

Philippe Gros

List of Publications by Year in descending order

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docs citations

183
times ranked

14738
citing authors

#	ARTICLE	IF	CITATIONS
1	Endotoxin-tolerant Mice Have Mutations in Toll-like Receptor 4 (Tlr4). Journal of Experimental Medicine, 1999, 189, 615-625.	4.2	1,473
2	Natural resistance to infection with intracellular parasites: Isolation of a candidate for Bcg. Cell, 1993, 73, 469-485.	13.5	1,119
3	Mammalian multidrug resistance gene: Complete cDNA sequence indicates strong homology to bacterial transport proteins. Cell, 1986, 47, 371-380.	13.5	1,060
4	Isolation and expression of a complementary DNA that confers multidrug resistance. Nature, 1986, 323, 728-731.	13.7	800
5	<i>IRF8</i> Mutations and Human Dendritic-Cell Immunodeficiency. New England Journal of Medicine, 2011, 365, 127-138.	13.9	564
6	Mycobacterial Disease and Impaired IFN- γ Immunity in Humans with Inherited ISG15 Deficiency. Science, 2012, 337, 1684-1688.	6.0	455
7	Ltap, a mammalian homolog of Drosophila Strabismus/Van Gogh, is altered in the mouse neural tube mutant Loop-tail. Nature Genetics, 2001, 28, 251-255.	9.4	451
8	Human intracellular ISG15 prevents interferon- γ over-amplification and auto-inflammation. Nature, 2015, 517, 89-93.	13.7	432
9	Natural Resistance to Infection with Intracellular Pathogens: The Nramp1 Protein Is Recruited to the Membrane of the Phagosome. Journal of Experimental Medicine, 1997, 185, 717-730.	4.2	425
10	Genetic regulation of resistance to intracellular pathogens. Nature, 1982, 297, 506-509.	13.7	414
11	Natural Resistance to Intracellular Infections. Journal of Experimental Medicine, 2000, 192, 1237-1248.	4.2	354
12	Susceptibility to mouse cytomegalovirus is associated with deletion of an activating natural killer cell receptor of the C-type lectin superfamily. Nature Genetics, 2001, 28, 42-45.	9.4	354
13	The Iron Transport Protein NRAMP2 Is an Integral Membrane Glycoprotein That Colocalizes with Transferrin in Recycling Endosomes. Journal of Experimental Medicine, 1999, 189, 831-841.	4.2	284
14	Identification and characterization of a second mouse Nramp gene. Genomics, 1995, 25, 514-525.	1.3	280
15	Mutations in VANGL1 Associated with Neural-Tube Defects. New England Journal of Medicine, 2007, 356, 1432-1437.	13.9	261
16	Birc1e is the gene within the Lgn1 locus associated with resistance to Legionella pneumophila. Nature Genetics, 2003, 33, 55-60.	9.4	259
17	Iron, manganese, and cobalt transport by Nramp1 (Slc11a1) and Nramp2 (Slc11a2) expressed at the plasma membrane. Blood, 2003, 102, 1884-1892.	0.6	253
18	Haplotype Mapping and Sequence Analysis of the Mouse Nramp Gene Predict Susceptibility to Infection with Intracellular Parasites. Genomics, 1994, 23, 51-61.	1.3	252

