Jian-Min Chen

List of Publications by Year
in descending order

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166	7,505	47006	62596
papers	citations	47 h-index	80 g-index

183	183	183	8173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NGS mismapping confounds the clinical interpretation of the PRSS1 p.Ala16Val (c.47C>T) variant in chronic pancreatitis. Gut, 2022, 71, 841-842.	12.1	8
2	In situ delivery of apoptotic bodies derived from mesenchymal stem cells via a hyaluronic acid hydrogel: A therapy for intrauterine adhesions. Bioactive Materials, 2022, 12, 107-119.	15.6	36
3	Trypsinogen (PRSS1 and PRSS2) gene dosage correlates with pancreatitis risk across genetic and transgenic studies: a systematic review and re-analysis. Human Genetics, 2022, 141, 1327-1338.	3.8	8
4	The CEL-HYB1 Hybrid Allele Promotes Digestive Enzyme Misfolding and Pancreatitis in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 55-74.	4.5	8
5	Functionally deficient TRPV6 variants contribute to hereditary and familial chronic pancreatitis. Human Mutation, 2022, 43, 228-239.	2.5	7
6	Variants in the pancreatic CUB and zona pellucida-like domains 1 (CUZD1) gene in early-onset chronic pancreatitis - A possible new susceptibility gene. Pancreatology, 2022, 22, 564-571.	1.1	4
7	Splicing analysis of SLC40A1 missense variations and contribution to hemochromatosis type 4 phenotypes. Blood Cells, Molecules, and Diseases, 2021, 87, 102527.	1.4	5
8	The reversion variant (p.Arg90Leu) at the evolutionarily adaptive p.Arg90 site in CELA3B predisposes to chronic pancreatitis. Human Mutation, 2021, 42, 385-391.	2.5	6
9	The effect of laparoscopic excisional and ablative surgery on ovarian reserve in patients with endometriomas. Medicine (United States), 2021, 100, e24362.	1.0	6
10	The p.E152K-STIM1 mutation deregulates Ca2+ signaling contributing to chronic pancreatitis. Journal of Cell Science, 2021, 134, .	2.0	4
11	Scale and Scope of Gene-Alcohol Interactions in Chronic Pancreatitis: A Systematic Review. Genes, 2021, 12, 471.	2.4	9
12	Digenic Inheritance and Gene-Environment Interaction in a Patient With Hypertriglyceridemia and Acute Pancreatitis. Frontiers in Genetics, 2021, 12, 640859.	2.3	7
13	Missense RHD single nucleotide variants induce weakened D antigen expression by altering splicing and/or protein expression. Transfusion, 2021, 61, 2468-2476.	1.6	1
14	The three common polymorphisms p.A986S, p.R990G and p.Q1011E in the calcium sensing receptor (CASR) are not associated with chronic pancreatitis. Pancreatology, 2021, 21, 1299-1304.	1.1	3
15	Splicing Outcomes of 5â€² Splice Site GT>GC Variants That Generate Wild-Type Transcripts Differ Significantly Between Full-Length and Minigene Splicing Assays. Frontiers in Genetics, 2021, 12, 701652.	2.3	9
16	Effect of Low Dietary Vitamin D Fed Prior to and During Pregnancy and Lactation on Maternal Bone Mineral Density, Structure, and Strength in C57BL/6 Mice. Current Developments in Nutrition, 2021, 5, nzab114.	0.3	1
17	Asian Population Is More Prone to Develop High-Risk Myelodysplastic Syndrome, Concordantly with Their Propensity to Exhibit High-Risk Cytogenetic Aberrations. Cancers, 2021, 13, 481.	3.7	22
18	No Convincing Evidence to Support a Bimodal Age of Onset in Idiopathic Chronic Pancreatitis. Clinical Gastroenterology and Hepatology, 2021, , .	4.4	1

