

Peter Demant

List of Publications by Year in descending order

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83
papers

2,843
citations

236925

25
h-index

182427

51
g-index

84
all docs

84
docs citations

84
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Ptprj is a candidate for the mouse colon-cancer susceptibility locus Scc1 and is frequently deleted in human cancers. <i>Nature Genetics</i> , 2002, 31, 295-300.	21.4	239
2	Complex interactions of new quantitative trait loci, Sluc1, Sluc2, Sluc3, and Sluc4, that influence the susceptibility to lung cancer in the mouse. <i>Nature Genetics</i> , 1996, 14, 465-467.	21.4	222
3	Positional cloning of the combined hyperlipidemia gene Hyplip1. <i>Nature Genetics</i> , 2002, 30, 110-116.	21.4	195
4	Cancer susceptibility in the mouse: genetics, biology and implications for human cancer. <i>Nature Reviews Genetics</i> , 2003, 4, 721-734.	16.3	166
5	MicroRNA genes are frequently located near mouse cancer susceptibility loci. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8017-8022.	7.1	138
6	Genetic susceptibility to infectious disease: lessons from mouse models of leishmaniasis. <i>Nature Reviews Genetics</i> , 2006, 7, 294-305.	16.3	134
7	Gene interaction and single gene effects in colon tumour susceptibility in mice. <i>Nature Genetics</i> , 1996, 14, 468-470.	21.4	125
8	Mapping a gene for combined hyperlipidaemia in a mutant mouse strain. <i>Nature Genetics</i> , 1998, 18, 374-377.	21.4	98
9	LOH of PTPRJ occurs early in colorectal cancer and is associated with chromosomal loss of 18q12. <i>Oncogene</i> , 2003, 22, 3472-3474.	5.9	88
10	Complexity of Lung Cancer Modifiers: Mapping of Thirty Genes and Twenty-five Interactions in Half of the Mouse Genome. <i>Journal of the National Cancer Institute</i> , 2001, 93, 1484-1491.	6.3	77
11	Mice with different susceptibility to tick-borne encephalitis virus infection show selective neutralizing antibody response and inflammatory reaction in the central nervous system. <i>Journal of Neuroinflammation</i> , 2013, 10, 77.	7.2	74
12	The recombinant congenic strains—a novel genetic tool applied to the study of colon tumor development in the mouse. <i>Mammalian Genome</i> , 1991, 1, 217-227.	2.2	67
13	HEMAGGLUTINATION AND CYTOTOXIC STUDIES OF H-2. <i>Transplantation</i> , 1971, 11, 210-237.	1.0	63
14	Relationships between private and public H-2 specificities on the cell surface. <i>Immunogenetics</i> , 1975, 2, 517-529.	2.4	63
15	Spectroscopically Determined Collagen Pyr/deH-DHLNL Cross-Link Ratio and Crystallinity Indices Differ Markedly in Recombinant Congenic Mice with Divergent Calculated Bone Tissue Strength. <i>Connective Tissue Research</i> , 2003, 44, 134-142.	2.3	57
16	Murine complement factor B (BF) Sexual dimorphism and H-2-Linked polymorphism. <i>Immunogenetics</i> , 1982, 15, 23-30.	2.4	37
17	Complex genetic effect of B10.D2 (M504) (H-2dm1) mutation. <i>Immunogenetics</i> , 1979, 8, 539-550.	2.4	35
18	Genetic dissection of susceptibility to radiation-induced apoptosis of thymocytes and mapping of Rapop1, a novel susceptibility gene. <i>Genomics</i> , 1995, 25, 609-614.	2.9	35

