <i>International Journal of Medical Sciences</i> , 2020, 17, 2232-2239.	1.1	18
38	Impact of Vitamin D Deficiency on COVID-19 – A Prospective Analysis from the CovILD Registry. <i>Nutrients</i> , 2020, 12, 2775.	1.7	93
39	Iron Supplementation Interferes With Immune Therapy of Murine Mammary Carcinoma by Inhibiting Anti-Tumor T Cell Function. <i>Frontiers in Oncology</i> , 2020, 10, 584477.	1.3	10
40	Tularemia Goes West: Epidemiology of an Emerging Infection in Austria. <i>Microorganisms</i> , 2020, 8, 1597.	1.6	20
41	Anaemia, iron status, and gender predict the outcome in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2020, 7, 1880-1890.	1.4	36
42	A fully human anti-BMP6 antibody reduces the need for erythropoietin in rodent models of the anemia of chronic disease. <i>Blood</i> , 2020, 136, 1080-1090.	0.6	22
43	Inflammation-Induced Tryptophan Breakdown is Related With Anemia, Fatigue, and Depression in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 249.	2.2	94
44	Will the COVID-19 pandemic slow down in the Northern hemisphere by the onset of summer? An epidemiological hypothesis. <i>Infection</i> , 2020, 48, 627-629.	2.3	8
45	Janus-faced course of COVID-19 infection in patients with hematological malignancies. <i>European Journal of Haematology</i> , 2020, 105, 502-504.	1.1	13
46	Anaemia, iron homeostasis and pulmonary hypertension: a review. <i>Internal and Emergency Medicine</i> , 2020, 15, 573-585.	1.0	37
47	Expansion of Neutrophils and Classical and Nonclassical Monocytes as a Hallmark in Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 594.	2.2	33
48	The haemochromatosis gene Hfe and Kupffer cells control LDL cholesterol homeostasis and impact on atherosclerosis development. <i>European Heart Journal</i> , 2020, 41, 3949-3959.	1.0	32
49	Faecal calprotectin indicates intestinal inflammation in COVID-19. <i>Gut</i> , 2020, 69, 1543-1544.	6.1	247
50	Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease. <i>Nature Communications</i> , 2020, 11, 1775.	5.8	143
51	Iron in infection and immunity. <i>Molecular Aspects of Medicine</i> , 2020, 75, 100864.	2.7	184
52	Reduced iron export associated with hepcidin resistance can explain the iron overload spectrum in ferroportin disease. <i>Liver International</i> , 2020, 40, 1941-1951.	1.9	10
53	Inflammation, iron and vitamin D metabolism in different cardiomyopathy aetiologies. <i>Pteridines</i> , 2020, 31, 28-37.	0.5	1
54	Assessment of neopterin and indoleamine 2,3-dioxygenase activity in patients with seasonal influenza: A pilot study. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 603-609.	1.5	14

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55	Dual-Energy Computed Tomography Detection of Cardiovascular Monosodium Urate Deposits in Patients With Gout. <i>JAMA Cardiology</i> , 2019, 4, 1019.	3.0	89
56	Dopamine Is a Siderophore-Like Iron Chelator That Promotes <i>Salmonella enterica</i> Serovar Typhimurium Virulence in Mice. <i>MBio</i> , 2019, 10, .	1.8	32
57	Multiple Influenza Virus Infections in 4 Consecutive Epidemiological Seasons: A Retrospective Study in Children and Adolescents. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz195.	0.4	10
58	Multicenter clinical experience of real life Dalbavancin use in gram-positive infections. <i>International Journal of Infectious Diseases</i> , 2019, 81, 210-214.	1.5	91
59	Enhanced labile plasma iron in hematopoietic stem cell transplanted patients promotes <i>Aspergillus</i> outgrowth. <i>Blood Advances</i> , 2019, 3, 1695-1700.	2.5	19
60	Does iron let boys grow faster?!. <i>Haematologica</i> , 2019, 104, 1503-1505.	1.7	0
61	The Role of Iron Regulation in Immunometabolism and Immune-Related Disease. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 116.	1.6	178
62	Neopterin is Associated with Disease Severity and Outcome in Patients with Non-Ischaemic Heart Failure. <i>Journal of Clinical Medicine</i> , 2019, 8, 2230.	1.0	10
63	<i>Leishmania donovani</i> Exploits Macrophage Heme Oxygenase-1 To Neutralize Oxidative Burst and TLR Signalingâ€”Dependent Host Defense. <i>Journal of Immunology</i> , 2019, 202, 827-840.	0.4	36
64	Anemia of inflammation. <i>Blood</i> , 2019, 133, 40-50.	0.6	609
65	Reduction of fluoroscopy dose for cardiac electrophysiology procedures: A feasibility and safety study. <i>European Journal of Radiology</i> , 2019, 110, 105-111.	1.2	11