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19	Chronic Pancreatitis: The True Pathogenic Culprit within the SPINK1 N34S-Containing Haplotype Is No Longer at Large. Genes, 2021, 12, 1683.	2.4	5
20	The corrected breakpoint sequence of the homozygous SPINK1 deletion causing severe infantile isolated exocrine pancreatic insufficiency. Human Mutation, 2021, 42, 216-217.	2.5	0
21	Most unambiguous loss-of-function CPA1 mutations are unlikely to predispose to chronic pancreatitis. Gut, 2020, 69, 785-786.	12.1	6
22	Variants That Affect Function of Calcium Channel TRPV6 Are Associated With Early-Onset Chronic Pancreatitis. Gastroenterology, 2020, 158, 1626-1641.e8.	1.3	77
23	Analysis of GPRC6A variants in different pancreatitis etiologies. Pancreatology, 2020, 20, 1262-1267.	1.1	1
24	Role of the Common PRSS1-PRSS2 Haplotype in Alcoholic and Non-Alcoholic Chronic Pancreatitis: Meta- and Re-Analyses. Genes, 2020, 11, 1349.	2.4	14
25	Pathogenic and likely pathogenic variants in at least five genes account for approximately 3% of mild isolated nonsyndromic thrombocytopenia. Transfusion, 2020, 60, 2419-2431.	1.6	6
26	EXT1 and EXT2 Variants in 22 Chinese Families With Multiple Osteochondromas: Seven New Variants and Potentiation of Preimplantation Genetic Testing and Prenatal Diagnosis. Frontiers in Genetics, 2020, 11, 607838.	2.3	4
27	5â€² splice site GC>GT and GT>GC variants differ markedly in terms of their functionality and pathogenicity. Human Mutation, 2020, 41, 1358-1364.	2.5	7
28	Identification and functional characterization of a novel heterozygous missense variant in the LPL associated with recurrent hypertriglyceridemiaâ€induced acute pancreatitis in pregnancy. Molecular Genetics & Genomic Medicine, 2020, 8, e1048.	1.2	11
29	Characterization of CEL-DUP2: Complete duplication of the carboxyl ester lipase gene is unlikely to influence risk of chronic pancreatitis. Pancreatology, 2020, 20, 377-384.	1.1	5
30	The Experimentally Obtained Functional Impact Assessments of 5' Splice Site GT>GC Variants Differ Markedly from Those Predicted. Current Genomics, 2020, 21, 56-66.	1.6	16
31	Citrobacter rodentium alters the mouse colonic miRNome. Genes and Immunity, 2019, 20, 207-213.	4.1	2
32	Common variants in glyoxalase I do not increase chronic pancreatitis risk. PLoS ONE, 2019, 14, e0222927.	2.5	0
33	First estimate of the scale of canonical 5â€² splice site GT>GC variants capable of generating wildâ€type transcripts. Human Mutation, 2019, 40, 1856-1873.	2.5	25
34	Identification of a novel and heterozygous LMF1 nonsense mutation in an acute pancreatitis patient with severe hypertriglyceridemia, severe obesity and heavy smoking. Lipids in Health and Disease, 2019, 18, 68.	3.0	17
35	Toward a clinical diagnostic pipeline for SPINK1 intronic variants. Human Genomics, 2019, 13, 8.	2.9	8
36	Protease-Sensitive Pancreatic Lipase Variants Are Associated With Early Onset Chronic Pancreatitis. American Journal of Gastroenterology, 2019, 114, 974-983.	0.4	48

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37	Cornual Suture at the Time of Laparoscopic Salpingectomy Reduces the Incidence of Interstitial Pregnancy after In Vitro Fertilization. Journal of Minimally Invasive Gynecology, 2018, 25, 1080-1087.	0.6	9
38	PRSS1 copy number variants and promoter polymorphisms in pancreatitis: common pathogenetic mechanism, different genetic effects. Gut, 2018, 67, 592-593.	12.1	12
39	Genome-wide association study identifies inversion in the CTRB1-CTRB2 locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. Gut, 2018, 67, 1855-1863.	12.1	97
40	The CTRB1-CTRB2 risk allele for chronic pancreatitis discovered in European populations does not contribute to disease risk variation in the Chinese population due to near allele fixation. Gut, 2018, 67, 1368-1369.	12.1	12
41	SPINK1 , PRSS1 , CTRC , and CFTR Genotypes Influence Disease Onset and Clinical Outcomes in Chronic Pancreatitis. Clinical and Translational Gastroenterology, 2018, 9, e204.	2.5	76
42	TPX2 silencing mediated by joint action of microvesicles and ultrasonic radiation inhibits the migration and invasion of SKOV3 cells. Molecular Medicine Reports, 2018, 17, 7627-7635.	2.4	4
43	Identification of compound heterozygous variants in the noncoding RNU4ATAC gene in a Chinese family with two successive foetuses with severe microcephaly. Human Genomics, 2018, 12, 3.	2.9	12
44	No significant enrichment of rare functionally defective CPA1 variants in a large Chinese idiopathic chronic pancreatitis cohort. Human Mutation, 2017, 38, 959-963.	2.5	19
45	Identification of a novel SPINK1 deletion in a teenager with idiopathic chronic pancreatitis. Digestive and Liver Disease, 2017, 49, 941-943.	0.9	1
46	Identification of a functional enhancer variant within the chronic pancreatitisâ€associatedSPINK1c.101A>G (p.Asn34Ser)â€containing haplotype. Human Mutation, 2017, 38, 1014-1024.	2.5	18
47	PKD2 -Related Autosomal Dominant Polycystic Kidney Disease: Prevalence, Clinical Presentation, Mutation Spectrum, andÂPrognosis. American Journal of Kidney Diseases, 2017, 70, 476-485.	1.9	50
48	In vitro and in silico evidence against a significant effect of theSPINK1c.194G>A variant on pre-mRNA splicing. Gut, 2017, 66, 2195-2196.	12.1	12
49	Severe infantile isolated exocrine pancreatic insufficiency caused by the complete functional loss of theSPINK1gene. Human Mutation, 2017, 38, 1660-1665.	2.5	24
50	In silico prioritization and further functional characterization of SPINK1 intronic variants. Human Genomics, 2017, 11, 7.	2.9	10
51	Deletions OverlappingVCANExon 8 Are New Molecular Defects for Wagner Disease. Human Mutation, 2017, 38, 43-47.	2.5	16
52	Analysis of the Impact of Known SPINK1 Missense Variants on Pre-mRNA Splicing and/or mRNA Stability in a Full-Length Gene Assay. Genes, 2017, 8, 263.	2.4	10
53	Pathogenetics of Chronic Pancreatitis. , 2017, , 63-77.		0
54	A Short History of Research into Chronic Pancreatitis. , 2017, , 1-5.		0