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19	Different Genetic Control of Cutaneous and Visceral Disease after <i>Leishmania major</i> Infection in Mice. <i>Infection and Immunity</i> , 2003, 71, 2041-2046.	2.2	35
20	Separation of multiple genes controlling the T-cell proliferative response to IL-2 and anti-CD3 using recombinant congenic strains. <i>Immunogenetics</i> , 1995, 41, 301-311.	2.4	30
21	A susceptibility gene for alveolar lung tumors in the mouse maps between Hsp70.3 and G7 within the H2 complex. <i>Immunogenetics</i> , 1995, 41, 106-9.	2.4	29
22	A new H-2.1-PositiveD region allele, D _{dx} , controlling two molecules, H-2D _{dx} and H-2L _{dx} . <i>Immunogenetics</i> , 1979, 8, 109-125.	2.4	28
23	Mouse genetic model for clinical and immunological heterogeneity of leishmaniasis. <i>Immunogenetics</i> , 2002, 54, 174-183.	2.4	28
24	HEMAGGLUTINATION AND CYTOTOXIC STUDIES OF H-2 II. SOME NEW CYTOTOXIC SPECIFICITIES. <i>Transplantation</i> , 1971, 11, 238-259.	1.0	27
25	Genetics of Host Response to <i>Leishmania tropica</i> in Mice – Different Control of Skin Pathology, Chemokine Reaction, and Invasion into Spleen and Liver. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1667.	3.0	27
26	The production of two Th2 cytokines, interleukin-4 and interleukin-10, is controlled independently by locus <i>Cypr1</i> and by loci <i>Cypr2</i> and <i>Cypr3</i> , respectively. <i>Immunogenetics</i> , 1999, 49, 134-141.	2.4	26
27	Genetic Study of Variation in Normal Mouse Iron Homeostasis Reveals Ceruloplasmin as an HFE-Hemochromatosis Modifier Gene. <i>Gastroenterology</i> , 2007, 132, 679-686.	1.3	26
28	Quantitative trait loci for biomechanical performance and femoral geometry in an intercross of recombinant congenic mice: restriction of the <i>Bmd7</i> candidate interval. <i>FASEB Journal</i> , 2009, 23, 2142-2154.	0.5	26
29	Distinct genetic control of parasite elimination, dissemination, and disease after <i>Leishmania major</i> infection. <i>Immunogenetics</i> , 2009, 61, 619-633.	2.4	26
30	Further evidence for two separate loci (H-2D and H-2L) in the D region of the H-2 complex. <i>Immunogenetics</i> , 1978, 6, 513-527.	2.4	25
31	The H-2L locus and the system of H-2 specificities. <i>Immunogenetics</i> , 1978, 7, 295-311.	2.4	24
32	Genetics of susceptibility to radiation-induced lymphomas, leukemias and lung tumors studied in recombinant congenic strains. , 1999, 83, 674-678.		24
33	Five new mouse susceptibility to colon cancer loci, <i>Sccl1</i> – <i>Sccl5</i> . <i>Oncogene</i> , 2003, 22, 7258-7260.	5.9	24
34	IL-2-Induced Proliferative Response Is Controlled by Loci <i>Cinda1</i> and <i>Cinda2</i> on Mouse Chromosomes 11 and 12: A Distinct Control of the Response Induced by Different IL-2 Concentrations. <i>Genomics</i> , 1997, 42, 11-15.	2.9	22
35	H-2L: Demonstration of Four New Allelic Products and Independence of H-2D and H-2L Molecules. <i>Tissue Antigens</i> , 1979, 14, 233-250.	1.0	22
36	Topographical relationships among H-2 specificities controlled by the D region. <i>Immunogenetics</i> , 1977, 4, 349-364.	2.4	21