66	Cystic echinococcosis in the thigh: a case report. <i>Infection</i> , 2019, 47, 323-329.	2.3	10
67	Association of mitochondrial iron deficiency and dysfunction with idiopathic restless legs syndrome. <i>Movement Disorders</i> , 2019, 34, 114-123.	2.2	21
68	Classical and intermediate monocytes scavenge non-transferrin-bound iron and damaged erythrocytes. <i>JCI Insight</i> , 2019, 4, .	2.3	42
69	38 th International Winter-Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics Innsbruck, February 26 th â€“ March 1 st , 2019. <i>Pteridines</i> , 2019, 30, 74-102.	0.5	1
70	Metabolic reprogramming of <i>Salmonella</i> infected macrophages and its modulation by iron availability and the mTOR pathway. <i>Microbial Cell</i> , 2019, 6, 531-543.	1.4	13
71	Disbalanced Erythroid Ferroportin Expression Contributes to Ineffective Erythroid Output in Anemia of Chronic Disease. <i>Blood</i> , 2019, 134, 3533-3533.	0.6	0
72	Iron and innate antimicrobial immunityâ€”Depriving the pathogen, defending the host. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 118-133.	1.5	82

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73	Role of divalent metals in infectious disease susceptibility and outcome. <i>Clinical Microbiology and Infection</i> , 2018, 24, 16-23.	2.8	96
74	Dopamine promotes cellular iron accumulation and oxidative stress responses in macrophages. <i>Biochemical Pharmacology</i> , 2018, 148, 193-201.	2.0	55
75	Nutrition and infection. <i>Clinical Microbiology and Infection</i> , 2018, 24, 8-9.	2.8	12
76	Iron in the Tumor Microenvironment—Connecting the Dots. <i>Frontiers in Oncology</i> , 2018, 8, 549.	1.3	108
77	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	13.7	174
78	Metabolic Signature of Dietary Iron Overload in a Mouse Model. <i>Cells</i> , 2018, 7, 264.	1.8	31
79	Established and Emerging Concepts to Treat Imbalances of Iron Homeostasis in Inflammatory Diseases. <i>Pharmaceuticals</i> , 2018, 11, 135.	1.7	29
80	The Role of Omega-3 Fatty Acids in the Setting of Coronary Artery Disease and COPD: A Review. <i>Nutrients</i> , 2018, 10, 1864.	1.7	25
81	37th International Winter-Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics. <i>Pteridines</i> , 2018, 29, 42-69.	0.5	1
82	Arachidonic Acid Metabolites in Cardiovascular and Metabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3285.	1.8	259
83	Active Human Complement Reduces the Zika Virus Load via Formation of the Membrane-Attack Complex. <i>Frontiers in Immunology</i> , 2018, 9, 2177.	2.2	33
84	Metabolic effects of reduced growth hormone action in fatty liver disease. <i>Hepatology International</i> , 2018, 12, 474-481.	1.9	29
85	The crucial impact of iron deficiency definition for the course of precapillary pulmonary hypertension. <i>PLoS ONE</i> , 2018, 13, e0203396.	1.1	24
86	Newly emerging ulceroglandular tularaemia in Western Austria. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1331-1333.	1.1	5
87	The endogenous antiseptic N-chlorotaurine irreversibly inactivates <i>Chlamydia pneumoniae</i> and <i>Chlamydia trachomatis</i> . <i>Journal of Medical Microbiology</i> , 2018, 67, 1410-1415.	0.7	2
88	A Fully Human Anti-BMP6 Antibody Reduces the Need for Erythropoietin Stimulating Agent in Two Rodent Anemia of Chronic Disease Models. <i>Blood</i> , 2018, 132, 1045-1045.	0.6	1
89	On Demand Recruitment of Macrophages Is Required for Erythroid Niche Formation during Stress Erythropoiesis in the Bone Marrow. <i>Blood</i> , 2018, 132, 848-848.	0.6	0
90	The PIDDosome activates p53 in response to supernumerary centrosomes. <i>Genes and Development</i> , 2017, 31, 34-45.	2.7	153

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91	Effect of weight loss on heme oxygenase-1 tissue expression. <i>Diabetes and Metabolism</i> , 2017, 43, 389-391.	1.4	0
92	Diagnostic and Prognostic Value of Inflammatory Parameters Including Neopterin in the Setting of Pneumonia, COPD, and Acute Exacerbations. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 298-303.	0.7	13
93	Disturbances in iron homeostasis result in accelerated rejection after experimental heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 732-743.	0.3	16
94	“Pumping iron” how macrophages handle iron at the systemic, microenvironmental, and cellular levels. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 397-418.	1.3	132
