Patrick Concannon

List of Publications by Year
in descending order

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200 papers	23,579 citations	13099 68 h-index	7950 149 g-index
206 all docs	206 docs citations	206 times ranked	26435 citing authors

#	Article	IF	Citations
1	Smoking, Radiation Therapy, and Contralateral Breast Cancer Risk in Young Women. Journal of the National Cancer Institute, 2022, 114, 631-634.	6.3	6
2	Genetic Control of Splicing at SIRPG Modulates Risk of Type 1 Diabetes. Diabetes, 2022, 71, 350-358.	0.6	2
3	Integrative analyses of TEDDY Omics data reveal lipid metabolism abnormalities, increased intracellular ROS and heightened inflammation prior to autoimmunity for type 1 diabetes. Genome Biology, 2021, 22, 39.	8.8	22
4	Fine-mapping, trans-ancestral and genomic analyses identify causal variants, cells, genes and drug targets for type 1 diabetes. Nature Genetics, 2021, 53, 962-971.	21.4	133
5	Genes affecting ionizing radiation survival identified through combined exome sequencing and functional screening. Human Mutation, 2021, 42, 1124-1138.	2.5	0
6	Cancer Risks Associated With Germline PALB2 Pathogenic Variants: An International Study of 524 Families. Journal of Clinical Oncology, 2020, 38, 674-685.	1.6	270
7	A case-control study of the joint effect of reproductive factors and radiation treatment for first breast cancer and risk of contralateral breast cancer in the WECARE study. Breast, 2020, 54, 62-69.	2.2	3
8	Genome-Wide Association Study of Cryptosporidiosis in Infants Implicates PRKCA. MBio, 2020, 11, .	4.1	20
9	Radiation Treatment, ATM, BRCA1/2, and CHEK2*1100delC Pathogenic Variants and Risk of Contralateral Breast Cancer. Journal of the National Cancer Institute, 2020, 112, 1275-1279.	6.3	21
10	Machine learning on genome-wide association studies to predict the risk of radiation-associated contralateral breast cancer in the WECARE Study. PLoS ONE, 2020, 15, e0226157.	2.5	22
11	Genetics of Type 1 Diabetes Comes of Age. Diabetes Care, 2020, 43, 16-18.	8.6	11
12	UBASH3A Regulates the Synthesis and Dynamics of TCRâ€“CD3 Complexes. Journal of Immunology, 2019, 203, 2827-2836.	0.8	32
13	Association of a Pathway-Specific Genetic Risk Score With Risk of Radiation-Associated Contralateral Breast Cancer. JAMA Network Open, 2019, 2, e1912259.	5.9	5
14	Type 1 Diabetes Risk in African-Ancestry Participants and Utility of an Ancestry-Specific Genetic Risk Score. Diabetes Care, 2019, 42, 406-415.	8.6	62
15	Molecular-genetic characterization of common, noncoding UBASH3A variants associated with type 1 diabetes. European Journal of Human Genetics, 2018, 26, 1060-1064.	2.8	23
16	Agreement between self-reported and register-based cardiovascular events among Danish breast cancer survivors. Journal of Cancer Survivorship, 2018, 12, 95-100.	2.9	7
17	Identification of ATIC as a Novel Target for Chemoradiosensitization. International Journal of Radiation Oncology Biology Physics, 2018, 100, 162-173.	0.8	22
18	Breast Cancer Family History and Contralateral Breast Cancer Risk in Young Women: An Update From the Womenâ€™s Environmental Cancer and Radiation Epidemiology Study. Journal of Clinical Oncology, 2018, 36, 1513-1520.	1.6	44

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19	Genome-Wide Association Study Reveals Genetic Link between Diarrhea-Associated Entamoeba histolytica Infection and Inflammatory Bowel Disease. MBio, 2018, 9, .	4.1	23
