

# Tomas Ganz

## List of Publications by Year in descending order

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393  
papers

64,094  
citations

640

123  
h-index

871

243  
g-index

405  
all docs

405  
docs citations

405  
times ranked

35647  
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	Defensins: antimicrobial peptides of innate immunity. <i>Nature Reviews Immunology</i> , 2003, 3, 710-720.	10.6	2,647
3	Endogenous Antimicrobial Peptides and Skin Infections in Atopic Dermatitis. <i>New England Journal of Medicine</i> , 2002, 347, 1151-1160.	13.9	2,084
4	Hepcidin, a Urinary Antimicrobial Peptide Synthesized in the Liver. <i>Journal of Biological Chemistry</i> , 2001, 276, 7806-7810.	1.6	1,829
5	IL-6 mediates hypoferrremia 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
6	Hepcidin, a key regulator of iron metabolism and mediator of anemia of inflammation. <i>Blood</i> , 2003, 102, 783-788.	0.6	1,306
7	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
8	IL-6 mediates hypoferrremia 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
9	Reduced Paneth cell $\alpha$ -defensins in ileal Crohn's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18129-18134.	3.3	954
10	Hepcidin and iron homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1434-1443.	1.9	947
11	Antimicrobial peptides in mammalian and insect host defence. <i>Current Opinion in Immunology</i> , 1999, 11, 23-27.	2.4	935
12	An Antimicrobial Activity of Cytolytic T Cells Mediated by Granulysin. , 1998, 282, 121-125.		906
13	Mutations in HFE2 cause iron overload in chromosome 1q-linked juvenile hemochromatosis. <i>Nature Genetics</i> , 2004, 36, 77-82.	9.4	900
14	Identification of erythroferrone as an erythroid regulator of iron metabolism. <i>Nature Genetics</i> , 2014, 46, 678-684.	9.4	890
15	Systemic Iron Homeostasis. <i>Physiological Reviews</i> , 2013, 93, 1721-1741.	13.1	854
16	Hepcidin and iron regulation, 10 years later. <i>Blood</i> , 2011, 117, 4425-4433.	0.6	770
17	High levels of GDF15 in thalassemia suppress expression of the iron regulatory protein hepcidin. <i>Nature Medicine</i> , 2007, 13, 1096-1101.	15.2	743
18	Regulation of Iron Metabolism by Hepcidin. <i>Annual Review of Nutrition</i> , 2006, 26, 323-342.	4.3	653

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19	Defensins of vertebrate animals. <i>Current Opinion in Immunology</i> , 2002, 14, 96-102.	2.4	630
20	Wound Healing and Expression of Antimicrobial Peptides/Polypeptides in Human Keratinocytes, a Consequence of Common Growth Factors. <i>Journal of Immunology</i> , 2003, 170, 5583-5589.	0.4	613
21	Anemia of inflammation. <i>Blood</i> , 2019, 133, 40-50.	0.6	609
22	Immunoassay for human serum hepcidin. <i>Blood</i> , 2008, 112, 4292-4297.	0.6	605
23	Iron homeostasis in host defence and inflammation. <i>Nature Reviews Immunology</i> , 2015, 15, 500-510.	10.6	593
24	Production of $\alpha$ -defensins by human airway epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14961-14966.	3.3	554
25	A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease. <i>Journal of Allergy and Clinical Immunology</i> , 1990, 86, 202-210.	1.5	505
26	Interleukin-6 regulates the zinc transporter Zip14 in liver and contributes to the hypozincemia of the acute-phase response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6843-6848.	3.3	487
27	The Role of Hepcidin in Iron Metabolism. <i>Acta Haematologica</i> , 2009, 122, 78-86.	0.7	477
28	Ironing out Ferroportin. <i>Cell Metabolism</i> , 2015, 22, 777-787.	7.2	474
29	In human epidermis, $\beta$ -defensin 2 is packaged in lamellar bodies. <i>Experimental and Molecular Pathology</i> , 2003, 74, 180-182.	0.9	447
30	Suppression of hepcidin during anemia requires erythropoietic activity. <i>Blood</i> , 2006, 108, 3730-3735.	0.6	439
31	Paneth cell trypsin is the processing enzyme for human defensin-5. <i>Nature Immunology</i> , 2002, 3, 583-590.	7.0	423
32	Inhibition of neutrophil elastase prevents cathelicidin activation and impairs clearance of bacteria from wounds. <i>Blood</i> , 2001, 97, 297-304.	0.6	410
33	Hepcidin and Disorders of Iron Metabolism. <i>Annual Review of Medicine</i> , 2011, 62, 347-360.	5.0	404
34	The Molecular Mechanism of Hepcidin-mediated Ferroportin Down-Regulation. <i>Molecular Biology of the Cell</i> , 2007, 18, 2569-2578.	0.9	393
35	Hepcidin in iron overload disorders. <i>Blood</i> , 2005, 105, 4103-4105.	0.6	387
36	Defensins. <i>Current Opinion in Immunology</i> , 1994, 6, 584-589.	2.4	376