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19	Identification of the Escherichia coli K-12 Nramp orthologue (MntH) as a selective divalent metal ion transporter. <i>Molecular Microbiology</i> , 2000, 35, 1065-1078.	1.2	217
20	Host Resistance to Intracellular Infection: Mutation of Natural Resistance-associated Macrophage Protein 1 (Nramp1) Impairs Phagosomal Acidification. <i>Journal of Experimental Medicine</i> , 1998, 188, 351-364.	4.2	200
21	The macrophage IRF8/IRF1 regulome is required for protection against infections and is associated with chronic inflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 585-603.	4.2	194
22	A two-locus system controls susceptibility to colitis-associated colon cancer in mice. <i>Oncotarget</i> , 2010, 1, 436-46.	0.8	180
23	Nramp 2 (DCT1/DMT1) Expressed at the Plasma Membrane Transports Iron and Other Divalent Cations into a Calcein-accessible Cytoplasmic Pool. <i>Journal of Biological Chemistry</i> , 2000, 275, 35738-35745.	1.6	173
24	Genetic interaction between members of the Vangl family causes neural tube defects in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3449-3454.	3.3	155
25	Independent Mutations in Mouse Vangl2 That Cause Neural Tube Defects in Looptail Mice Impair Interaction with Members of the Dishevelled Family. <i>Journal of Biological Chemistry</i> , 2004, 279, 52703-52713.	1.6	150
26	Natural resistance to infection with intracellular parasites: molecular genetics identifies <i>Nramp1</i> as the <i>Bcg/Lty/Lsh</i> locus. <i>Journal of Leukocyte Biology</i> , 1995, 58, 382-390.	1.5	144
27	INFECTION GENOMICS: Nramp1 as a Major Determinant of Natural Resistance to Intracellular Infections. <i>Annual Review of Medicine</i> , 1998, 49, 275-287.	5.0	139
28	Large Scale Purification of Detergent-soluble P-glycoprotein from <i>Pichia pastoris</i> Cells and Characterization of Nucleotide Binding Properties of Wild-type, Walker A, and Walker B Mutant Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 34711-34718.	1.6	138
29	Characterization of the iron transporter DMT1 (NRAMP2/DCT1) in red blood cells of normal and anemic <i>mk/mk</i> mice. <i>Blood</i> , 2001, 98, 3823-3830.	0.6	136
30	Mutations in Either Nucleotide-Binding Site of P-glycoprotein (Mdr3) Prevent Vanadate Trapping of Nucleotide at Both Sites. <i>Biochemistry</i> , 1998, 37, 4592-4602.	1.2	134
31	The Nramp1 Protein and Its Role in Resistance to Infection and Macrophage Function. <i>Proceedings of the Association of American Physicians</i> , 1999, 111, 283-289.	2.1	133
32	Cloning and characterization of the OsNramp family from <i>Oryza sativa</i> , a new family of membrane proteins possibly implicated in the transport of metal ions. <i>Plant Molecular Biology</i> , 1997, 33, 1085-1092.	2.0	131
33	Recombinant Congenic Strains Derived from A/J and C57BL/6J: A Tool for Genetic Dissection of Complex Traits. <i>Genomics</i> , 2001, 74, 21-35.	1.3	125
34	Pyruvate kinase deficiency in mice protects against malaria. <i>Nature Genetics</i> , 2003, 35, 357-362.	9.4	122
35	Inherited human OX40 deficiency underlying classic Kaposi sarcoma of childhood. <i>Journal of Experimental Medicine</i> , 2013, 210, 1743-1759.	4.2	119
36	Transgenic Expression of the Activating Natural Killer Receptor Ly49H Confers Resistance to Cytomegalovirus in Genetically Susceptible Mice. <i>Journal of Experimental Medicine</i> , 2003, 197, 515-526.	4.2	114