20	Event Analysis: Using Transcript Events To Improve Estimates of Abundance in RNA-seq Data. G3: Genes, Genomes, Genetics, 2018, 8, 2923-2940.	1.8	11
21	Genome-wide Analysis in Brazilians Reveals Highly Differentiated Native American Genome Regions. Molecular Biology and Evolution, 2017, 34, msw249.	8.9	21
22	ChIP Technique to Study Protein Dynamics at Defined DNA Double Strand Breaks. Methods in Molecular Biology, 2017, 1599, 245-262.	0.9	0
23	The A946T variant of the RNA sensor IFIH1 mediates an interferon program that limits viral infection but increases the risk for autoimmunity. Nature Immunology, 2017, 18, 744-752.	14.5	119
24	UBASH3A Mediates Risk for Type 1 Diabetes Through Inhibition of T-Cell Receptorâ€“Induced NF-ÎºB Signaling. Diabetes, 2017, 66, 2033-2043.	0.6	54
25	Disease-specific biases in alternative splicing and tissue-specific dysregulation revealed by multitissue profiling of lymphocyte gene expression in type 1 diabetes. Genome Research, 2017, 27, 1807-1815.	5.5	29
26	ATM, radiation, and the risk of second primary breast cancer. International Journal of Radiation Biology, 2017, 93, 1121-1127.	1.8	34
27	Hormone receptor status of a first primary breast cancer predicts contralateral breast cancer risk in the WECARE study population. Breast Cancer Research, 2017, 19, 83.	5.0	27
28	Body mass index, weight change, and risk of second primary breast cancer in the <scp>WECARE</scp> study: influence of estrogen receptor status of the first breast cancer. Cancer Medicine, 2016, 5, 3282-3291.	2.8	22
29	Targeted Deep Sequencing in Multiple-Affected Sibships of European Ancestry Identifies Rare Deleterious Variants in PTPN22 That Confer Risk for Type 1 Diabetes. Diabetes, 2016, 65, 794-802.	0.6	24
30	Systematic Evaluation of Genes and Genetic Variants Associated with Type 1 Diabetes Susceptibility. Journal of Immunology, 2016, 196, 3043-3053.	0.8	47
31	Fine mapping of type 1 diabetes susceptibility loci and evidence for colocalization of causal variants with lymphoid gene enhancers. Nature Genetics, 2015, 47, 381-386.	21.4	589
32	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. Nature Genetics, 2015, 47, 164-171.	21.4	221
33	Novel Association Between Immune-Mediated Susceptibility Loci and Persistent Autoantibody Positivity in Type 1 Diabetes. Diabetes, 2015, 64, 3017-3027.	0.6	20
34	Cytomegalovirus infection enhances the immune response to influenza. Science Translational Medicine, 2015, 7, 281ra43.	12.4	277
35	Summary of the Type 1 Diabetes Genetics Consortium Autoantibody Workshop. Diabetes Care, 2015, 38, S45-S48.	8.6	2
36	ATM-dependent phosphorylation of MRE11 controls extent of resection during homology directed repair by signalling through Exonuclease 1. Nucleic Acids Research, 2015, 43, 8352-8367.	14.5	54

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37	Effects of Type 1 Diabetes-Associated IFIH1 Polymorphisms on MDA5 Function and Expression. Current Diabetes Reports, 2015, 15, 96.	4.2	47
38	Common variants at theCHEK2gene locus and risk of epithelial ovarian cancer. Carcinogenesis, 2015, 36, 1341-1353.	2.8	24
39	Role of Type 1 Diabetesâ€“Associated SNPs on Autoantibody Positivity in the Type 1 Diabetes Genetics Consortium: Overview. Diabetes Care, 2015, 38, S1-S3.	8.6	488
40	Genetic and epigenetic variation in the lineage specification of regulatory T cells. ELife, 2015, 4, e07571.	6.0	49