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37	Hepcidin is decreased in TFR2 hemochromatosis. <i>Blood</i> , 2005, 105, 1803-1806.	0.6	368
38	Defensins: Endogenous antibiotic peptides of animal cells. <i>Cell</i> , 1991, 64, 229-230.	13.5	365
39	Cutting Edge: IFN-Inducible ELR <sup>+</sup> CXC Chemokines Display Defensin-Like Antimicrobial Activity. <i>Journal of Immunology</i> , 2001, 167, 623-627.	0.4	363
40	Antimicrobial peptides of vertebrates. <i>Current Opinion in Immunology</i> , 1998, 10, 41-44.	2.4	353
41	Detection, evaluation, and management of iron-restricted erythropoiesis. <i>Blood</i> , 2010, 116, 4754-4761.	0.6	350
42	The Solution Structure of Human Hepcidin, a Peptide Hormone with Antimicrobial Activity That Is Involved in Iron Uptake and Hereditary Hemochromatosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 37597-37603.	1.6	339
43	Liver iron concentrations and urinary hepcidin in $\alpha$ -thalassemia. <i>Haematologica</i> , 2007, 92, 583-588.	1.7	339
44	Hepcidin <sup>+</sup> a regulator of intestinal iron absorption and iron recycling by macrophages. <i>Best Practice and Research in Clinical Haematology</i> , 2005, 18, 171-182.	0.7	325
45	Defensins and Host Defense. <i>Science</i> , 1999, 286, 420-421.	6.0	323
46	Anemia of Inflammation. <i>New England Journal of Medicine</i> , 2019, 381, 1148-1157.	13.9	323
47	Anemia of Inflammation. <i>Hematology/Oncology Clinics of North America</i> , 2014, 28, 671-681.	0.9	321
48	Identification of TWSG1 as a second novel erythroid regulator of hepcidin expression in murine and human cells. <i>Blood</i> , 2009, 114, 181-186.	0.6	311
49	Defensins and other endogenous peptide antibiotics of vertebrates. <i>Journal of Leukocyte Biology</i> , 1995, 58, 128-136.	1.5	298
50	Defensins. , 1995, 66, 191-205.		297
51	Human $\beta$ -Defensin-2 Production in Keratinocytes is Regulated by Interleukin-1, Bacteria, and the State of Differentiation. <i>Journal of Investigative Dermatology</i> , 2002, 118, 275-281.	0.3	293
52	Molecular Control of Iron Transport. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 394-400.	3.0	293
53	Iron Sequestration and Anemia of Inflammation. <i>Seminars in Hematology</i> , 2009, 46, 387-393.	1.8	283
54	Defensins. <i>European Journal of Haematology</i> , 1990, 44, 1-8.	1.1	282