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37	Iron transport by Nramp2/DMT1: pH regulation of transport by 2 histidines in transmembrane domain 6. <i>Blood</i> , 2003, 101, 3699-3707.	0.6	104
38	Functional Expression of Nramp1 In Vitro in the Murine Macrophage Line RAW264.7. <i>Infection and Immunity</i> , 1999, 67, 2225-2232.	1.0	103
39	Cell-specific and inducible <i>Nramp1</i> gene expression in mouse macrophages in vitro and in vivo. <i>Journal of Leukocyte Biology</i> , 1997, 62, 277-286.	1.5	100
40	Dynamic Traffic through the Recycling Compartment Couples the Metal Transporter Nramp2 (DMT1) with the Transferrin Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 25548-25557.	1.6	100
41	Van Gogh-like2 (Strabismus) and its role in planar cell polarity and convergent extension in vertebrates. <i>Trends in Genetics</i> , 2004, 20, 570-577.	2.9	100
42	The hygiene hypothesis, the COVID pandemic, and consequences for the human microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	100
43	Pyruvate Kinase Deficiency and Malaria. <i>New England Journal of Medicine</i> , 2008, 358, 1805-1810.	13.9	98
44	Novel mutations in <i>VANGL1</i> in neural tube defects. <i>Human Mutation</i> , 2009, 30, E706-E715.	1.1	98
45	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. <i>Nature Immunology</i> , 2018, 19, 973-985.	7.0	96
46	Erythrocyte variants and the nature of their malaria protective effect. <i>Cellular Microbiology</i> , 2005, 7, 753-763.	1.1	93
47	A mutation in the <i>Icsbp1</i> gene causes susceptibility to infection and a chronic myeloid leukemia-like syndrome in BXH-2 mice. <i>Journal of Experimental Medicine</i> , 2005, 201, 881-890.	4.2	93
48	Expression and subcellular localization of NRAMP1 in human neutrophil granules. <i>Blood</i> , 2002, 100, 268-275.	0.6	90
49	USP15 regulates type I interferon response and is required for pathogenesis of neuroinflammation. <i>Nature Immunology</i> , 2017, 18, 54-63.	7.0	90
50	C5 deficiency and C5a or C5aR blockade protects against cerebral malaria. <i>Journal of Experimental Medicine</i> , 2008, 205, 1133-1143.	4.2	89
51	Interferon Regulatory Factor 8 Regulates Pathways for Antigen Presentation in Myeloid Cells and during Tuberculosis. <i>PLoS Genetics</i> , 2011, 7, e1002097.	1.5	85
52	Mutational Analysis of Conserved Carboxylate Residues in the Nucleotide Binding Sites of P-Glycoprotein. <i>Biochemistry</i> , 2000, 39, 14138-14149.	1.2	84
53	Human T-bet Governs Innate and Innate-like Adaptive IFN- γ Immunity against Mycobacteria. <i>Cell</i> , 2020, 183, 1826-1847.e31.	13.5	83
54	Genetic control of blood parasitaemia in mouse malaria maps to chromosome 8. <i>Nature Genetics</i> , 1997, 17, 382-383.	9.4	82

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55	A Common Genetic Fingerprint in Leprosy and Crohn's Disease?. <i>New England Journal of Medicine</i> , 2009, 361, 2666-2668.	13.9	78
56	Functional Dissection of P-glycoprotein Nucleotide-binding Domains in Chimeric and Mutant Proteins. <i>Journal of Biological Chemistry</i> , 1995, 270, 17159-17170.	1.6	76
57	Expression of the human <i>NRAMP1</i> gene in professional primary phagocytes: studies in blood cells and in HL-60 promyelocytic leukemia. <i>Journal of Leukocyte Biology</i> , 1997, 61, 96-105.	1.5	76
58	Nramp1 Modifies the Fusion of <i>Salmonella typhimurium</i> -containing Vacuoles with Cellular Endomembranes in Macrophages. <i>Journal of Biological Chemistry</i> , 2002, 277, 2258-2265.	1.6	73
59	Dysregulated Inflammatory Response to <i>Candida albicans</i> in a C5-Deficient Mouse Strain. <i>Infection and Immunity</i> , 2004, 72, 5868-5876.	1.0	73
60	Epitope Insertion Favors a Six Transmembrane Domain Model for the Carboxy-Terminal Portion of the Multidrug Resistance-Associated Protein. <i>Biochemistry</i> , 1998, 37, 2305-2313.	1.2	71
61	Birc1e/Naip5 rapidly antagonizes modulation of phagosome maturation by <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , 2007, 9, 910-923.	1.1	71
62	Analysis of the 11p13 Wilms' Tumor Suppressor Gene (WT1) in Ovarian Tumors. <i>Cancer Investigation</i> , 1993, 11, 393-399.	0.6	69
63	Complex genetic control of susceptibility to malaria: positional cloning of the Char9 locus. <i>Journal of Experimental Medicine</i> , 2007, 204, 511-524.	4.2	69
64	The Neuronal Apoptosis Inhibitory Protein (Naip) Is Expressed in Macrophages and Is Modulated After Phagocytosis and During Intracellular Infection with <i>Legionella pneumophila</i> . <i>Journal of Immunology</i> , 2000, 164, 1470-1477.	0.4	67
65	Binding of Steroid Modulators to Recombinant Cytosolic Domain from Mouse P-Glycoprotein in Close Proximity to the ATP Site. <i>Biochemistry</i> , 1997, 36, 15208-15215.	1.2	66
66	Susceptibility to tuberculosis: A locus on mouse chromosome 19 (Trl-4) regulates <i>Mycobacterium tuberculosis</i> replication in the lungs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6610-6615.	3.3	66
67	Peroxovanadium-mediated protection against murine leishmaniasis: role of the modulation of nitric oxide. <i>European Journal of Immunology</i> , 2000, 30, 2555-2564.	1.6	65
68	Functional characterization of the human dendritic cell immunodeficiency associated with the IRF8K108E mutation. <i>Blood</i> , 2014, 124, 1894-1904.	0.6	65
69	Inherited PD-1 deficiency underlies tuberculosis and autoimmunity in a child. <i>Nature Medicine</i> , 2021, 27, 1646-1654.	15.2	65
70	Irf8-Regulated Genomic Responses Drive Pathological Inflammation during Cerebral Malaria. <i>PLoS Pathogens</i> , 2013, 9, e1003491.	2.1	63
71	Role of IRF8 in immune cells functions, protection against infections, and susceptibility to inflammatory diseases. <i>Human Genetics</i> , 2020, 139, 707-721.	1.8	62
72	Single gene effects in mouse models of host: pathogen interactions. <i>Journal of Leukocyte Biology</i> , 2005, 77, 868-877.	1.5	59