41	CTSH regulates Î²-cell function and disease progression in newly diagnosed type 1 diabetes patients. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10305-10310.	7.1	81
42	Breast-Cancer Risk in Families With Mutations in PALB2. Obstetrical and Gynecological Survey, 2014, 69, 659-660.	0.4	1
43	Role of Leptin-Mediated Colonic Inflammation in Defense against Clostridium difficile Colitis. Infection and Immunity, 2014, 82, 341-349.	2.2	46
44	A Method for Geneâ€Based Pathway Analysis Using Genomewide Association Study Summary Statistics Reveals Nine New Type 1 Diabetes Associations. Genetic Epidemiology, 2014, 38, 661-670.	1.3	54
45	Fine Mapping and Functional Studies of Risk Variants for Type 1 Diabetes at Chromosome 16p13.13. Diabetes, 2014, 63, 4360-4368.	0.6	17
46	Breast-Cancer Risk in Families with Mutations in PALB2. New England Journal of Medicine, 2014, 371, 497-506.	27.0	745
47	A hybrid qPCR/SNP array approach allows cost efficient assessment of KIR gene copy numbers in large samples. BMC Genomics, 2014, 15, 274.	2.8	12
48	HLA-DRB1*07:01 is associated with a higher risk of asparaginase allergies. Blood, 2014, 124, 1266-1276.	1.4	84
49	Intensity modulated radiotherapy for sinonasal malignancies with a focus on optic pathway preservation. Journal of Hematology and Oncology, 2013, 6, 4.	17.0	17
50	Common variants in genes coding for chemotherapy metabolizing enzymes, transporters, and targets: a caseâ€“control study of contralateral breast cancer risk in the WECARE Study. Cancer Causes and Control, 2013, 24, 1605-1614.	1.8	6
51	Contralateral breast cancer after radiotherapy among BRCA1 and BRCA2 mutation carriers: A WECARE Study Report. European Journal of Cancer, 2013, 49, 2979-2985.	2.8	72
52	Dense genotyping of immune-related disease regions identifies 14 new susceptibility loci for juvenile idiopathic arthritis. Nature Genetics, 2013, 45, 664-669.	21.4	337
53	NBN Phosphorylation regulates the accumulation of MRN and ATM at sites of DNA double-strand breaks. Oncogene, 2013, 32, 4448-4456.	5.9	18
54	Gut Microbiomes of Malawian Twin Pairs Discordant for Kwashiorkor. Science, 2013, 339, 548-554.	12.6	1,012

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55	ImmunoChip Study Implicates Antigen Presentation to T Cells in Narcolepsy. PLoS Genetics, 2013, 9, e1003270.	3.5	206
56	Risk of Asynchronous Contralateral Breast Cancer in Noncarriers of BRCA1 and BRCA2 Mutations With a Family History of Breast Cancer: A Report From the Women's Environmental Cancer and Radiation Epidemiology Study. Journal of Clinical Oncology, 2013, 31, 433-439.	1.6	101
57	Imputing Amino Acid Polymorphisms in Human Leukocyte Antigens. PLoS ONE, 2013, 8, e64683.	2.5	538
58	HLA-DRB1*07:01 Is Associated With Asparaginase Allergies In Children With Acute Lymphoblastic Leukemia. Blood, 2013, 122, 60-60.	1.4	1
59	Variants in tamoxifen metabolizing genes: a case-control study of contralateral breast cancer risk in the WECARE study. International Journal of Molecular Epidemiology and Genetics, 2013, 4, 35-48.	0.4	6
60	Rare and functional SIAE variants are not associated with autoimmune disease risk in up to 66,924 individuals of European ancestry. Nature Genetics, 2012, 44, 3-5.	21.4	44
61	Evidence for two independent associations with type 1 diabetes at the 12q13 locus. Genes and Immunity, 2012, 13, 66-70.	4.1	22