95	Dietary iron loading negatively affects liver mitochondrial function. <i>Metallomics</i> , 2017, 9, 1634-1644.	1.0	47
96	Cibinetide dampens innate immune cell functions thus ameliorating the course of experimental colitis. <i>Scientific Reports</i> , 2017, 7, 13012.	1.6	9
97	Reply to Letter by Arnott et al. <i>Journal of Infectious Diseases</i> , 2017, 215, 659-660.	1.9	0
98	Iron replacement therapy. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 128-135.	1.0	13
99	Heme oxygenase 1 controls early innate immune response of macrophages to <i>Salmonella</i> Typhimurium infection. <i>Cellular Microbiology</i> , 2016, 18, 1374-1389.	1.1	55
100	Lipocalin 2 Protects from Inflammation and Tumorigenesis Associated with Gut Microbiota Alterations. <i>Cell Host and Microbe</i> , 2016, 19, 455-469.	5.1	244
101	Iron deficiency or anemia of inflammation?. <i>Wiener Medizinische Wochenschrift</i> , 2016, 166, 411-423.	0.5	100
102	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016, 22, 945-951.	15.2	333
103	Inadequate hepcidin serum concentrations predict incident type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 187-192.	1.7	23
104	Novel biomarker and easy to perform ELISA for monitoring complement inhibition in patients with atypical hemolytic uremic syndrome treated with eculizumab. <i>Journal of Immunological Methods</i> , 2016, 435, 60-67.	0.6	6
105	Metallothioneins and renal ageing. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1444-1452.	0.4	14
106	Lipocalin 2 drives neutrophilic inflammation in alcoholic liver disease. <i>Journal of Hepatology</i> , 2016, 64, 872-880.	1.8	80
107	Correlates of serum hepcidin levels and its association with cardiovascular disease in an elderly general population. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 151-61.	1.4	21
108	Hypersensitivity to intravenous iron: classification, terminology, mechanisms and management. <i>British Journal of Pharmacology</i> , 2015, 172, 5025-5036.	2.7	124

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109	The Iron age of host-microbe interactions. <i>EMBO Reports</i> , 2015, 16, 1482-1500.	2.0	186
110	The Growth Attainment, Hematological, Iron Status and Inflammatory Profile of Guatemalan Juvenile End-Stage Renal Disease Patients. <i>PLoS ONE</i> , 2015, 10, e0140062.	1.1	3
111	Contrasting regulation of macrophage iron homeostasis in response to infection with <i>Listeria monocytogenes</i> depending on localization of bacteria. <i>Metallomics</i> , 2015, 7, 1036-1045.	1.0	28
112	Impaired hepcidin expression in alpha-1-antitrypsin deficiency associated with iron overload and progressive liver disease. <i>Human Molecular Genetics</i> , 2015, 24, 6254-6263.	1.4	30
113	Lipocalin-2 ensures host defense against <i>Salmonella</i> Typhimurium by controlling macrophage iron homeostasis and immune response. <i>European Journal of Immunology</i> , 2015, 45, 3073-3086.	1.6	53
114	Increased hepcidin levels in high-altitude pulmonary edema. <i>Journal of Applied Physiology</i> , 2015, 118, 292-298.	1.2	13
115	Heme Oxygenase-1 Gene Promoter Microsatellite Polymorphism Is Associated With Progressive Atherosclerosis and Incident Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 229-236.	1.1	49
116	Anemia of Chronic Disorders: New Diagnostic Tools and New Treatment Strategies. <i>Seminars in Hematology</i> , 2015, 52, 313-320.	1.8	80
117	Iron Regulatory Proteins Mediate Host Resistance to <i>Salmonella</i> Infection. <i>Cell Host and Microbe</i> , 2015, 18, 254-261.	5.1	92
118	Macrophage defense mechanisms against intracellular bacteria. <i>Immunological Reviews</i> , 2015, 264, 182-203.	2.8	724
119	Calprotectin and iron match up. <i>Nature Chemical Biology</i> , 2015, 11, 756-757.	3.9	3
120	Intravenous iron administration: new observations and time for the next steps. <i>Kidney International</i> , 2015, 87, 10-12.	2.6	7
121	The Authors Reply. <i>Kidney International</i> , 2015, 87, 1262.	2.6	2
122	Dietary iron supplementation: a proinflammatory attack on the intestine?. <i>Gut</i> , 2015, 64, 696-697.	6.1	13
123	"Ride on the ferrous wheel" - The cycle of iron in macrophages in health and disease. <i>Immunobiology</i> , 2015, 220, 280-294.	0.8	65
124	From tissue iron retention to low systemic haemoglobin levels, new pathophysiological biomarkers of human abdominal aortic aneurysm. <i>Thrombosis and Haemostasis</i> , 2014, 112, 87-95.	1.8	30