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73	<i>Irf8</i> Is Required for Innate and Adaptive Immune Responses against Intracellular Pathogens. <i>Journal of Immunology</i> , 2007, 179, 2467-2476.	0.4	59
74	Tissue, cellular and sub-cellular localization of the <i>Vangl2</i> protein during embryonic development: Effect of the <i>Lp</i> mutation. <i>Gene Expression Patterns</i> , 2007, 7, 346-354.	0.3	59
75	Mutagenesis of Transmembrane Domain 11 of P-Glycoprotein by Alanine Scanning. <i>Biochemistry</i> , 1996, 35, 3625-3635.	1.2	57
76	<i>Naip5/Birc1e</i> and susceptibility to <i>Legionella pneumophila</i> . <i>Trends in Microbiology</i> , 2005, 13, 328-335.	3.5	53
77	<i>p53</i> mediates loss of hematopoietic stem cell function and lymphopenia in <i>Mysm1</i> deficiency. <i>Blood</i> , 2015, 125, 2344-2348.	0.6	53
78	Nucleotide-Induced Conformational Changes in P-glycoprotein and in Nucleotide Binding Site Mutants Monitored by Trypsin Sensitivity. <i>Biochemistry</i> , 2000, 39, 4559-4568.	1.2	51
79	Primary Immunodeficiencies and Inflammatory Disease: A Growing Genetic Intersection. <i>Trends in Immunology</i> , 2016, 37, 126-140.	2.9	50
80	Colitis-associated colon cancer: Is it in your genes?. <i>World Journal of Gastroenterology</i> , 2015, 21, 11688.	1.4	48
81	Structural and Functional Characterization of Ubiquitin Variant Inhibitors of USP15. <i>Structure</i> , 2019, 27, 590-605.e5.	1.6	47
82	Genetic control of susceptibility to bacterial infections in mouse models. <i>Cellular Microbiology</i> , 2003, 5, 299-313.	1.1	46
83	Host resistance to malaria: using mouse models to explore the host response. <i>Mammalian Genome</i> , 2011, 22, 32-42.	1.0	46
84	Mutational Analysis of the P-Glycoprotein First Intracellular Loop and Flanking Transmembrane Domains. <i>Biochemistry</i> , 1998, 37, 3337-3350.	1.2	45
85	A novel R416C mutation in human DMT1 (SLC11A2) displays pleiotropic effects on function and causes microcytic anemia and hepatic iron overload. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 36, 347-354.	0.6	45
86	<i>Pax-3</i> regulates neurogenesis in neural crest-derived precursor cells. <i>Journal of Neuroscience Research</i> , 1999, 56, 518-530.	1.3	44
87	Iron chelators modulate the fusogenic properties of <i>Salmonella</i> -containing phagosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6127-6132.	3.3	44
88	<i>CCDC88B</i> is a novel regulator of maturation and effector functions of T cells during pathological inflammation. <i>Journal of Experimental Medicine</i> , 2014, 211, 2519-2535.	4.2	44
89	The Multidrug Resistance Protein Is Photoaffinity Labeled by a Quinoline-Based Drug at Multiple Sites. <i>Biochemistry</i> , 2000, 39, 6094-6102.	1.2	43
90	Cardiac Failure in <i>C5</i> -Deficient <i>A/J</i> Mice after <i>Candida albicans</i> Infection. <i>Infection and Immunity</i> , 2006, 74, 4439-4451.	1.0	42