62	Variation in Genes Related to Obesity, Weight, and Weight Change and Risk of Contralateral Breast Cancer in the WECARE Study Population. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 2261-2267.	2.5	11
63	Evidence of Gene-Gene Interaction and Age-at-Diagnosis Effects in Type 1 Diabetes. Diabetes, 2012, 61, 3012-3017.	0.6	60
64	Variants in activators and downstream targets of ATM, radiation exposure, and contralateral breast cancer risk in the WECARE study. Human Mutation, 2012, 33, 158-164.	2.5	23
65	Rare germline mutations inPALB2and breast cancer risk: A population-based study. Human Mutation, 2012, 33, 674-680.	2.5	74
66	Confirmation of novel type 1 diabetes risk loci in families. Diabetologia, 2012, 55, 996-1000.	6.3	50
67	Single nucleotide polymorphisms associated with risk for contralateral breast cancer in the Women's Environment, Cancer, and Radiation Epidemiology (WECARE) Study. Breast Cancer Research, 2011, 13, R114.	5.0	33
68	Risk of contralateral breast cancer associated with common variants in BRCA1 and BRCA2: potential modifying effect of BRCA1/BRCA2 mutation carrier status. Breast Cancer Research and Treatment, 2011, 127, 819-829.	2.5	11
69	Assessment of rare BRCA1 and BRCA2 variants of unknown significance using hierarchical modeling. Genetic Epidemiology, 2011, 35, 389-397.	1.3	15
70	Comprehensive Profiling of Radiosensitive Human Cell Lines with DNA Damage Response Assays Identifies the Neutral Comet Assay as a Potential Surrogate for Clonogenic Survival. Radiation Research, 2011, 177, 176.	1.5	12
71	Oral contraceptives and postmenopausal hormones and risk of contralateral breast cancer among BRCA1 and BRCA2 mutation carriers and noncarriers: the WECARE Study. Breast Cancer Research and Treatment, 2010, 120, 175-183.	2.5	22
72	Adjuvant systemic therapy for breast cancer in BRCA1/BRCA2 mutation carriers in a population-based study of risk of contralateral breast cancer. Breast Cancer Research and Treatment, 2010, 123, 491-498.	2.5	57

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73	Reproductive factors and risk of contralateral breast cancer by BRCA1 and BRCA2 mutation status: results from the WECARE study. Cancer Causes and Control, 2010, 21, 839-846.	1.8	12
74	Characterization ofBRCA1andBRCA2deleterious mutations and variants of unknown clinical significance in unilateral and bilateral breast cancer: the WECARE study. Human Mutation, 2010, 31, E1200-E1240.	2.5	103
75	HLA Class I and Genetic Susceptibility to Type 1 Diabetes. Diabetes, 2010, 59, 2972-2979.	0.6	202
76	Dual Functions of Nbs1 in the Repair of DNA Breaks and Proliferation Ensure Proper V(D)J Recombination and T-Cell Development. Molecular and Cellular Biology, 2010, 30, 5572-5581.	2.3	23
77	Population-Based Study of the Risk of Second Primary Contralateral Breast Cancer Associated With Carrying a Mutation inBRCA1orBRCA2. Journal of Clinical Oncology, 2010, 28, 2404-2410.	1.6	166
78	Genetics of Type 1 Diabetes: What's Next?. Diabetes, 2010, 59, 1561-1571.	0.6	256
79	Radiation Exposure, the ATM Gene, and Contralateral Breast Cancer in the Women's Environmental Cancer and Radiation Epidemiology Study. Journal of the National Cancer Institute, 2010, 102, 475-483.	6.3	121
80	Genetics of Type 1A Diabetes. New England Journal of Medicine, 2009, 360, 1646-1654.	27.0	437