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55	Cathelicidins: a family of endogenous antimicrobial peptides. <i>Current Opinion in Hematology</i> , 2002, 9, 18-22.	1.2	281
56	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
57	Synthetic hepcidin causes rapid dose-dependent hypoferremia and is concentrated in ferroportin-containing organs. <i>Blood</i> , 2005, 106, 2196-2199.	0.6	274
58	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
59	Activation of Toll-Like Receptor 2 on Human Tracheobronchial Epithelial Cells Induces the Antimicrobial Peptide Human $\beta$ 2-Defensin-2. <i>Journal of Immunology</i> , 2003, 171, 6820-6826.	0.4	267
60	Hepcidin-Induced Endocytosis of Ferroportin Is Dependent on Ferroportin Ubiquitination. <i>Cell Metabolism</i> , 2012, 15, 918-924.	7.2	261
61	Innate Antimicrobial Activity of Nasal Secretions. <i>Infection and Immunity</i> , 1999, 67, 3267-3275.	1.0	251
62	Structure and mapping of the human $\beta$ 2-defensin HBD-2 gene and its expression at sites of inflammation. <i>Gene</i> , 1998, 222, 237-244.	1.0	246
63	Erythroferrone contributes to hepcidin suppression and iron overload in a mouse model of $\beta$ 2-thalassemia. <i>Blood</i> , 2015, 126, 2031-2037.	0.6	245
64	Iron in innate immunity: starve the invaders. <i>Current Opinion in Immunology</i> , 2009, 21, 63-67.	2.4	244
65	Discovery of new human $\beta$ 2-defensins using a genomics-based approach. <i>Gene</i> , 2001, 263, 211-218.	1.0	241
66	The Role of Antimicrobial Peptides in Innate Immunity. <i>Integrative and Comparative Biology</i> , 2003, 43, 300-304.	0.9	240
67	Competitive regulation of hepcidin mRNA by soluble and cell-associated hemojuvelin. <i>Blood</i> , 2005, 106, 2884-2889.	0.6	239
68	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
69	Iron transferrin regulates hepcidin synthesis in primary hepatocyte culture through hemojuvelin and BMP2/4. <i>Blood</i> , 2007, 110, 2182-2189.	0.6	235
70	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
71	Localized antimicrobial peptide expression in human gingiva. <i>Journal of Periodontal Research</i> , 2001, 36, 285-294.	1.4	227
72	Differential Regulation of $\beta$ 2-Defensin Expression in Human Skin by Microbial Stimuli. <i>Journal of Immunology</i> , 2005, 174, 4870-4879.	0.4	225

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73	The Human $\beta$ -Defensin-1 and $\beta$ -Defensins Are Encoded by Adjacent Genes: Two Peptide Families with Differing Disulfide Topology Share a Common Ancestry. <i>Genomics</i> , 1997, 43, 316-320.	1.3	221
74	Antimicrobial components of vaginal fluid. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 561-568.	0.7	217
75	Iron and infection. <i>International Journal of Hematology</i> , 2018, 107, 7-15.	0.7	214
76	Macrophages and Systemic Iron Homeostasis. <i>Journal of Innate Immunity</i> , 2012, 4, 446-453.	1.8	212
77	Concurrent assessment of inner and outer membrane permeabilization and bacteriolysis in <i>E. coli</i> by multiple-wavelength spectrophotometry. <i>Journal of Immunological Methods</i> , 1988, 108, 153-158.	0.6	210
78	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
79	Macrophages Acquire Neutrophil Granules for Antimicrobial Activity against Intracellular Pathogens. <i>Journal of Immunology</i> , 2006, 177, 1864-1871.	0.4	209
80	Posttranslational processing of hepcidin in human hepatocytes is mediated by the prohormone convertase furin. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 132-138.	0.6	206
81	Antimicrobial factors in the cervical mucus plug. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 137-144.	0.7	205
82	Hepcidin-Ferroportin Interaction Controls Systemic Iron Homeostasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6493.	1.8	205
83	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
84	Expression of Antimicrobial Defensins in the Male Reproductive Tract of Rats, Mice, and Humans <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 95-104.	1.2	202
85	Co-Regulation and Interdependence of the Mammalian Epidermal Permeability and Antimicrobial Barriers. <i>Journal of Investigative Dermatology</i> , 2008, 128, 917-925.	0.3	199
86	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
87	Testosterone Suppresses Hepcidin in Men: A Potential Mechanism for Testosterone-Induced Erythrocytosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4743-4747.	1.8	197
88	Granulysin, a T Cell Product, Kills Bacteria by Altering Membrane Permeability. <i>Journal of Immunology</i> , 2000, 165, 7102-7108.	0.4	195
89	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
90	In Vitro Killing of Spores and Hyphae of <i>Aspergillus fumigatus</i> and <i>Rhizopus oryzae</i> by Rabbit Neutrophil Cationic Peptides and Bronchoalveolar Macrophages. <i>Journal of Infectious Diseases</i> , 1986, 154, 483-489.	1.9	193