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91	Molecular and cellular mechanisms underlying iron transport deficiency in microcytic anemia. <i>Blood</i> , 2004, 104, 1526-1533.	0.6	41
92	Restriction of <i>Legionella pneumophila</i> Replication in Macrophages Requires Concerted Action of the Transcriptional Regulators Irf1 and Irf8 and Nod-Like Receptors Naip5 and Nlrc4. <i>Infection and Immunity</i> , 2009, 77, 4794-4805.	1.0	37
93	Genetic and genomic analyses of host-pathogen interactions in malaria. <i>Trends in Parasitology</i> , 2009, 25, 417-422.	1.5	37
94	Genetics of Infectious and Inflammatory Diseases: Overlapping Discoveries from Association and Exome-Sequencing Studies. <i>Annual Review of Immunology</i> , 2017, 35, 1-30.	9.5	36
95	Disseminated and Rapidly Fatal Tuberculosis in Mice Bearing a Defective Allele at IFN Regulatory Factor 8. <i>Journal of Immunology</i> , 2009, 182, 3008-3015.	0.4	34
96	Genetic Control of Susceptibility to Infection with <i>Candida albicans</i> in Mice. <i>PLoS ONE</i> , 2011, 6, e18957.	1.1	34
97	The C-terminal Subdomain Makes an Important Contribution to the DNA Binding Activity of the Pax-3 Paired Domain. <i>Journal of Biological Chemistry</i> , 1997, 272, 28289-28295.	1.6	33
98	Genetic control of myeloproliferation in BXH-2 mice. <i>Blood</i> , 2004, 103, 2343-2350.	0.6	33
99	Analysis of Catalytic Carboxylate Mutants E552Q and E1197Q Suggests Asymmetric ATP Hydrolysis by the Two Nucleotide-Binding Domains of P-Glycoprotein. <i>Biochemistry</i> , 2003, 42, 12875-12885.	1.2	32
100	Functional characterization of the E399D DMT1/NRAMP2/SLC11A2 protein produced by an exon 12 mutation in a patient with microcytic anemia and iron overload. <i>Blood Cells, Molecules, and Diseases</i> , 2005, 35, 212-216.	0.6	32
101	Adenosine Triphosphate Depletion of Erythrocytes Simulates the Phenotype Associated with Pyruvate Kinase Deficiency and Confers Protection against <i>Plasmodium falciparum</i> In Vitro. <i>Journal of Infectious Diseases</i> , 2009, 200, 1289-1299.	1.9	32
102	Pyruvate kinase deficiency confers susceptibility to <i>Salmonella typhimurium</i> infection in mice. <i>Journal of Experimental Medicine</i> , 2007, 204, 2949-2961.	4.2	31
103	Molecular and Cellular Mechanisms Underlying Neural Tube Defects in the Loop-tail Mutant Mouse. <i>Biochemistry</i> , 2010, 49, 3445-3455.	1.2	30
104	Loss of Membrane Targeting of Vangl Proteins Causes Neural Tube Defects. <i>Biochemistry</i> , 2011, 50, 795-804.	1.2	30
105	Structural organization and chromosomal localization of the human Na,K-ATPase β 3 subunit gene and pseudogene. <i>Mammalian Genome</i> , 1998, 9, 136-143.	1.0	29
106	Helix 2 of the paired domain plays a key role in the regulation of DNA-binding by the Pax-3 homeodomain. <i>Nucleic Acids Research</i> , 1998, 26, 4574-4581.	6.5	29
107	[29] High-level expression of mouse Mdr3 P-glycoprotein in yeast <i>Pichia pastoris</i> and characterization of ATPase activity. <i>Methods in Enzymology</i> , 1998, 292, 397-413.	0.4	29
108	Cysteamine, the natural metabolite of pantetheinase, shows specific activity against <i>Plasmodium</i> . <i>Experimental Parasitology</i> , 2010, 125, 315-324.	0.5	29