125	Hypoxia induced downregulation of hepcidin is mediated by platelet derived growth factor BB. <i>Gut</i> , 2014, 63, 1951-1959.	6.1	127
126	Hypersensitivity reactions to intravenous iron: guidance for risk minimization and management. <i>Haematologica</i> , 2014, 99, 1671-1676.	1.7	235

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127	Hepcidin as a predictive factor and therapeutic target in erythropoiesis-stimulating agent treatment for anemia of chronic disease in rats. <i>Haematologica</i> , 2014, 99, 1516-1524.	1.7	44
128	Mechanisms of plasma non-transferrin bound iron generation: insights from comparing transfused diamond blackfan anaemia with sickle cell and thalassaemia patients. <i>British Journal of Haematology</i> , 2014, 167, 692-696.	1.2	54
129	Fibrates ameliorate the course of bacterial sepsis by promoting neutrophil recruitment via CXCR2. <i>EMBO Molecular Medicine</i> , 2014, 6, 810-820.	3.3	29
130	The Arachidonic Acid Metabolome Serves as a Conserved Regulator of Cholesterol Metabolism. <i>Cell Metabolism</i> , 2014, 20, 787-798.	7.2	92
131	Iron at the interface of immunity and infection. <i>Frontiers in Pharmacology</i> , 2014, 5, 152.	1.6	260
132	Haptoglobin 2-2 Genotype is Not Associated With Cardiovascular Risk in Subjects With Elevated Glycohemoglobin Results From the Bruneck Study. <i>Journal of the American Heart Association</i> , 2014, 3, e000732.	1.6	27
133	Microbial hijacking of mammalian iron shuttling. <i>Journal of Experimental Medicine</i> , 2014, 211, 1009-1009.	4.2	0
134	Iron ERRs with Salmonella. <i>Cell Host and Microbe</i> , 2014, 15, 515-516.	5.1	11
135	Iron Supplementation and Mortality in Incident Dialysis Patients: An Observational Study. <i>PLoS ONE</i> , 2014, 9, e114144.	1.1	31
136	Dysregulation of iron and copper homeostasis in nonalcoholic fatty liver. <i>World Journal of Hepatology</i> , 2014, 7, 177.	0.8	80
137	Neutrophil gelatinase-associated lipocalin and interleukin-10 regulate intramacrophage Chlamydia pneumoniae replication by modulating intracellular iron homeostasis. <i>Immunobiology</i> , 2013, 218, 969-978.	0.8	44
138	The complex interplay of iron metabolism, reactive oxygen species, and reactive nitrogen species: Insights into the potential of various iron therapies to induce oxidative and nitrosative stress. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1174-1194.	1.3	334
139	Intestinal Irony: How Probiotic Bacteria Outcompete Bad Bugs. <i>Cell Host and Microbe</i> , 2013, 14, 3-4.	5.1	15
140	Anaemia in inflammatory rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2013, 9, 205-215.	3.5	108
141	Immunomodulatory effects in vitro of vitamin K antagonist acenocoumarol. <i>Thrombosis Research</i> , 2013, 131, e264-e269.	0.8	12
142	A hepcidin lowering agent mobilizes iron for incorporation into red blood cells in an adenine-induced kidney disease model of anemia in rats. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 1733-1743.	0.4	47
143	Nitric oxide-mediated regulation of ferroportin-1 controls macrophage iron homeostasis and immune function in Salmonella infection. <i>Journal of Experimental Medicine</i> , 2013, 210, 855-873.	4.2	174
144	Iron status in patients with chronic heart failure. <i>European Heart Journal</i> , 2013, 34, 827-834.	1.0	212

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145	Monitoring iron therapy in chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 711-712.	2.9	4
146	Homocysteine metabolism in different human cells. <i>Pteridines</i> , 2013, 24, 183-189.	0.5	0
147	Adaptation of iron transport and metabolism to acute high-altitude hypoxia in mountaineers. <i>Hepatology</i> , 2013, 58, 2153-2162.	3.6	71
148	Lipocalin-2 Expressed in Innate Immune Cells Is an Endogenous Inhibitor of Inflammation in Murine Nephrotoxic Serum Nephritis. <i>PLoS ONE</i> , 2013, 8, e67693.	1.1	38
149	Lipocalin 2 deactivates macrophages and worsens pneumococcal pneumonia outcomes. <i>Journal of Clinical Investigation</i> , 2013, 123, 3363-3372.	3.9	124
150	The role of endocytic pathways in cellular uptake of plasma non-transferrin iron. <i>Haematologica</i> , 2012, 97, 670-678.	1.7	41
151	The late endosomal adaptor p14 is a macrophage host defense factor against <i>Salmonella Typhimurium</i> infection. <i>Journal of Cell Science</i> , 2012, 125, 2698-708.	1.2	30
