

# Andrew E Armitage

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,491  
citations

201674

27  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepcidin regulation by innate immune and infectious stimuli. <i>Blood</i> , 2011, 118, 4129-4139.	1.4	252
2	Host-mediated regulation of superinfection in malaria. <i>Nature Medicine</i> , 2011, 17, 732-737.	30.7	212
3	Erythroferrone inhibits the induction of hepcidin by BMP6. <i>Blood</i> , 2018, 132, 1473-1477.	1.4	202
4	Hepcidin is the major predictor of erythrocyte iron incorporation in anemic African children. <i>Blood</i> , 2012, 119, 1922-1928.	1.4	149
5	Expression of the Iron Hormone Hepcidin Distinguishes Different Types of Anemia in African Children. <i>Science Translational Medicine</i> , 2014, 6, 235re3.	12.4	95
6	Conflicting selective forces affect T cell receptor contacts in an immunodominant human immunodeficiency virus epitope. <i>Nature Immunology</i> , 2006, 7, 179-189.	14.5	91
7	Nrf2 controls iron homeostasis in haemochromatosis and thalassaemia via Bmp6 and hepcidin. <i>Nature Metabolism</i> , 2019, 1, 519-531.	11.9	88
8	Distinct patterns of hepcidin and iron regulation during HIV-1, HBV, and HCV infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12187-12192.	7.1	79
9	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. <i>Journal of Nutrition</i> , 2021, 151, 1854-1878.	2.9	79
10	Conserved Footprints of APOBEC3G on Hypermutated Human Immunodeficiency Virus Type 1 and Human Endogenous Retrovirus HERV-K(HML2) Sequences. <i>Journal of Virology</i> , 2008, 82, 8743-8761.	3.4	75
11	Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. <i>Clinical Chemistry</i> , 2016, 62, 993-1001.	3.2	73
12	APOBEC3G-Induced Hypermutation of Human Immunodeficiency Virus Type-1 Is Typically a Discrete "All or Nothing" Phenomenon. <i>PLoS Genetics</i> , 2012, 8, e1002550.	3.5	65
13	Hepatic iron is the major determinant of serum ferritin in <sc>NAFLD</sc> patients. <i>Liver International</i> , 2018, 38, 164-173.	3.9	65
14	Serum Hepcidin Concentrations Decline during Pregnancy and May Identify Iron Deficiency: Analysis of a Longitudinal Pregnancy Cohort in The Gambia. <i>Journal of Nutrition</i> , 2017, 147, 1131-1137.	2.9	61
15	Combinatorial effects of malaria season, iron deficiency, and inflammation determine plasma hepcidin concentration in African children. <i>Blood</i> , 2014, 123, 3221-3229.	1.4	60
16	Hepcidin is suppressed by erythropoiesis in hemoglobin E $\beta^2$ -thalassemia and $\beta^2$ -thalassemia trait. <i>Blood</i> , 2015, 125, 873-880.	1.4	56
17	Reducing anaemia in low income countries: control of infection is essential. <i>BMJ: British Medical Journal</i> , 2018, 362, k3165.	2.3	55
18	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. <i>Med</i> , 2021, 2, 164-179.e12.	4.4	53