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109	Modulation of Malaria Phenotypes by Pyruvate Kinase (PKLR) Variants in a Thai Population. PLoS ONE, 2015, 10, e0144555.	1.1	29
110	Deficiency of the Planar Cell Polarity Protein Vangl2 in Podocytes Affects Glomerular Morphogenesis and Increases Susceptibility to Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 576-586.	3.0	29
111	Immunogenetics of Mycobacterial Infections: Mouse-Human Homologies. Journal of Infectious Diseases, 1990, 161, 634-639.	1.9	28
112	Functional Expression of Multidrug Resistance Protein 1 in <i>Pichia pastoris</i> . Biochemistry, 2001, 40, 8307-8316.	1.2	28
113	An Expanding Role of Vangl Proteins in Embryonic Development. Current Topics in Developmental Biology, 2012, 101, 237-261.	1.0	27
114	Functional characterization of ORCTL2 - an organic cation transporter expressed in the renal proximal tubules. FEBS Letters, 1998, 433, 245-250.	1.3	26
115	The impact of genomics on the analysis of host resistance to infectious disease. Microbes and Infection, 2006, 8, 1647-1653.	1.0	26
116	THEMIS Is Required for Pathogenesis of Cerebral Malaria and Protection against Pulmonary Tuberculosis. Infection and Immunity, 2015, 83, 759-768.	1.0	26
117	High-Resolution Linkage Map of Mouse Chromosome 13 in the Vicinity of the Host Resistance Locus <i>Lgn1</i> . Genomics, 1997, 39, 254-263.	1.3	25
118	A novel role for interferon regulatory factor 1 (IRF1) in regulation of bone metabolism. Journal of Cellular and Molecular Medicine, 2014, 18, 1588-1598.	1.6	25
119	Rocaglates as dual-targeting agents for experimental cerebral malaria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2366-E2375.	3.3	24
120	Identification and characterization of naturally occurring variants of the macrophage scavenger receptor (SR-A). Mammalian Genome, 2000, 11, 779-785.	1.0	23
121	Cysteamine, the Molecule Used To Treat Cystinosis, Potentiates the Antimalarial Efficacy of Artemisinin. Antimicrobial Agents and Chemotherapy, 2010, 54, 3262-3270.	1.4	23
122	An N-Ethyl-N-Nitrosourea (ENU)-Induced Dominant Negative Mutation in the JAK3 Kinase Protects against Cerebral Malaria. PLoS ONE, 2012, 7, e31012.	1.1	23
123	Multidrug Resistance: A Novel Class of Membrane-Associated Transport Proteins is Identified. Cancer Investigation, 1991, 9, 563-569.	0.6	21
124	Genetic and physical mapping of the mouse host resistance locus <i>Lgn1</i> . Mammalian Genome, 1997, 8, 682-685.	1.0	21
125	Pyruvate kinase deficiency: Correlation between enzyme activity, extent of hemolytic anemia and protection against malaria in independent mouse mutants. Blood Cells, Molecules, and Diseases, 2007, 39, 63-69.	0.6	21
126	Genetic and Functional Characterization of the Mouse <i>Trl3</i> Locus in Defense against Tuberculosis. Journal of Immunology, 2009, 182, 3757-3767.	0.4	21

