Patrick Concannon

List of Publications by Year
in descending order

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200 papers	23,579 citations	13098 68 h-index	7949 149 g-index
206 all docs	206 docs citations	206 times ranked	26435 citing authors

#	Article	IF	Citations
1	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
2	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
3	Gut Microbiomes of Malawian Twin Pairs Discordant for Kwashiorkor. Science, 2013, 339, 548-554.	12.6	1,012
4	Nibrin, a Novel DNA Double-Strand Break Repair Protein, Is Mutated in Nijmegen Breakage Syndrome. Cell, 1998, 93, 467-476.	28.9	989
5	Breast-Cancer Risk in Families with Mutations in PALB2. New England Journal of Medicine, 2014, 371, 497-506.	27.0	745
6	Localization of an ataxia-telangiectasia gene to chromosome 11q22â€“23. Nature, 1988, 336, 577-580.	27.8	677
7	HLA DR-DQ Haplotypes and Genotypes and Type 1 Diabetes Risk. Diabetes, 2008, 57, 1084-1092.	0.6	631
8	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
9	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
10	Imputing Amino Acid Polymorphisms in Human Leukocyte Antigens. PLoS ONE, 2013, 8, e64683.	2.5	538
11	DNA Ligase IV Mutations Identified in Patients Exhibiting Developmental Delay and Immunodeficiency. Molecular Cell, 2001, 8, 1175-1185.	9.7	497
12	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
13	Structure, Organization and Polymorphism of Murine and Human T-Cell Receptor a and beta Chain Gene Families. Immunological Reviews, 1988, 101, 149-172.	6.0	456
14	ATM-dependent phosphorylation of nibrin in response to radiation exposure. Nature Genetics, 2000, 25, 115-119.	21.4	446
15	Genetics of Type 1A Diabetes. New England Journal of Medicine, 2009, 360, 1646-1654.	27.0	437
16	Conserved organization of the human and murine T-cell receptor Î²-gene families. Nature, 1988, 331, 543-546.	27.8	374
17	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
18	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

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19	A second-generation screen of the human genome for susceptibility to insulin-dependent diabetes mellitus. Nature Genetics, 1998, 19, 292-296.	21.4	330
20	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
21	Genetic Variation in PTPN22 Corresponds to Altered Function of T and B Lymphocytes. Journal of Immunology, 2007, 179, 4704-4710.	0.8	295
22	Splicing Defects in the Ataxia-Telangiectasia Gene, ATM: Underlying Mutations and Consequences. American Journal of Human Genetics, 1999, 64, 1617-1631.	6.2	290
23	Cytomegalovirus infection enhances the immune response to influenza. Science Translational Medicine, 2015, 7, 281ra43.	12.4	277
24	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
25	Genetics of Type 1 Diabetes: What's Next?. Diabetes, 2010, 59, 1561-1571.	0.6	256
26	Nijmegen breakage syndrome. Archives of Disease in Childhood, 2000, 82, 400-406.	1.9	253
27	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
28	Variation of Breast Cancer Risk Among BRCA1/2 Carriers. JAMA - Journal of the American Medical Association, 2008, 299, 194-201.	7.4	244
29	Parameters for reliable results in genetic association studies in common disease. Nature Genetics, 2002, 30, 149-150.	21.4	224
30	Type 1 Diabetes. Diabetes, 2005, 54, 2995-3001.	0.6	221
31	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. Nature Genetics, 2015, 47, 164-171.	21.4	221
32	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
33	ImmunoChip Study Implicates Antigen Presentation to T Cells in Narcolepsy. PLoS Genetics, 2013, 9, e1003270.	3.5	206
34	HLA Class I and Genetic Susceptibility to Type 1 Diabetes. Diabetes, 2010, 59, 2972-2979.	0.6	202
35	Chk2 Activation Dependence on Nbs1 after DNA Damage. Molecular and Cellular Biology, 2001, 21, 5214-5222.	2.3	198
36	Remapping the Insulin Gene/IDDM2 Locus in Type 1 Diabetes. Diabetes, 2004, 53, 1884-1889.	0.6	198