81	Nuclear Export of NBN Is Required for Normal Cellular Responses to Radiation. Molecular and Cellular Biology, 2009, 29, 1000-1006.	2.3	18
82	Recent Progress in the Genetics of Diabetes. Hormone Research in Paediatrics, 2009, 71, 17-23.	1.8	7
83	Genome-Wide Scan for Linkage to Type 1 Diabetes in 2,496 Multiplex Families From the Type 1 Diabetes Genetics Consortium. Diabetes, 2009, 58, 1018-1022.	0.6	87
84	Functional and computational assessment of missense variants in the ataxia-telangiectasia mutated (ATM) gene: mutations with increased cancer risk. Human Mutation, 2009, 30, 12-21.	2.5	72
85	Genome-wide association study and meta-analysis find that over 40 loci affect risk of type 1 diabetes. Nature Genetics, 2009, 41, 703-707.	21.4	1,513
86	Endogenous hSNM1B/Apollo interacts with TRF2 and stimulates ATM in response to ionizing radiation. DNA Repair, 2008, 7, 1192-1201.	2.8	37
87	Rapid screen for truncating ATM mutations by PTT-ELISA. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 139-144.	1.0	15
88	Variants in the ATM Gene Associated with a Reduced Risk of Contralateral Breast Cancer. Cancer Research, 2008, 68, 6486-6491.	0.9	43
89	A Human Type 1 Diabetes Susceptibility Locus Maps to Chromosome 21q22.3. Diabetes, 2008, 57, 2858-2861.	0.6	103
90	Risk for contralateral breast cancer among carriers of the CHEK2*1100delC mutation in the WECARE Study. British Journal of Cancer, 2008, 98, 728-733.	6.4	42

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91	Variation of Breast Cancer Risk Among BRCA1/2 Carriers. JAMA - Journal of the American Medical Association, 2008, 299, 194-201.	7.4	244
92	Replication independent ATR signalling leads to G2/M arrest requiring Nbs1, 53BP1 and MDC1. Human Molecular Genetics, 2008, 17, 3247-3253.	2.9	33
93	HLA DR-DQ Haplotypes and Genotypes and Type 1 Diabetes Risk. Diabetes, 2008, 57, 1084-1092.	0.6	631
94	Genetic Variation in PTPN22 Corresponds to Altered Function of T and B Lymphocytes. Journal of Immunology, 2007, 179, 4704-4710.	0.8	295
95	ATR-dependent phosphorylation and activation of ATM in response to UV treatment or replication fork stalling. EMBO Journal, 2006, 25, 5775-5782.	7.8	319
96	Recent advances in the immunogenetics of human type 1 diabetes. Current Opinion in Immunology, 2006, 18, 634-638.	5.5	21
97	The Type 1 Diabetes Genetics Consortium. Annals of the New York Academy of Sciences, 2006, 1079, 1-8.	3.8	116
98	Population-based estimates of breast cancer risks associated withATMgene variants c.7271T>G and c.1066-6T>G (IVS10-6T>G) from the Breast Cancer Family Registry. Human Mutation, 2006, 27, 1122-1128.	2.5	88
99	On the proposed association of the ATM variants 5557G>A and IVS38-8T>C and bilateral breast cancer. International Journal of Cancer, 2006, 119, 724-725.	5.1	13
100	The CHEK2*1100delC Allelic Variant and Risk of Breast Cancer: Screening Results from the Breast Cancer Family Registry. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 348-352.	2.5	46
101	Active Role for Nibrin in the Kinetics of Atm Activation. Molecular and Cellular Biology, 2006, 26, 1691-1699.	2.3	77
102	A Haplotype-Based Analysis of the PTPN22 Locus in Type 1 Diabetes. Diabetes, 2006, 55, 2883-2889.	0.6	53
103	ATM Gene Founder Haplotypes and Associated Mutations in Polish Families with Ataxia-Telangiectasia. Annals of Human Genetics, 2005, 69, 657-664.	0.8	37
104	Extended DR3-D6S273-HLA-B haplotypes are associated with increased susceptibility to type 1 diabetes in US Caucasians. Tissue Antigens, 2005, 65, 115-119.	1.0	27