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127	CCDC88B is required for pathogenesis of inflammatory bowel disease. <i>Nature Communications</i> , 2017, 8, 932.	5.8	21
128	Shifting Climates, Foods, and Diseases: The Human Microbiome through Evolution. <i>BioEssays</i> , 2019, 41, e1900034.	1.2	21
129	Inherited human c-Rel deficiency disrupts myeloid and lymphoid immunity to multiple infectious agents. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	21
130	Simple Purification of Highly Active Biotinylated P-Glycoprotein: Enantiomer-Specific Modulation of Drug-Stimulated ATPase Activity. <i>Biochemistry</i> , 2000, 39, 75-85.	1.2	20
131	Independent Mutations at Arg181 and Arg274 of Vangl Proteins That Are Associated with Neural Tube Defects in Humans Decrease Protein Stability and Impair Membrane Targeting. <i>Biochemistry</i> , 2014, 53, 5356-5364.	1.2	20
132	Mouse ENU Mutagenesis to Understand Immunity to Infection: Methods, Selected Examples, and Perspectives. <i>Genes</i> , 2014, 5, 887-925.	1.0	19
133	Identification of a Tyrosine-based Motif (YGSI) in the Amino Terminus of Nramp1 (Slc11a1) That Is Important for Lysosomal Targeting. <i>Journal of Biological Chemistry</i> , 2006, 281, 31677-31688.	1.6	18
134	A novel hypomorphic Looptail allele at the planar cell polarity Vangl2 gene. <i>Developmental Dynamics</i> , 2011, 240, 839-849.	0.8	18
135	IRF-8 regulates expansion of myeloid-derived suppressor cells and Foxp3+ regulatory T cells and modulates Th2 immune responses to gastrointestinal nematode infection. <i>PLoS Pathogens</i> , 2017, 13, e1006647.	2.1	17
136	Transmembrane Topology of Mammalian Planar Cell Polarity Protein Vangl1. <i>Biochemistry</i> , 2011, 50, 2274-2282.	1.2	16
137	Genetic analysis of cerebral malaria in the mouse model infected with <i>Plasmodium berghei</i> . <i>Mammalian Genome</i> , 2018, 29, 488-506.	1.0	16
138	USP15: a review of its implication in immune and inflammatory processes and tumor progression. <i>Genes and Immunity</i> , 2021, 22, 12-23.	2.2	16
139	A Two-Locus System Controls Susceptibility to Colitis-Associated Colon Cancer in Mice. <i>Oncotarget</i> , 2010, 1, 436-446.	0.8	16
140	Functional Analysis of a Tryptophan-Less P-glycoprotein: A Tool for Tryptophan Insertion and Fluorescence Spectroscopy. <i>Molecular Pharmacology</i> , 2000, 58, 37-47.	1.0	15
141	Rescue of the neural tube defect of loop-tail mice by a BAC clone containing the Ltap gene. <i>Genomics</i> , 2003, 82, 397-400.	1.3	14
142	Inactivation of Interferon Regulatory Factor 1 Causes Susceptibility to Colitis-Associated Colorectal Cancer. <i>Scientific Reports</i> , 2019, 9, 18897.	1.6	14
143	Specific Dysregulation of IFN γ Production by Natural Killer Cells Confers Susceptibility to Viral Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004511.	2.1	13
144	The planar cell polarity protein <i>Vangl2</i> is required for retinal axon guidance. <i>Developmental Neurobiology</i> , 2016, 76, 150-165.	1.5	12

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145	A role for the histone H2A deubiquitinase <sc>MYSM</sc>1 in maintenance of <sc>CD</sc>8⁺ T cells. Immunology, 2017, 151, 110-121.	2.0	12
146	cDNA cloning and the 5'genomic organization of Naip2, a candidate gene for murine Legionella resistance. Mammalian Genome, 1999, 10, 761-763.	1.0	11
147	Mutational analysis of conserved aromatic residues in the A-loop of the ABC transporter ABCB1A (mouse Mdr3). FEBS Letters, 2007, 581, 301-308.	1.3	11
148	Global cellular changes induced by Legionella pneumophila infection of bone marrow-derived macrophages. Immunobiology, 2011, 216, 1274-1285.	0.8	11
149	cDNA cloning, structural organization, and expression of the sheep NRAMP1 gene. Mammalian Genome, 1998, 9, 1027-1031.	1.0	10
150	Cysteamine broadly improves the anti-plasmodial activity of artemisinins against murine blood stage and cerebral malaria. Malaria Journal, 2016, 15, 260.	0.8	10
151	Genetic control of susceptibility to carcinogen-induced colorectal cancer in mice: The<i>Ccs3</i>and<i>Ccs5</i>loci regulate different aspects of tumorigenesis. Cell Cycle, 2011, 10, 1739-1749.	1.3	9
152	CCDC88B is required for mobility and inflammatory functions of dendritic cells. Journal of Leukocyte Biology, 2020, 108, 1787-1802.	1.5	9
153	Transcription mapping and expression analysis of candidate genes in the vicinity of the mouse Loop-tail mutation. Mammalian Genome, 2000, 11, 633-638.	1.0	8
154	The AcB/BcA Recombinant Congenic Strains of Mice: Strategies for Phenotype Dissection, Mapping and Cloning of Quantitative Trait Genes. Novartis Foundation Symposium, 2007, 281, 141-155.	1.2	8
155	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. PLoS ONE, 2020, 15, e0230586.	1.1	8
156	Bisphosphoglycerate Mutase Deficiency Protects against Cerebral Malaria and Severe Malaria-Induced Anemia. Cell Reports, 2020, 32, 108170.	2.9	7
157	The mouse Char10 locus regulates severity of pyruvate kinase deficiency and susceptibility to malaria. PLoS ONE, 2017, 12, e0177818.	1.1	7
158	Identification of Loci Controlling Restriction of Parasite Growth in Experimental Taenia crassiceps Cysticercosis. PLoS Neglected Tropical Diseases, 2011, 5, e1435.	1.3	6
159	Genetic Control of Susceptibility to <i>Candida albicans</i> in SM/J Mice. Journal of Immunology, 2014, 193, 1290-1300.	0.4	6
160	ZBTB7B (ThPOK) Is Required for Pathogenesis of Cerebral Malaria and Protection against Pulmonary Tuberculosis. Infection and Immunity, 2020, 88, .	1.0	6
161	Positional Mapping and Candidate Gene Analysis of the Mouse Ccs3 Locus That Regulates Differential Susceptibility to Carcinogen-Induced Colorectal Cancer. PLoS ONE, 2013, 8, e58733.	1.1	5
162	Impact of the Microbiome on the Human Genome. Trends in Parasitology, 2019, 35, 809-821.	1.5	5