152	Slc11a1 (Nramp1) impairs growth of <i>Salmonella enterica</i> serovar <i>typhimurium</i> in macrophages via stimulation of lipocalin-2 expression. <i>Journal of Leukocyte Biology</i> , 2012, 92, 353-359.	1.5	63
153	Impact of Oral Iron Challenges on Circulating Non-Transferrin-Bound Iron in Healthy Guatemalan Males. <i>Annals of Nutrition and Metabolism</i> , 2012, 60, 98-107.	1.0	19
154	Asymmetric Dimethylarginine Concentrations Decrease in Patients with HIV Infection under Antiretroviral Therapy. <i>Antiviral Therapy</i> , 2012, 17, 1021-1027.	0.6	12
155	MRI-Based Liver Iron Content Predicts for Nonrelapse Mortality in MDS and AML Patients Undergoing Allogeneic Stem Cell Transplantation. <i>Clinical Cancer Research</i> , 2012, 18, 6460-6468.	3.2	66
156	Lipocalin-2 ameliorates granulocyte functionality. <i>European Journal of Immunology</i> , 2012, 42, 3346-3357.	1.6	116
157	The pleiotropic effects of erythropoietin in infection and inflammation. <i>Microbes and Infection</i> , 2012, 14, 238-246.	1.0	136
158	High-fat diet causes iron deficiency via hepcidin-independent reduction of duodenal iron absorption. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1600-1608.	1.9	102
159	Candidate Gene Sequencing of SLC11A2 and TMPRSS6 in a Family with Severe Anaemia: Common SNPs, Rare Haplotypes, No Causative Mutation. <i>PLoS ONE</i> , 2012, 7, e35015.	1.1	21
160	Fatigue in Patients with Lung Cancer Is Related with Accelerated Tryptophan Breakdown. <i>PLoS ONE</i> , 2012, 7, e36956.	1.1	32
161	Erythropoietin and cancer - a poorly understood liaison!. <i>Chinese Clinical Oncology</i> , 2012, 1, 26.	0.4	0
162	Iron in the inflamed gut: another pro-inflammatory hit?. <i>Gut</i> , 2011, 60, 287-288.	6.1	6

#	ARTICLE	IF	CITATIONS
163	Mass Spectrometry Analysis of Hepcidin Peptides in Experimental Mouse Models. PLoS ONE, 2011, 6, e16762.	1.1	25
164	Rescuing iron-overloaded macrophages by conservative relocation of the accumulated metal. British Journal of Pharmacology, 2011, 164, 406-418.	2.7	28
165	Accuracy of bedside antigen tests in the diagnosis of new influenza A/H1N1v infection. Clinical Microbiology and Infection, 2011, 17, 235-237.	2.8	7
166	Bioavailability of zinc from NutriSet zinc tablets compared with aqueous zinc sulfate. European Journal of Clinical Nutrition, 2011, 65, 125-131.	1.3	9
167	Effects of Erythropoietin on Frataxin Levels and Mitochondrial Function in Friedreich Ataxia – a Dose-Response Trial. Cerebellum, 2011, 10, 763-769.	1.4	34
168	Erythropoietin Contrastingly Affects Bacterial Infection and Experimental Colitis by Inhibiting Nuclear Factor- κ B-Inducible Immune Pathways. Immunity, 2011, 34, 61-74.	6.6	167
169	Impact of iron treatment on immune effector function and cellular iron status of circulating monocytes in dialysis patients. Nephrology Dialysis Transplantation, 2011, 26, 977-987.	0.4	47
170	Nifedipine Affects the Course of Salmonella enterica Serovar Typhimurium Infection by Modulating Macrophage Iron Homeostasis. Journal of Infectious Diseases, 2011, 204, 685-694.	1.9	30
171	Distinct Clinical and Immunologic Profiles in Severe Malarial Anemia and Cerebral Malaria in Zambia. Journal of Infectious Diseases, 2011, 203, 211-219.	1.9	58
172	Reproducibility of and Correspondence among Different Hepcidin Forms in Blood and Urine and Their Relationships to Iron Status in Healthy, Male Guatemalan Volunteers Observed over 9 Weeks. Annals of Nutrition and Metabolism, 2011, 58, 158-166.	1.0	1
173	Identification of a common variant in the TFR2 gene implicated in the physiological regulation of serum iron levels. Human Molecular Genetics, 2011, 20, 1232-1240.	1.4	67
174	Pathways for the regulation of hepcidin expression in anemia of chronic disease and iron deficiency anemia in vivo. Haematologica, 2011, 96, 1761-1769.	1.7	63
175	Pathogenesis and treatment of anemia in inflammatory bowel disease. Haematologica, 2010, 95, 175-178.	1.7	80
176	Iron absorption and distribution in TNF α ARE/+ mice, a model of chronic inflammation. Journal of Trace Elements in Medicine and Biology, 2010, 24, 58-66.	1.5	15
177	Growth differentiation factor 15 in anaemia of chronic disease, iron deficiency anaemia and mixed type anaemia. British Journal of Haematology, 2010, 148, 449-455.	1.2	66
178	The struggle for iron - a metal at the host-pathogen interface. Cellular Microbiology, 2010, 12, 1691-1702.	1.1	332