105	Functional variants in SUMO4, TAB2, and NFÎºB and the risk of type 1 diabetes. Genes and Immunity, 2005, 6, 231-235.	4.1	41
106	A patient with mutations in DNA Ligase IV: Clinical features and overlap with Nijmegen breakage syndrome. American Journal of Medical Genetics, Part A, 2005, 137A, 283-287.	1.2	96
107	DNA-dependent Protein Kinase and XRCC4-DNA Ligase IV Mobilization in the Cell in Response to DNA Double Strand Breaks. Journal of Biological Chemistry, 2005, 280, 7060-7069.	3.4	129
108	Type 1 Diabetes. Diabetes, 2005, 54, 2995-3001.	0.6	221

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109	The genetics of type 1 diabetes: Lessons learned and future challenges. Journal of Autoimmunity, 2005, 25, 34-39.	6.5	19
110	Independent Roles for Nibrin and Mre11-Rad50 in the Activation and Function of Atm. Journal of Biological Chemistry, 2004, 279, 38813-38819.	3.4	69
111	Polymorphic variation in the CBLB gene in human type 1 diabetes. Genes and Immunity, 2004, 5, 232-235.	4.1	18
112	A functional polymorphism (1858C/T) in the PTPN22 gene is linked and associated with type I diabetes in multiplex families. Genes and Immunity, 2004, 5, 678-680.	4.1	120
113	Human SNM1B is required for normal cellular response to both DNA interstrand crosslink-inducing agents and ionizing radiation. Oncogene, 2004, 23, 8611-8618.	5.9	84
114	Remapping the Insulin Gene/IDDM2 Locus in Type 1 Diabetes. Diabetes, 2004, 53, 1884-1889.	0.6	198
115	Study design: Evaluating geneâ€“environment interactions in the etiology of breast cancer â€“ the WECARE study. Breast Cancer Research, 2004, 6, R199-214.	5.0	106
116	An overview of three new disorders associated with genetic instability: LIG4 syndrome, RS-SCID and ATR-Seckel syndrome. DNA Repair, 2004, 3, 1227-1235.	2.8	174
117	A functional variant of IRS1 is associated with type 1 diabetes in families from the US and UK. Molecular Genetics and Metabolism, 2004, 81, 291-294.	1.1	11
118	Designing and implementing quality control for multi-center screening of mutations in the ATM gene among women with breast cancer. Human Mutation, 2003, 21, 542-550.	2.5	56
119	Functional delivery of large genomic DNA to human cells with a peptide-lipid vector. Journal of Gene Medicine, 2003, 5, 883-892.	2.8	29
120	Improved diagnostic testing for ataxiaâ€“telangiectasia by immunoblotting of nuclear lysates for ATM protein expression. Molecular Genetics and Metabolism, 2003, 80, 437-443.	1.1	78
121	ATM variants 7271T>G and IVS10-6T>G among women with unilateral and bilateral breast cancer. British Journal of Cancer, 2003, 89, 1513-1516.	6.4	45
122	Nibrin Forkhead-associated Domain and Breast Cancer C-terminal Domain Are Both Required for Nuclear Focus Formation and Phosphorylation. Journal of Biological Chemistry, 2003, 278, 21944-21951.	3.4	63
123	Medulloblastoma With Adverse Reaction to Radiation Therapy in Nijmegen Breakage Syndrome. Journal of Pediatric Hematology/Oncology, 2003, 25, 248-251.	0.6	50
124	Challenges and Strategies for Investigating the Genetic Complexity of Common Human Diseases. Diabetes, 2002, 51, S288-S294.	0.6	34
125	Complementarity-Determining Region 1 Sequence Requirements Drive Limited VÎ± Usage in Response to Influenza Hemagglutinin 307â€“319 Peptide. Journal of Immunology, 2002, 168, 3894-3901.	0.8	5