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91	Psychological stress downregulates epidermal antimicrobial peptide expression and increases severity of cutaneous infections in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3339-3349.	3.9	193
92	Proinflammatory state, hepcidin, and anemia in older persons. <i>Blood</i> , 2010, 115, 3810-3816.	0.6	191
93	Defensins: a family of antimicrobial and cytotoxic peptides. <i>Toxicology</i> , 1994, 87, 131-149.	2.0	190
94	Impaired Innate Immunity in the Newborn: Newborn Neutrophils Are Deficient in Bactericidal/Permeability-Increasing Protein. <i>Pediatrics</i> , 1999, 104, 1327-1333.	1.0	190
95	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
96	Minihepcidins prevent iron overload in a hepcidin-deficient mouse model of severe hemochromatosis. <i>Blood</i> , 2012, 120, 3829-3836.	0.6	184
97	Determinants of <i>Staphylococcus aureus</i> Nasal Carriage. <i>Vaccine Journal</i> , 2001, 8, 1064-1069.	2.6	181
98	Human defensin gene copy number polymorphisms: Comprehensive analysis of independent variation in $\beta$ - and $\delta$ -defensin regions at 8p22. <i>Genomics</i> , 2005, 86, 423-430.	1.3	181
99	Cellular iron: Ferroportin is the only way out. <i>Cell Metabolism</i> , 2005, 1, 155-157.	7.2	180
100	Hepcidin excess induces the sequestration of iron and exacerbates tumor-associated anemia. <i>Blood</i> , 2005, 105, 1797-1802.	0.6	179
101	Antibiotic peptides from higher eukaryotes: biology and applications. <i>Trends in Molecular Medicine</i> , 1999, 5, 292-297.	2.6	177
102	Cationic Polypeptides Are Required for Antibacterial Activity of Human Airway Fluid. <i>Journal of Immunology</i> , 2002, 169, 6985-6991.	0.4	177
103	The role of inflammation, iron, and nutritional status in cancer-related anemia: results of a large, prospective, observational study. <i>Haematologica</i> , 2015, 100, 124-132.	1.7	173
104	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
105	Hepcidin and Its Role in Regulating Systemic Iron Metabolism. <i>Hematology American Society of Hematology Education Program</i> , 2006, 2006, 29-35.	0.9	169
106	Induction of activin B by inflammatory stimuli up-regulates expression of the iron-regulatory peptide hepcidin through Smad1/5/8 signaling. <i>Blood</i> , 2012, 120, 431-439.	0.6	169
107	Antimicrobial polypeptides. <i>Journal of Leukocyte Biology</i> , 2004, 75, 34-38.	1.5	167
108	Hepcidin and Host Defense against Infectious Diseases. <i>PLoS Pathogens</i> , 2015, 11, e1004998.	2.1	163