179	Synovial immunopathology in haemochromatosis arthropathy. Annals of the Rheumatic Diseases, 2010, 69, 1214-1219.	0.5	55
180	Clinical Potential of C-Reactive Protein and Procalcitonin Serum Concentrations To Guide Differential Diagnosis and Clinical Management of Pneumococcal and Legionella Pneumonia. Journal of Clinical Microbiology, 2010, 48, 1915-1917.	1.8	27

#	ARTICLE	IF	CITATIONS
181	Genetic mechanisms and modifying factors in hereditary hemochromatosis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2010, 7, 50-58.	8.2	71
182	Divergent modulation of <i>Chlamydia pneumoniae</i> infection cycle in human monocytic and endothelial cells by iron, tryptophan availability and interferon gamma. <i>Immunobiology</i> , 2010, 215, 842-848.	0.8	34
183	Neopterin, a prognostic marker in human malignancies. <i>Cancer Letters</i> , 2010, 287, 13-22.	3.2	138
184	Tim3 Is Upregulated and Protective in Nephrotoxic Serum Nephritis. <i>American Journal of Pathology</i> , 2010, 176, 1716-1724.	1.9	17
185	Pitfalls in the Diagnosis and Therapy of Infections in Elderly Patients – A Mini-Review. <i>Gerontology</i> , 2009, 55, 241-249.	1.4	44
186	New Pharmacological Concepts for the Treatment of Iron Overload Disorders. <i>Current Medicinal Chemistry</i> , 2009, 16, 576-590.	1.2	12
187	Regulation of iron homeostasis in anemia of chronic disease and iron deficiency anemia: diagnostic and therapeutic implications. <i>Blood</i> , 2009, 113, 5277-5286.	0.6	348
188	Serum hepcidin concentration in chronic haemodialysis patients: associations and effects of dialysis, iron and erythropoietin therapy. <i>European Journal of Clinical Investigation</i> , 2009, 39, 883-890.	1.7	105
189	Slc11a1 limits intracellular growth of <i>Salmonella enterica</i> sv. Typhimurium by promoting macrophage immune effector functions and impairing bacterial iron acquisition. <i>Cellular Microbiology</i> , 2009, 11, 1365-1381.	1.1	89
190	Iron metabolism in the anemia of chronic disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 682-693.	1.1	264
191	Plasma concentrations of the cardiovascular risk factor asymmetric dimethylarginine (ADMA) are increased in patients with HIV-1 infection and correlate with immune activation markers. <i>Pharmacological Research</i> , 2009, 60, 508-514.	3.1	27
192	Kupffer cells modulate iron homeostasis in mice via regulation of hepcidin expression. <i>Journal of Molecular Medicine</i> , 2008, 86, 825-835.	1.7	51
193	Interferon- γ limits the availability of iron for intramacrophage <i>Salmonella typhimurium</i> . <i>European Journal of Immunology</i> , 2008, 38, 1923-1936.	1.6	137
194	<i>Nramp1</i> functionality increases iNOS expression via repression of IL-10 formation. <i>European Journal of Immunology</i> , 2008, 38, 3060-3067.	1.6	54
195	IFN-gamma mediated pathways in patients with fatigue and chronic active Epstein Barr virus-infection. <i>Journal of Affective Disorders</i> , 2008, 108, 171-176.	2.0	38
196	Effects of the <i>Aspergillus fumigatus</i> siderophore systems on the regulation of macrophage immune effector pathways and iron homeostasis. <i>Immunobiology</i> , 2008, 213, 767-778.	0.8	49
197	Quality of life and immune activation in patients with HIV-infection. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 881-889.	2.0	68
198	Association between plasma thiols and immune activation marker neopterin in stable coronary heart disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 648-54.	1.4	7

#	ARTICLE	IF	CITATIONS
199	An Unusual Case of Intrauterine Symptomatic Neonatal Liver Failure. <i>Klinische Padiatrie</i> , 2008, 220, 32-36.	0.2	9
200	Autocrine formation of hepcidin induces iron retention in human monocytes. <i>Blood</i> , 2008, 111, 2392-2399.	0.6	255
201	Iron caught on the shuttle. <i>Blood</i> , 2008, 111, 980-980.	0.6	1
202	Indoleamine-2, 3-Dioxygenase and Other Interferon- γ -Mediated Pathways in Patients with Human Immunodeficiency Virus Infection. <i>Current Drug Metabolism</i> , 2007, 8, 225-236.	0.7	56
203	Antioxidants Suppress Th1-Type Immune Response In Vitro. <i>Drug Metabolism Letters</i> , 2007, 1, 166-171.	0.5	32
204	Hypoxia up-regulates the angiogenic cytokine secretoneurin via an HIF-1 α - and basic FGF-dependent pathway in muscle cells. <i>FASEB Journal</i> , 2007, 21, 2906-2917.	0.2	62
205	Ca ²⁺ channel blockers reverse iron overload by a new mechanism via divalent metal transporter-1. <i>Nature Medicine</i> , 2007, 13, 448-454.	15.2	145