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37	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
38	The extent of the human germline T-cell receptor V beta gene segment repertoire. Immunogenetics, 1994, 40, 27-36.	2.4	181
39	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
40	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
41	Diversity ofATM gene mutations detected in patients with ataxia-telangiectasia. Human Mutation, 1997, 10, 100-107.	2.5	165
42	Distinct Functional Domains of Nibrin Mediate Mre11 Binding, Focus Formation, and Nuclear Localization. Molecular and Cellular Biology, 2001, 21, 2184-2191.	2.3	161
43	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
44	The germline repertoire of T cell receptor Î²-chain genes in patients with chronic progressive multiple sclerosis. Journal of Neuroimmunology, 1989, 21, 59-66.	2.3	147
45	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
46	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
47	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
48	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
49	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
50	Regulated Genomic Instability and Neoplasia in the Lymphoid Lineage. Blood, 1999, 94, 3997-4010.	1.4	117
51	The Type 1 Diabetes Genetics Consortium. Annals of the New York Academy of Sciences, 2006, 1079, 1-8.	3.8	116
52	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
53	Increased frequency ofATM mutations in breast carcinoma patients with early onset disease and positive family history. Cancer, 2001, 92, 479-487.	4.1	105
54	A Human Type 1 Diabetes Susceptibility Locus Maps to Chromosome 21q22.3. Diabetes, 2008, 57, 2858-2861.	0.6	103

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55	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
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	The germline repertoire of T-cell receptor beta-chain genes in patients with multiple sclerosis. Research in Immunology, 1989, 140, 212-215.	0.9	99
58	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
59	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
60	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
61	The role of X-chromosome inactivation in female predisposition to autoimmunity. Arthritis Research, 2000, 2, 399.	2.0	85
62	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
63	HLA-DRB1*07:01 is associated with a higher risk of asparaginase allergies. Blood, 2014, 124, 1266-1276.	1.4	84
64	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
65	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
66	Nijmegen breakage syndrome: Clinical characteristics and mutation analysis in eight unrelated Russian families. Journal of Pediatrics, 2002, 140, 355-361.	1.8	77
67	Active Role for Nibrin in the Kinetics of Atm Activation. Molecular and Cellular Biology, 2006, 26, 1691-1699.	2.3	77
68	Rare germline mutations inPALB2and breast cancer risk: A population-based study. Human Mutation, 2012, 33, 674-680.	2.5	74
69	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
70	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
71	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
72	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

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73	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
74	Evidence of Gene-Gene Interaction and Age-at-Diagnosis Effects in Type 1 Diabetes. Diabetes, 2012, 61, 3012-3017.	0.6	60
75	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
76	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
77	ATM heterozygosity and cancer risk. Nature Genetics, 2002, 32, 89-90.	21.4	55
78	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
79	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
80	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
81	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
82	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
83	A Haplotype-Based Analysis of the PTPN22 Locus in Type 1 Diabetes. Diabetes, 2006, 55, 2883-2889.	0.6	53
84	Mapping genes for autoimmunity in humans: typeâ€ƒ1 diabetes as a model. Immunological Reviews, 2002, 190, 182-194.	6.0	51
85	Medulloblastoma With Adverse Reaction to Radiation Therapy in Nijmegen Breakage Syndrome. Journal of Pediatric Hematology/Oncology, 2003, 25, 248-251.	0.6	50
86	Confirmation of novel type 1 diabetes risk loci in families. Diabetologia, 2012, 55, 996-1000.	6.3	50
87	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
88	Genetic and epigenetic variation in the lineage specification of regulatory T cells. ELife, 2015, 4, e07571.	6.0	49
89	Effects of Type 1 Diabetes-Associated IFIH1 Polymorphisms on MDA5 Function and Expression. Current Diabetes Reports, 2015, 15, 96.	4.2	47
90	Systematic Evaluation of Genes and Genetic Variants Associated with Type 1 Diabetes Susceptibility. Journal of Immunology, 2016, 196, 3043-3053.	0.8	47