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19	A cross-sectional study of the prevalence and associations of iron deficiency in a cohort of patients with chronic obstructive pulmonary disease. <i>BMJ Open</i> , 2015, 5, e007911.	1.9	48
20	Antibodies against the erythroferrone N-terminal domain prevent hepcidin suppression and ameliorate murine thalassemia. <i>Blood</i> , 2020, 135, 547-557.	1.4	47
21	Transcriptomic profiling of the myeloma bone-lining niche reveals BMP signalling inhibition to improve bone disease. <i>Nature Communications</i> , 2019, 10, 4533.	12.8	46
22	Hepcidin is regulated by promoter-associated histone acetylation and HDAC3. <i>Nature Communications</i> , 2017, 8, 403.	12.8	45
23	Antiviral activity of bone morphogenetic proteins and activins. <i>Nature Microbiology</i> , 2019, 4, 339-351.	13.3	39
24	Rapidly Escalating Hepcidin and Associated Serum Iron Starvation Are Features of the Acute Response to Typhoid Infection in Humans. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004029.	3.0	38
25	The Importance of Iron Status for Young Children in Low- and Middle-Income Countries: A Narrative Review. <i>Pharmaceuticals</i> , 2019, 12, 59.	3.8	36
26	Rapid growth is a dominant predictor of hepcidin suppression and declining ferritin in Gambian infants. <i>Haematologica</i> , 2019, 104, 1542-1553.	3.5	34
27	Respiratory infections drive hepcidin-mediated blockade of iron absorption leading to iron deficiency anemia in African children. <i>Science Advances</i> , 2019, 5, eaav9020.	10.3	30
28	Changes in micronutrient and inflammation serum biomarker concentrations after a norovirus human challenge. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1456-1464.	4.7	29
29	<i>Plasmodium falciparum</i> infected erythrocytes induce hepcidin ( <i>HAMP</i> ) mRNA synthesis by peripheral blood mononuclear cells. <i>British Journal of Haematology</i> , 2009, 147, 769-771.	2.5	26
30	Malaria and Age Variably but Critically Control Hepcidin Throughout Childhood in Kenya. <i>EBioMedicine</i> , 2015, 2, 1478-1486.	6.1	26
31	Elevated Hepcidin Is Part of a Complex Relation That Links Mortality with Iron Homeostasis and Anemia in Men and Women with HIV Infection. <i>Journal of Nutrition</i> , 2015, 145, 1194-1201.	2.9	26
32	Optimizing hepcidin measurement with a proficiency test framework and standardization improvement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 315-323.	2.3	23
33	Possible Footprints of APOBEC3F and/or Other APOBEC3 Deaminases, but Not APOBEC3G, on HIV-1 from Patients with Acute/Early and Chronic Infections. <i>Journal of Virology</i> , 2014, 88, 12882-12894.	3.4	21
34	Hepcidin detects iron deficiency in <i>S</i> <i>L</i> ankan adolescents with a high burden of hemoglobinopathy: A diagnostic test accuracy study. <i>American Journal of Hematology</i> , 2017, 92, 196-203.	4.1	21
35	The battle for iron. <i>Science</i> , 2014, 346, 1299-1300.	12.6	20
36	Role of Activins in Hepcidin Regulation during Malaria. <i>Infection and Immunity</i> , 2017, 85, .	2.2	20

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37	Functional characteristics of HIV-1 subtype C compatible with increased heterosexual transmissibility. <i>Aids</i> , 2009, 23, 1047-1057.	2.2	19
38	Hepcidin-guided screen-and-treat interventions against iron-deficiency anaemia in pregnancy: a randomised controlled trial in The Gambia. <i>The Lancet Global Health</i> , 2019, 7, e1564-e1574.	6.3	17
39	Induced Disruption of the Iron-Regulatory Hormone Hepcidin Inhibits Acute Inflammatory Hypoferraemia. <i>Journal of Innate Immunity</i> , 2016, 8, 517-528.	3.8	15
40	Analysis of Iron and Iron-Interacting Protein Dynamics During T-Cell Activation. <i>Frontiers in Immunology</i> , 2021, 12, 714613.	4.8	13
41	Decreased Hepcidin Levels Are Associated with Low Steady-state Hemoglobin in Children With Sickle Cell Disease in Tanzania. <i>EBioMedicine</i> , 2018, 34, 158-164.	6.1	8
42	The p.H63D allele of the HFE gene protects against low iron stores in Sri Lanka. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 76, 72-77.	1.4	4
43	Evaluation of perturbed iron-homeostasis in a prospective cohort of patients with COVID-19. <i>Wellcome Open Research</i> , 0, 7, 173.	1.8	4
44	Reply to: Hepcidin in malaria superinfection: can findings be translated to humans?. <i>Nature Medicine</i> , 2011, 17, 1341-1342.	30.7	3
45	The diagnostic potential of the iron-regulatory hormone hepcidin. <i>HemaSphere</i> , 2019, 3, 100-103.	2.7	3
46	HIV-Associated Tuberculosis: Does the Iron-Regulatory Hormone Hepcidin Connect Anemia With Poor Prognosis?. <i>Journal of Infectious Diseases</i> , 2016, 213, 3-5.	4.0	2
47	Erythroferrone Inhibits the Induction of Hepcidin By BMP6. <i>Blood</i> , 2018, 132, 850-850.	1.4	1
48	TB or not TB? Soft pity opens the iron gates. <i>Blood</i> , 2021, 138, 1285-1287.	1.4	0
49	Antibodies Against the Erythroferrone N-Terminal Domain Prevent Hepcidin Suppression and Ameliorate Murine Thalassemia. <i>Blood</i> , 2019, 134, 964-964.	1.4	0