206	The co-ordinated regulation of iron homeostasis in murine macrophages limits the availability of iron for intracellular <i>Salmonella typhimurium</i> . <i>Cellular Microbiology</i> , 2007, 9, 2126-2140.	1.1	174
207	Increased Asymmetric Dimethylarginine Concentrations in Stimulated Peripheral Blood Mononuclear Cells. <i>Scandinavian Journal of Immunology</i> , 2007, 65, 525-529.	1.3	13
208	Short term protective effects of iron in a murine model of ischemia/reperfusion. <i>BioMetals</i> , 2007, 20, 205-215.	1.8	8
209	Dysregulated monocyte iron homeostasis and erythropoietin formation in patients with anemia of chronic disease. <i>Blood</i> , 2006, 107, 4142-4148.	0.6	159
210	Monitoring of hematological, inflammatory and oxidative reactions to acute oral iron exposure in human volunteers: Preliminary screening for selection of potentially-responsive biomarkers. <i>Toxicology</i> , 2005, 212, 10-23.	2.0	42
211	Regulatory networks for the control of body iron homeostasis and their dysregulation in HFE mediated hemochromatosis. <i>Journal of Cellular Physiology</i> , 2005, 204, 489-499.	2.0	44
212	The Macrophage: A Cellular Factory at the Interphase Between Iron and Immunity for the Control of Infections. <i>BioMetals</i> , 2005, 18, 359-367.	1.8	71
213	The kinase inhibitor imatinib mesylate inhibits TNF- α production in vitro and prevents TNF-dependent acute hepatic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13622-13627.	3.3	121
214	Anemia of Chronic Disease. <i>New England Journal of Medicine</i> , 2005, 352, 1011-1023.	13.9	2,806
215	Pathways for the regulation of body iron homeostasis in response to experimental iron overload. <i>Journal of Hepatology</i> , 2005, 43, 711-719.	1.8	50
216	Modification of iron regulation by the inflammatory response. <i>Best Practice and Research in Clinical Haematology</i> , 2005, 18, 183-201.	0.7	129

#	ARTICLE	IF	CITATIONS
217	Iron Regulates Hepatitis C Virus Translation via Stimulation of Expression of Translation Initiation Factor 3. <i>Journal of Infectious Diseases</i> , 2004, 190, 819-825.	1.9	68
218	Iron, anaemia, and inflammatory bowel diseases. <i>Gut</i> , 2004, 53, 1190-1197.	6.1	397
219	Possible role of cytokine-induced tryptophan degradation in anaemia of inflammation. <i>European Journal of Haematology</i> , 2004, 72, 130-134.	1.1	46
220	Increased Expression of CCL20 in Human Inflammatory Bowel Disease. <i>Journal of Clinical Immunology</i> , 2004, 24, 74-85.	2.0	174
221	Duodenal HFE expression and hepcidin levels determine body iron homeostasis: modulation by genetic diversity and dietary iron availability. <i>Journal of Molecular Medicine</i> , 2004, 82, 373-382.	1.7	51
222	Thromboembolic complications after splenectomy for hematologic diseases. <i>American Journal of Hematology</i> , 2004, 76, 143-147.	2.0	96
223	Increase of haemoglobin levels by anti-retroviral therapy is associated with a decrease in immune activation. <i>European Journal of Haematology</i> , 2003, 70, 17-25.	1.1	25
224	Effect of iron treatment on circulating cytokine levels in ESRD patients receiving recombinant human erythropoietin. <i>Kidney International</i> , 2003, 64, 572-578.	2.6	94
225	Atorvastatin suppresses interferon- \hat{I}^3 -induced neopterin formation and tryptophan degradation in human peripheral blood mononuclear cells and in monocytic cell lines. <i>Clinical and Experimental Immunology</i> , 2003, 131, 264-267.	1.1	74
226	Pathways for the regulation of interferon- \hat{I}^3 -inducible genes by iron in human monocytic cells. <i>Journal of Leukocyte Biology</i> , 2003, 74, 287-294.	1.5	103
227	Unsuspected mesenteric vein thrombosis in a patient with a hereditary bleeding disorder. <i>Blood Coagulation and Fibrinolysis</i> , 2003, 14, 599-600.	0.5	5
228	Cytokine-mediated regulation of iron transport in human monocytic cells. <i>Blood</i> , 2003, 101, 4148-4154.	0.6	370
229	Effects of Synthetic Siderophores on Proliferation of Plasmodium falciparum in Infected Human Erythrocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2010-2013.	1.4	10
230	Association between increased iron stores and impaired endothelial function in patients with hereditary hemochromatosis. <i>Journal of the American College of Cardiology</i> , 2002, 40, 2189-2194.	1.2	131