126	Nijmegen breakage syndrome: Clinical characteristics and mutation analysis in eight unrelated Russian families. Journal of Pediatrics, 2002, 140, 355-361.	1.8	77

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127	Mutations and molecular variants of theNBS1 gene in non-Hodgkin lymphoma. Genes Chromosomes and Cancer, 2002, 35, 282-286.	2.8	43
128	Mapping genes for autoimmunity in humans: typeâ€ƒ1 diabetes as a model. Immunological Reviews, 2002, 190, 182-194.	6.0	51
129	ATM heterozygosity and cancer risk. Nature Genetics, 2002, 32, 89-90.	21.4	55
130	Parameters for reliable results in genetic association studies in common disease. Nature Genetics, 2002, 30, 149-150.	21.4	224
131	Linkage and Association With Type 1 Diabetes on Chromosome 1q42. Diabetes, 2002, 51, 3318-3325.	0.6	15
132	Etoposide and Adriamycin but Not Genistein Can Activate the Checkpoint Kinase Chk2 Independently of ATM/ATR. Biochemical and Biophysical Research Communications, 2001, 289, 1199-1204.	2.1	28
133	Linkage Studies of SOX13, the ICA12 Autoantigen Gene, in Families with Type 1 Diabetes. Molecular Genetics and Metabolism, 2001, 72, 356-359.	1.1	1
134	Seven Regions of the Genome Show Evidence of Linkage to Type 1 Diabetes in a Consensus Analysis of 767 Multiplex Families. American Journal of Human Genetics, 2001, 69, 820-830.	6.2	245
135	DNA Ligase IV Mutations Identified in Patients Exhibiting Developmental Delay and Immunodeficiency. Molecular Cell, 2001, 8, 1175-1185.	9.7	497
136	Immune diversity and genomic stability: opposite goals but similar paths. Journal of Photochemistry and Photobiology B: Biology, 2001, 65, 88-96.	3.8	14
137	Increased frequency ofATM mutations in breast carcinoma patients with early onset disease and positive family history. Cancer, 2001, 92, 479-487.	4.1	105
138	Chk2 Activation Dependence on Nbs1 after DNA Damage. Molecular and Cellular Biology, 2001, 21, 5214-5222.	2.3	198
139	Distinct Functional Domains of Nibrin Mediate Mre11 Binding, Focus Formation, and Nuclear Localization. Molecular and Cellular Biology, 2001, 21, 2184-2191.	2.3	161
140	ATM-dependent phosphorylation of nibrin in response to radiation exposure. Nature Genetics, 2000, 25, 115-119.	21.4	446
141	Genetic variation in the gene encoding calpain-10 is associated with type 2 diabetes mellitus. Nature Genetics, 2000, 26, 163-175.	21.4	1,403
142	Nijmegen breakage syndrome. Archives of Disease in Childhood, 2000, 82, 400-406.	1.9	253
143	V(D)J rearrangement in Nijmegen breakage syndrome. Molecular Immunology, 2000, 37, 1131-1139.	2.2	46
144	The role of X-chromosome inactivation in female predisposition to autoimmunity. Arthritis Research, 2000, 2, 399.	2.0	85

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145	Regulated Genomic Instability and Neoplasia in the Lymphoid Lineage. Blood, 1999, 94, 3997-4010.	1.4	117
146	Loci on chromosomes 2 (NIDDM1) and 15 interact to increase susceptibility to diabetes in Mexican Americans. Nature Genetics, 1999, 21, 213-215.	21.4	374
147	Splicing Defects in the Ataxia-Telangiectasia Gene, ATM: Underlying Mutations and Consequences. American Journal of Human Genetics, 1999, 64, 1617-1631.	6.2	290
148	Cancer Risk in ATM Heterozygotes: A Model of Phenotypic and Mechanistic Differences between Missense and Truncating Mutations. Molecular Genetics and Metabolism, 1999, 68, 419-423.	1.1	182