#	ARTICLE	IF	CITATIONS
163	The intracellular carboxyl terminal domain of Vangl proteins contains plasma membrane targeting signals. <i>Protein Science</i> , 2014, 23, 337-343.	3.1	4
164	Identification of a Tyrosine-based Motif (YGSI) in the Amino Terminus of Nramp1 (Slc11a1) That Is Important for Lysosomal Targeting. <i>Journal of Biological Chemistry</i> , 2006, 281, 31677-31688.	1.6	4
165	Identification of a novel, alternatively spliced isoform and single nucleotide polymorphisms in the murine Pea-15 gene. <i>Mammalian Genome</i> , 2001, 12, 172-174.	1.0	3
166	Genetic Control of Host-Pathogen Interactions in Mice. <i>Novartis Foundation Symposium</i> , 2007, 281, 156-168.	1.2	2
167	Genetic analysis in mice identifies cysteamine as a novel partner for artemisinin in the treatment of malaria. <i>Mammalian Genome</i> , 2011, 22, 486-494.	1.0	2
168	Immunogenetics of the Host Response to Bacteria in Mice. , 0, , 407-419.		2
169	NRAMP 1 and resistance to intracellular pathogens. , 2003, , 221-258.		1
170	Modulation of Iron Availability at the Host-Pathogen Interface in Phagocytic Cells. <i>EcoSal Plus</i> , 2006, 2, .	2.1	1
171	Editorial overview: Host pathogens. <i>Current Opinion in Immunology</i> , 2014, 29, iv-vi.	2.4	1
172	Identification and characterization of a novel chemically induced allele at the planar cell polarity gene Vangl2. <i>Mammalian Genome</i> , 2018, 29, 229-244.	1.0	1
173	Cloning and characterization of the OsNramp family from <i>Oryza sativa</i> , a new family of membrane proteins possibly implicated in the transport of metal ions. , 1997, 33, 1085.		1
174	Competition of bacteriophage polypeptides with native replicase proteins for binding to the DNA sliding clamp reveals a novel mechanism for DNA replication arrest in <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2006, 62, 1764-1764.	1.2	0
175	Mapping hyper-susceptibility to colitis-associated colorectal cancer in FVB/NJ mice. <i>Mammalian Genome</i> , 2016, 27, 213-224.	1.0	0
176	Birc1e/Naip5 in Macrophage Function and Susceptibility to Infection with <i>Legionella pneumophila</i> . , 0, , 307-309.		0
177	The macrophage IRF8/IRF1 regulome is required for protection against infections and is associated with chronic inflammation. <i>Journal of Cell Biology</i> , 2016, 212, 2127OIA59.	2.3	0
178	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0
179	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0
180	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0

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181	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0