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91	V(D)J rearrangement in Nijmegen breakage syndrome. Molecular Immunology, 2000, 37, 1131-1139.	2.2	46
92	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
93	Role of Leptin-Mediated Colonic Inflammation in Defense against Clostridium difficile Colitis. Infection and Immunity, 2014, 82, 341-349.	2.2	46
94	Further localization of a multiple sclerosis susceptibility gene on chromosome 7q using a new T cell receptor beta-chain DNA polymorphism. Journal of Neuroimmunology, 1991, 32, 231-240.	2.3	45
95	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
96	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
97	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
98	Mutations and molecular variants of theNBS1 gene in non-Hodgkin lymphoma. Genes Chromosomes and Cancer, 2002, 35, 282-286.	2.8	43
99	Variants in the ATM Gene Associated with a Reduced Risk of Contralateral Breast Cancer. Cancer Research, 2008, 68, 6486-6491.	0.9	43
100	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
101	Functional variants in SUMO4, TAB2, and NFÎºB and the risk of type 1 diabetes. Genes and Immunity, 2005, 6, 231-235.	4.1	41
102	Differences in t cell receptor restriction fragment length polymorphisms in patients with rheumatoid arthritis. Arthritis and Rheumatism, 1992, 35, 465-471.	6.7	39
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	Endogenous hSNM1B/Apollo interacts with TRF2 and stimulates ATM in response to ionizing radiation. DNA Repair, 2008, 7, 1192-1201.	2.8	37
105	Challenges and Strategies for Investigating the Genetic Complexity of Common Human Diseases. Diabetes, 2002, 51, S288-S294.	0.6	34
106	ATM, radiation, and the risk of second primary breast cancer. International Journal of Radiation Biology, 2017, 93, 1121-1127.	1.8	34
107	A primary linkage map of the human chromosome 11q22â€“23 region. Genomics, 1990, 6, 316-323.	2.9	33
108	Replication independent ATR signalling leads to G2/M arrest requiring Nbs1, 53BP1 and MDC1. Human Molecular Genetics, 2008, 17, 3247-3253.	2.9	33

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109	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
110	HLA and T Cell Receptor Polymorphisms in Pauciarticular-Onset Juvenile Rheumatoid Arthritis. Arthritis and Rheumatism, 1991, 34, 1260-1267.	6.7	32
111	UBASH3A Regulates the Synthesis and Dynamics of TCRâ€“CD3 Complexes. Journal of Immunology, 2019, 203, 2827-2836.	0.8	32
112	Modulation of promiscuous T cell receptor recognition by mutagenesis of CDR2 residues.. Journal of Experimental Medicine, 1996, 183, 2043-2051.	8.5	30
113	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
114	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
115	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
116	HLA and T cell receptor Î²-chain DNA polymorphisms identify a distinct subset of patients with pauciarticular-onset juvenile rheumatoid arthritis. Arthritis and Rheumatism, 1994, 37, 695-701.	6.7	27
117	Linkage studies in NIDDM with markers near the sulphonylurea receptor gene. Diabetologia, 1995, 38, 1479-1481.	6.3	27
118	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
119	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
120	Common variants at theCHEK2gene locus and risk of epithelial ovarian cancer. Carcinogenesis, 2015, 36, 1341-1353.	2.8	24
121	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
122	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
123	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
124	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
125	Genome-Wide Association Study Reveals Genetic Link between Diarrhea-Associated Entamoeba histolytica Infection and Inflammatory Bowel Disease. MBio, 2018, 9, .	4.1	23
126	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