149	Regulated Genomic Instability and Neoplasia in the Lymphoid Lineage. Blood, 1999, 94, 3997-4010.	1.4	4
150	A second-generation screen of the human genome for susceptibility to insulin-dependent diabetes mellitus. Nature Genetics, 1998, 19, 292-296.	21.4	330
151	Familial spinocerebellar ataxia with cerebellar atrophy, peripheral neuropathy, and elevated level of serum creatine kinase, ?-globulin, and ?-fetoprotein. Annals of Neurology, 1998, 44, 265-269.	5.3	54
152	Nibrin, a Novel DNA Double-Strand Break Repair Protein, Is Mutated in Nijmegen Breakage Syndrome. Cell, 1998, 93, 467-476.	28.9	989
153	Ataxia-Telangiectasia: Identification and Detection of Founder-Effect Mutations in the ATM Gene in Ethnic Populations. American Journal of Human Genetics, 1998, 62, 86-97.	6.2	156
154	Fine Localization of the Nijmegen Breakage Syndrome Gene to 8q21: Evidence for a Common Founder Haplotype. American Journal of Human Genetics, 1998, 63, 125-134.	6.2	49
155	MAGE Xp-2: A Member of the MAGE Gene Family Isolated from an Expression Library Using Systemic Lupus Erythematosus Sera. Molecular Genetics and Metabolism, 1998, 63, 3-13.	1.1	15
156	Protein kinase mutants of human ATR increase sensitivity to UV and ionizing radiation and abrogate cell cycle checkpoint control. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7445-7450.	7.1	219
157	CAND3: A ubiquitously expressed gene immediately adjacent and in opposite transcriptional orientation to the ATM gene at 1lq23.1. Mammalian Genome, 1997, 8, 129-133.	2.2	17
158	Organization, polymorphism, and expression of the human T-cell receptor AV1 subfamily. Immunogenetics, 1997, 45, 405-412.	2.4	1
159	Presentation of abundant endogenous class II DR-restricted antigens by DM-negative B cell lines. European Journal of Immunology, 1997, 27, 1014-1021.	2.9	17
160	Diversity ofATM gene mutations detected in patients with ataxia-telangiectasia. Human Mutation, 1997, 10, 100-107.	2.5	165
161	TCR expression and clonality analysis in pulmonary sarcoidosis. Human Immunology, 1996, 48, 98-106.	2.4	6
162	Repertoire and Organization of Human T-Cell Receptor Î± Region Variable Genes. Genomics, 1996, 38, 442-445.	2.9	6

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163	A genomeâ€“wide search for human nonâ€“insulinâ€“dependent (type 2) diabetes genes reveals a major susceptibility locus on chromosome 2. Nature Genetics, 1996, 13, 161-166.	21.4	580
164	Modulation of promiscuous T cell receptor recognition by mutagenesis of CDR2 residues.. Journal of Experimental Medicine, 1996, 183, 2043-2051.	8.5	30
165	PCR-based genotyping and haplotype analysis of human TCRBV gene segment polymorphisms. Immunogenetics, 1995, 42, 254-61.	2.4	18
166	Linkage studies in NIDDM with markers near the sulphonylurea receptor gene. Diabetologia, 1995, 38, 1479-1481.	6.3	27
167	Linkage and association between insulinâ€“dependent diabetes mellitus (IDDM) susceptibility and markers near the glucokinase gene on chromosome 7. Nature Genetics, 1995, 10, 240-242.	21.4	54
168	Relative size and evolution of the germline repertoire of T-cell receptor Î²-chain gene segments in nonhuman primates. Genomics, 1995, 25, 150-156.	2.9	11
169	Frequency and Polymorphism of Simple Sequence Repeats in a Contiguous 685-kb DNA Sequence Containing the Human T-Cell Receptor Î²-Chain Gene Complex. Genomics, 1995, 29, 760-765.	2.9	13
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