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109	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.	1.7	161
110	Antimicrobial polypeptides in host defense of the respiratory tract. <i>Journal of Clinical Investigation</i> , 2002, 109, 693-697.	3.9	159
111	Antimicrobial peptides of leukocytes. <i>Current Opinion in Hematology</i> , 1997, 4, 53-58.	1.2	157
112	By IL-1 Signaling, Monocyte-Derived Cells Dramatically Enhance the Epidermal Antimicrobial Response to Lipopolysaccharide. <i>Journal of Immunology</i> , 2003, 170, 575-580.	0.4	157
113	Urinary hepcidin in congenital chronic anemias. <i>Pediatric Blood and Cancer</i> , 2007, 48, 57-63.	0.8	157
114	Direct Cytotoxicity of Polymorphonuclear Leukocyte Granule Proteins to Human Lung-derived Cells and Endothelial Cells. <i>The American Review of Respiratory Disease</i> , 1990, 141, 179-185.	2.9	154
115	Iron homeostasis: An anthropocentric perspective. <i>Journal of Biological Chemistry</i> , 2017, 292, 12727-12734.	1.6	153
116	Defensins: antimicrobial peptides of vertebrates. <i>Comptes Rendus - Biologies</i> , 2004, 327, 539-549.	0.1	149
117	The molecular basis of hepcidin-resistant hereditary hemochromatosis. <i>Blood</i> , 2009, 114, 437-443.	0.6	149
118	Reduced serum hepcidin levels in patients with chronic hepatitis C. <i>Journal of Hepatology</i> , 2009, 51, 845-852.	1.8	148
119	TGF- $\beta$ Regulates TLR Expression and Function on Epidermal Keratinocytes. <i>Journal of Immunology</i> , 2005, 174, 6137-6143.	0.4	146
120	Hepcidin in iron metabolism. <i>Current Opinion in Hematology</i> , 2004, 11, 251-254.	1.2	144
121	Blunted hepcidin response to oral iron challenge in HFE-related hemochromatosis. <i>Blood</i> , 2007, 110, 4096-4100.	0.6	139
122	The NMR Structure of Human $\beta$ 2-Defensin-2 Reveals a Novel $\alpha$ -Helical Segment. <i>Biochemistry</i> , 2001, 40, 3810-3816.	1.2	134
123	Erythroferrone contributes to recovery from anemia of inflammation. <i>Blood</i> , 2014, 124, 2569-2574.	0.6	132
124	Injury-induced innate immune response in human skin mediated by transactivation of the epidermal growth factor receptor. <i>Journal of Clinical Investigation</i> , 2006, 116, 1878-1885.	3.9	131
125	Endogenous Vertebrate Antibiotics. <i>Annals of the New York Academy of Sciences</i> , 1996, 797, 228-239.	1.8	130
126	Modulation of hepcidin production during hypoxia-induced erythropoiesis in humans in vivo: data from the HIGHCARE project. <i>Blood</i> , 2011, 117, 2953-2959.	0.6	128



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127	Antimicrobial activity of innate immune molecules against <i>Streptococcus pneumoniae</i> , <i>Moraxella catarrhalis</i> and nontypeable <i>Haemophilus influenzae</i> . <i>BMC Infectious Diseases</i> , 2004, 4, 12.	1.3	125
128	Molecular Mechanism of Heparin-Mediated Ferroportin Internalization Requires Ferroportin Lysines, Not Tyrosines or JAK-STAT. <i>Cell Metabolism</i> , 2012, 15, 905-917.	7.2	124
129	Iron Balance and the Role of Heparin in Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2016, 36, 87-93.	0.6	124
130	Cationic defensins arise from charge-neutralized propeptides: a mechanism for avoiding leukocyte autotoxicity?. <i>Journal of Leukocyte Biology</i> , 1992, 51, 634-639.	1.5	123
131	Reversible Deficiency of Antimicrobial Polypeptides in Bacterial Vaginosis. <i>Infection and Immunity</i> , 2006, 74, 5693-5702.	1.0	123
132	Miniheparin peptides as disease modifiers in mice affected by $\beta^2$ -thalassemia and polycythemia vera. <i>Blood</i> , 2016, 128, 265-276.	0.6	123
133	Neutrophil defensins: Purification, characterization, and antimicrobial testing. <i>Methods in Enzymology</i> , 1994, 236, 160-172.	0.4	122
134	In anemia of multiple myeloma, heparin is induced by increased bone morphogenetic protein 2. <i>Blood</i> , 2010, 116, 3635-3644.	0.6	120
135	The Heparin-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
136	A mouse model of anemia of inflammation: complex pathogenesis with partial dependence on heparin. <i>Blood</i> , 2014, 123, 1129-1136.	0.6	119
137	Effects of maternal iron status on placental and fetal iron homeostasis. <i>Journal of Clinical Investigation</i> , 2019, 130, 625-640.	3.9	119
138	Purification and characterization of defensins from cystic fibrosis sputum. <i>Inflammation Research</i> , 1997, 46, 98-102.	1.6	117
139	Regulation of Human $\beta^2$ -Defensins by Gastric Epithelial Cells in Response to Infection with <i>Helicobacter pylori</i> or Stimulation with Interleukin-1. <i>Infection and Immunity</i> , 2000, 68, 5412-5415.	1.0	115
140	Antimicrobial polypeptides in host defense of the respiratory tract. <i>Journal of Clinical Investigation</i> , 2002, 109, 693-697.	3.9	114
141	Redox cycling metals: Pedaling their roles in metabolism and their use in the development of novel therapeutics. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 727-748.	1.9	111
142	The opsonizing ligand on <i>Salmonella typhimurium</i> influences incorporation of specific, but not azurophil, granule constituents into neutrophil phagosomes.. <i>Journal of Cell Biology</i> , 1989, 109, 2771-2782.	2.3	108
143	Defensins and Other Antimicrobial Peptides: A Historical Perspective and an Update. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 209-217.	0.6	108
144	Disordered heparin-ferroportin signaling promotes breast cancer growth. <i>Cellular Signalling</i> , 2014, 26, 2539-2550.	1.7	108