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127	Evidence for two independent associations with type 1 diabetes at the 12q13 locus. Genes and Immunity, 2012, 13, 66-70.	4.1	22
128	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
129	Identification of ATIC as a Novel Target for Chemoradiosensitization. International Journal of Radiation Oncology Biology Physics, 2018, 100, 162-173.	0.8	22
130	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
131	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
132	Recent advances in the immunogenetics of human type 1 diabetes. Current Opinion in Immunology, 2006, 18, 634-638.	5.5	21
133	Genome-wide Analysis in Brazilians Reveals Highly Differentiated Native American Genome Regions. Molecular Biology and Evolution, 2017, 34, msw249.	8.9	21
134	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
135	Novel Association Between Immune-Mediated Susceptibility Loci and Persistent Autoantibody Positivity in Type 1 Diabetes. Diabetes, 2015, 64, 3017-3027.	0.6	20
136	Genome-Wide Association Study of Cryptosporidiosis in Infants Implicates PRKCA. MBio, 2020, 11, .	4.1	20
137	The genetics of type 1 diabetes: Lessons learned and future challenges. Journal of Autoimmunity, 2005, 25, 34-39.	6.5	19
138	PCR-based genotyping and haplotype analysis of human TCRBV gene segment polymorphisms. Immunogenetics, 1995, 42, 254-61.	2.4	18
139	Polymorphic variation in the CBLB gene in human type 1 diabetes. Genes and Immunity, 2004, 5, 232-235.	4.1	18
140	Nuclear Export of NBN Is Required for Normal Cellular Responses to Radiation. Molecular and Cellular Biology, 2009, 29, 1000-1006.	2.3	18
141	NBN Phosphorylation regulates the accumulation of MRN and ATM at sites of DNA double-strand breaks. Oncogene, 2013, 32, 4448-4456.	5.9	18
142	Tâ€cell receptor Î²â€chain DNA polymorphism frequencies in healthy HLAâ€DR homozygotes. Tissue Antigens, 1990, 35, 157-164.	1.0	17
143	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
144	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

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145	Intensity modulated radiotherapy for sinonasal malignancies with a focus on optic pathway preservation. Journal of Hematology and Oncology, 2013, 6, 4.	17.0	17
146	Fine Mapping and Functional Studies of Risk Variants for Type 1 Diabetes at Chromosome 16p13.13. Diabetes, 2014, 63, 4360-4368.	0.6	17
147	Polymorphism and phylogeny of dinucleotide repeats in human T-cell receptor Vb6 genes. Immunogenetics, 1993, 38, 92-7.	2.4	16
148	Human T-cell receptor VÎ± gene polymorphism. Human Immunology, 1991, 32, 277-283.	2.4	15
149	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
150	Rapid screen for truncating ATM mutations by PTT-ELISA. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 139-144.	1.0	15
151	Assessment of rare BRCA1 and BRCA2 variants of unknown significance using hierarchical modeling. Genetic Epidemiology, 2011, 35, 389-397.	1.3	15
152	Linkage and Association With Type 1 Diabetes on Chromosome 1q42. Diabetes, 2002, 51, 3318-3325.	0.6	15
153	Immune diversity and genomic stability: opposite goals but similar paths. Journal of Photochemistry and Photobiology B: Biology, 2001, 65, 88-96.	3.8	14
154	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
155	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
156	Polymorphisms in the Tcrb-V2 gene segments localize the Tcrb orphon genes to human chromosome 9p21. Immunogenetics, 1993, 38, 283-6.	2.4	12
157	A Pulsed-Field Gel Electrophoresis Map in the Ataxia-Telangiectasia Region of Chromosome 11q22.3. Genomics, 1994, 20, 278-280.	2.9	12
158	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
159	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
160	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
161	Human T-cell receptor CD3-Î´ (CD3D) / MspI DNA polymorphism. Nucleic Acids Research, 1989, 17, 2373-2373.	14.5	11
162	Ataxiaâ€telangiectasia: linkage analysis of chromosome 11q22â€23 markers in Turkish families. FASEB Journal, 1992, 6, 2848-2852.	0.5	11

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163	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
164	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
165	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
166	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
167	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
168	Genetics of Type 1 Diabetes Comes of Age. Diabetes Care, 2020, 43, 16-18.	8.6	11
169	T Cell Receptor Î² Gene Polymorphism and Rheumatoid Arthritis. Autoimmunity, 1992, 12, 75-77.	2.6	10
170	Nucleotide sequence of a uniquely expressed human T cell receptor Î² chain variable region gene (VÎ²) in Siogren's Syndrome. Nucleic Acids Research, 1989, 17, 455-455.	14.5	9
171	Recent Progress in the Genetics of Diabetes. Hormone Research in Paediatrics, 2009, 71, 17-23.	1.8	7
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