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37	Genetics of Quantitative and Qualitative Aspects of Lung Tumorigenesis in the Mouse: Multiple Interacting Susceptibility to lung cancer (Sluc) Genes with Large Effects. <i>Experimental Lung Research</i> , 1998, 24, 419-436.	1.2	21
38	Defective spectrin integrity and neonatal thrombosis in the first mouse model for severe hereditary elliptocytosis. <i>Blood</i> , 2001, 97, 543-550.	1.4	21
39	Serological characterization of previously unknown H-2 molecules identified in the products of the Kd and Dk region. <i>Immunogenetics</i> , 1981, 12, 397-408.	2.4	20
40	Genetic Control of Resistance to <i>Trypanosoma brucei brucei</i> Infection in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1173.	3.0	19
41	Genetic Analysis of Macrophage Characteristics as a Tool to Identify Tumor Susceptibility Genes. <i>Cancer Research</i> , 2004, 64, 3458-3464.	0.9	18
42	Most Lung and Colon Cancer Susceptibility Genes Are Pair-Wise Linked in Mice, Humans and Rats. <i>PLoS ONE</i> , 2011, 6, e14727.	2.5	18
43	Fine mapping of Hyplip1 and the human homolog, a potential locus for FCHL. <i>Mammalian Genome</i> , 2001, 12, 238-245.	2.2	17
44	Linkage mapping of femoral material properties in a reciprocal intercross of HcB-8 and HcB-23 recombinant mouse strains. <i>Bone</i> , 2010, 46, 1251-1259.	2.9	16
45	Linkage mapping of principal components for femoral biomechanical performance in a reciprocal HCB-8 Å— HCB-23 intercross. <i>Bone</i> , 2011, 48, 647-653.	2.9	16
46	THE GENETIC BASIS OF THE GENERATION OF EFFECTOR CAPACITY FOR CELL MEDIATED LYMPHOLYSIS IN MICE. <i>International Journal of Immunogenetics</i> , 2007, 1, 47-51.	1.8	15
47	Mapping the Genes for Susceptibility and Response to <i>Leishmania tropica</i> in Mouse. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2282.	3.0	15
48	Genetic Regulation of Guanylate-Binding Proteins 2b and 5 during Leishmaniasis in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 130.	4.8	15
49	Genetic analysis of three-dimensional shape of mouse lung tumors reveals eight lung tumor shape-determining (Ltsd) loci that are associated with tumor heterogeneity and symmetry. <i>Cancer Research</i> , 2003, 63, 125-31.	0.9	15
50	Persistence of Gamma-H2AX Foci in Bronchial Cells Correlates with Susceptibility to Radiation Associated Lung Cancer in Mice. <i>Radiation Research</i> , 2018, 191, 67.	1.5	14
51	Identical genetic control of MLC reactivity to different MHC incompatibilities, independent of production of and response to IL-2. <i>Immunogenetics</i> , 1996, 44, 27-35.	2.4	13
52	Genetic characterization of the Dyscalc locus. <i>Mammalian Genome</i> , 2002, 13, 283-288.	2.2	13
53	H-2 Gene Complex and its Role in Alloimmune Reactions. <i>Immunological Reviews</i> , 1973, 15, 162-200.	6.0	12
54	Novel loci controlling lymphocyte proliferative response to cytokines and their clustering with loci controlling autoimmune reactions, macrophage function and lung tumor susceptibility. <i>International Journal of Cancer</i> , 2005, 114, 394-399.	5.1	12