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145	Activated $\alpha_2$ -Macroglobulin Is a Principal Defensin-binding Protein. American Journal of Respiratory Cell and Molecular Biology, 1991, 5, 101-106.	1.4	107
146	Iron-regulatory protein hepcidin is increased in female athletes after a marathon. European Journal of Applied Physiology, 2005, 95, 569-571.	1.2	107
147	Iron Homeostasis: Fitting the Puzzle Pieces Together. Cell Metabolism, 2008, 7, 288-290.	7.2	107
148	Erythropoietic regulators of iron metabolism. Free Radical Biology and Medicine, 2019, 133, 69-74.	1.3	106
149	Iron Metabolism: Interactions with Normal and Disordered Erythropoiesis. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a011668-a011668.	2.9	105
150	Endogenous hepcidin and its agonist mediate resistance to selected infections by clearing non- $\alpha_2$ -transferrin-bound iron. Blood, 2017, 130, 245-257.	0.6	105
151	Immunoassay for human serum erythroferrone. Blood, 2017, 130, 1243-1246.	0.6	104
152	Differential Scanning Microcalorimetry Indicates That Human Defensin, HNP-2, Interacts Specifically with Biomembrane Mimetic Systems. Biochemistry, 1997, 36, 1525-1531.	1.2	103
153	Controversies in optimal anemia management: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2021, 99, 1280-1295.	2.6	103
154	Detection of $\alpha_2$ -defensins secreted by human oral epithelial cells. Journal of Immunological Methods, 2001, 256, 65-76.	0.6	102
155	Functional properties of human ferroportin, a cellular iron exporter reactive also with cobalt and zinc. American Journal of Physiology - Cell Physiology, 2014, 306, C450-C459.	2.1	101
156	An in vitro study of antibacterial properties of the cervical mucus plug in pregnancy. American Journal of Obstetrics and Gynecology, 2001, 185, 586-592.	0.7	99
157	Involvement of Hepcidin in the Anemia of Multiple Myeloma. Clinical Cancer Research, 2008, 14, 3262-3267.	3.2	99
158	Hepcidin Induction by Pathogens and Pathogen-Derived Molecules Is Strongly Dependent on Interleukin-6. Infection and Immunity, 2014, 82, 745-752.	1.0	99
159	Testosterone perturbs systemic iron balance through activation of epidermal growth factor receptor signaling in the liver and repression of hepcidin. Hepatology, 2014, 59, 683-694.	3.6	99
160	Distinct Defensin Profiles in Neisseria gonorrhoeae and Chlamydia trachomatis Urethritis Reveal Novel Epithelial Cell-Neutrophil Interactions. Infection and Immunity, 2005, 73, 4823-4833.	1.0	98
161	Porcine Epithelial $\alpha_2$ -Defensin 1 Is Expressed in the Dorsal Tongue at Antimicrobial Concentrations. Infection and Immunity, 1999, 67, 3121-3127.	1.0	97
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