231	Erythroid 5-aminolevulinate synthase, ferrochelatase and DMT1 expression in erythroid progenitors: differential pathways for erythropoietin and iron-dependent regulation. <i>British Journal of Haematology</i> , 2002, 118, 619-626.	1.2	15
232	Long-term sequelae of HFE deletion in C57BL/6 $\hat{A}\hat{A}$ - $\hat{A}129/O1a$ mice, an animal model for hereditary haemochromatosis. <i>European Journal of Clinical Investigation</i> , 2002, 32, 603-612.	1.7	30
233	Pathogenesis and treatment of anaemia of chronic disease. <i>Blood Reviews</i> , 2002, 16, 87-96.	2.8	249
234	Modulation of Cellular Iron Metabolism by Hydrogen Peroxide. <i>Journal of Biological Chemistry</i> , 2001, 276, 19738-19745.	1.6	107

#	ARTICLE	IF	CITATIONS
235	Pronounced postprandial lipemia impairs endothelium-dependent dilation of the brachial artery in men. <i>Cardiovascular Research</i> , 2001, 52, 509-516.	1.8	87
236	Relationship between TNF- α and iron metabolism in differentiating human monocytic THP-1 cells. <i>British Journal of Haematology</i> , 2000, 110, 978-984.	1.2	52
237	Severe anaemia in Zambian children with <i>Plasmodium falciparum</i> malaria. <i>Tropical Medicine and International Health</i> , 2000, 5, 9-16.	1.0	65
238	Modulation of neopterin formation and tryptophan degradation by Th1- and Th2-derived cytokines in human monocytic cells. <i>Clinical and Experimental Immunology</i> , 1999, 116, 435-440.	1.1	128
239	The eosinophilic response and haematological recovery after treatment for <i>Plasmodium falciparum</i> malaria. <i>Tropical Medicine and International Health</i> , 1999, 4, 471-475.	1.0	20
240	Dexrazoxane (ICRF-187). <i>General Pharmacology</i> , 1999, 32, 155-158.	0.7	33
241	T-cell subsets in schizophrenia: a comparison between drug-naive first episode patients and chronic schizophrenic patients. <i>Schizophrenia Research</i> , 1999, 38, 61-70.	1.1	68
242	Prolonged macrophage activation and persistent anaemia in children with complicated malaria. <i>Tropical Medicine and International Health</i> , 1998, 3, 60-65.	1.0	36
243	Unidirectional upregulation of the synthesis of the major iron proteins, transferrin-receptor and ferritin, in HepG2 cells by the acute-phase protein α_1 -antitrypsin. <i>Journal of Hepatology</i> , 1997, 27, 716-725.	1.8	21
244	Increased production of immune activation marker neopterin by colony-stimulating factors in gynecological cancer patients. <i>International Journal of Cancer</i> , 1994, 58, 20-23.	2.3	10
245	Nitric oxide and the post-transcriptional control of cellular iron traffic. <i>Trends in Cell Biology</i> , 1994, 4, 82-86.	3.6	48
246	Raised nitrate concentrations in chronic heart disease. <i>Lancet, The</i> , 1994, 344, 960-961.	6.3	7
247	Increased concentrations of neopterin in carotid atherosclerosis. <i>Atherosclerosis</i> , 1994, 106, 263-271.	0.4	120
248	Weight loss in patients with hematological neoplasias is associated with immune system stimulation. <i>The Clinical Investigator</i> , 1993, 71, 37-41.	0.6	54
249	Determination of renal clearance of neopterin by a pharmacokinetic approach. <i>FEBS Letters</i> , 1993, 329, 13-16.	1.3	18
250	Effect of pteridine derivatives on intracellular calcium concentration in human monocytic cells. <i>FEBS Letters</i> , 1993, 318, 249-252.	1.3	22
251	Neopterin modulates toxicity mediated by reactive oxygen and chloride species. <i>FEBS Letters</i> , 1993, 321, 89-92.	1.3	154
252	The Role of Neopterin as a Monitor of Cellular Immune Activation in Transplantation, Inflammatory, Infectious, and Malignant Diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1992, 29, 307-344.	2.7	284

#	ARTICLE	IF	CITATIONS
253	Association between serum-soluble CD8 levels and parameters of immune activation in patients with human immunodeficiency virus infection. <i>The Clinical Investigator</i> , 1992, 70, 662-4.	0.6	3
254	Postoperative delirium and plasma tryptophan. <i>Lancet, The</i> , 1991, 338, 1078.	6.3	4
255	Peak E contaminated L-tryptophan and immune activation. <i>Lancet, The</i> , 1991, 338, 511.	6.3	8
256	Cytokine-induced increase in liver serotonin. <i>Immunology Letters</i> , 1991, 28, 259.	1.1	2
257	Replication-linked histone acetylation in rat liver tissue is sensitive to alkylating agents. <i>FEBS Letters</i> , 1990, 264, 141-144.	1.3	9
258	The maximum of the histone acetyltransferase activity precedes DNA-synthesis in regenerating rat liver. <i>FEBS Letters</i> , 1988, 238, 205-210.	1.3	16