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55	H-2: Its Structure and Similarity to HL-A. <i>Immunological Reviews</i> , 1973, 15, 3-25.	6.0	11
56	Comprehensive Skeletal Phenotyping and Linkage Mapping in an Intercross of Recombinant Congenic Mouse Strains HcB-8 and HcB-23. <i>Cells Tissues Organs</i> , 2011, 194, 244-248.	2.3	11
57	Gene-Specific Sex Effects on Susceptibility to Infectious Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 712688.	4.8	11
58	Genetic control of T-cell proliferative response in mice linked to chromosomes 11 and 15. <i>Immunogenetics</i> , 1996, 44, 475-477.	2.4	10
59	The Genetic Factors in Cancer Development and their Implications for Cancer Prevention and Detection. <i>Radiation Research</i> , 2005, 164, 462-466.	1.5	10
60	Loci controlling lymphocyte production of interferon $\hat{\imath}^3$ after alloantigen stimulation in vitro and their co-localization with genes controlling lymphocyte infiltration of tumors and tumor susceptibility. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 203-213.	4.2	10
61	Gene-specific sex effects on eosinophil infiltration in leishmaniasis. <i>Biology of Sex Differences</i> , 2016, 7, 59.	4.1	10
62	Modulations of glucocorticoid-induced apoptosis linked to the p53 deletion and to the apoptosis susceptibility gene Rapop1 (Radiation-induced apoptosis 1). <i>Oncogene</i> , 1999, 18, 4282-4285.	5.9	9
63	T-cell proliferative response is controlled by loci Tria4 and Tria5 on mouse Chromosomes 7 and 9. <i>Mammalian Genome</i> , 1999, 10, 670-674.	2.2	9
64	Simulation of the distribution of parental strainsâ€™ genomes in RC strains of mice. <i>Mammalian Genome</i> , 1997, 8, 884-889.	2.2	8
65	Independence of H-2 and viral antigens on the cell surface and absence of H-2 antigens on murine leukemia virus and mouse mammary tumor virus particles. <i>Immunogenetics</i> , 1981, 14, 203-220.	2.4	7
66	Control of lymphocyte infiltration of lung tumors in mice by hostâ€™s genes: mapping of four Lynf (lymphocyte infiltration) loci. <i>Cancer Immunology, Immunotherapy</i> , 2007, 57, 217-225.	4.2	6
67	Analysis of the expression of H-2 and H-2-linked antigens on mammary tumor cells. <i>International Journal of Cancer</i> , 1979, 24, 165-167.	5.1	5
68	THREE-DIMENSIONAL PATTERNS OF LUNG TUMOR GROWTH: ASSOCIATION WITH TUMOR HETEROGENEITY. <i>Experimental Lung Research</i> , 2001, 27, 521-531.	1.2	5
69	LUNG TUMOR LOCATION AND LYMPHOCYTE INFILTRATION IN MICE ARE GENETICALLY DETERMINED. <i>Experimental Lung Research</i> , 2005, 31, 513-525.	1.2	5
70	Comparative gene expression profiling in two congenic mouse strains following <i>Bordetella pertussis</i> infection. <i>BMC Microbiology</i> , 2007, 7, 88.	3.3	5
71	Susceptibility Loci and Chromosomal Abnormalities in Radiation Induced Hematopoietic Neoplasms in Mice. <i>Journal of Radiation Research</i> , 2011, 52, 147-158.	1.6	5
72	Novel Loci Controlling Parasite Load in Organs of Mice Infected With <i>Leishmania major</i> , Their Interactions and Sex Influence. <i>Frontiers in Immunology</i> , 2019, 10, 1083.	4.8	5

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73	A New Polygenic Model for Nonfamilial Colorectal Cancer Inheritance Based on the Genetic Architecture of the Azoxymethane-Induced Mouse Model. <i>Genetics</i> , 2020, 214, 691-702.	2.9	5
74	T-cell proliferative response is controlled by locus <i>Tria3</i> on mouse chromosome 17. <i>Immunogenetics</i> , 1999, 49, 235-237.	2.4	4
75	Identical genetic control of MLC reactivity to different MHC incompatibilities, independent of production of and response to IL-2. <i>Immunogenetics</i> , 1996, 44, 27-35.	2.4	4
76	B10.RIII(71NS)SnA congenic line apparently retains an RIII derived allele at Ly-6 locus. <i>Immunogenetics</i> , 1984, 20, 705-706.	2.4	3
77	Five serologically distinguishable Dq region molecules. <i>Immunogenetics</i> , 1984, 20, 211-216.	2.4	3
78	Genetic Influence on Frequencies of Myeloid-Derived Cell Subpopulations in Mouse. <i>Frontiers in Immunology</i> , 2021, 12, 760881.	4.8	3
79	Susceptibility loci affecting <i>ERBB2</i> / <i>neu</i> -induced mammary tumorigenesis in mice. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 631-643.	2.8	2
80	Cross-Cancer Analysis Reveals Novel Pleiotropic Associations”Letter. <i>Cancer Research</i> , 2017, 77, 6042-6044.	0.9	2
81	Private specificity of α L ^{dx} molecule detected serologically by a surface antigen redistribution method (capping). <i>Tissue Antigens</i> , 1982, 20, 274-281.	1.0	1
82	A locus on chromosome 8 controlling tumor regionalita”a new type of tumor diversity in the mouse lung. <i>International Journal of Cancer</i> , 2010, 126, 2603-2613.	5.1	1
83	Genetic control of T-cell proliferative response in mice linked to chromosomes 11 and 15. <i>Immunogenetics</i> , 1996, 44, 475-477.	2.4	0