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55	No Association Between CELâ€“HYB Hybrid Allele and Chronic Pancreatitis in Asian Populations. Gastroenterology, 2016, 150, 1558-1560.e5.	1.3	59
56	Discovery and Functional Annotation ofPRSS1Promoter Variants in Chronic Pancreatitis. Human Mutation, 2016, 37, 1149-1152.	2.5	5
57	Incidence of Interstitial Pregnancy After InÂVitro Fertilization/Embryo Transfer and the Outcome of a ConsecutiveÂSeries of 38 Cases Managed by Laparoscopic Cornuostomy or Cornual Repair. Journal of Minimally Invasive Gynecology, 2016, 23, 739-747.	0.6	32
58	Digging deeper into the intronic sequences of theSPINK1gene: TableÂ1. Gut, 2016, 65, 1055-1056.	12.1	10
59	Clarifying the clinical relevance ofSPINK1intronic variants in chronic pancreatitis. Gut, 2016, 65, 884-886.	12.1	32
60	Overrepresentation of Rare CASR Coding Variants in a Sample of Young French Patients With Idiopathic Chronic Pancreatitis. Pancreas, 2015, 44, 996-998.	1.1	15
61	Disclosing the Hidden Structure and Underlying Mutational Mechanism of a Novel Type of Duplication CNV Responsible for Hereditary Multiple Osteochondromas. Human Mutation, 2015, 36, 758-763.	2.5	6
62	Complex Multiple-Nucleotide Substitution Mutations Causing Human Inherited Disease Reveal Novel Insights into the Action of Translesion Synthesis DNA Polymerases. Human Mutation, 2015, 36, 1034-1038.	2.5	12
63	Report of 2 CTRC Intronic Mutations Associated With Acute or Chronic Pancreatitis and Delineation of Their Pathogenic Molecular Mechanisms. Pancreas, 2015, 44, 999-1001.	1.1	2
64	Concurrent Nucleotide Substitution Mutations in the Human Genome Are Characterized by a Significantly Decreased Transition/Transversion Ratio. Human Mutation, 2015, 36, 333-341.	2.5	9
65	A recombined allele of the lipase gene CEL and its pseudogene CELP confers susceptibility to chronic pancreatitis. Nature Genetics, 2015, 47, 518-522.	21.4	157
66	Characterization of 26 deletion CNVs reveals the frequent occurrence of micro-mutations within the breakpoint-flanking regions and frequent repair of double-strand breaks by templated insertions derived from remote genomic regions. Human Genetics, 2015, 134, 589-603.	3.8	25
67	Clinical Features and Endoscopic Treatment of Chinese Patients With Hereditary Pancreatitis. Pancreas, 2015, 44, 59-63.	1.1	16
68	Characterization of the second <scp>HFE</scp> gross deletion highlights the potential importance of Aluâ€mediated recombination in haemochromatosis. British Journal of Haematology, 2015, 168, 759-762.	2.5	0
69	Identification of a functionalPRSS1promoter variant in linkage disequilibrium with the chronic pancreatitis-protecting rs10273639. Gut, 2015, 64, 1837-1838.	12.1	35
70	Flaxseed oil enhances the effectiveness of trastuzumab in reducing the growth of HER2-overexpressing human breast tumors (BT-474). Journal of Nutritional Biochemistry, 2015, 26, 16-23.	4.2	27
71	Polymorphisms atPRSS1â€“PRSS2andCLDN2â€“MORC4loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. Gut, 2015, 64, 1426-1433.	12.1	105
72	Long-Term Vitamin D3 Supplementation Does Not Prevent Colonic Inflammation or Modulate Bone Health in IL-10 Knockout Mice at Young Adulthood. Nutrients, 2014, 6, 3847-3862.	4.1	14

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73	Genetics and Pathogenesis of Autosomal Dominant Polycystic Kidney Disease: 20 Years On. Human Mutation, 2014, 35, 1393-1406.	2.5	74
74	A New and More Accurate Estimate of the Rate of Concurrent Tandem-Base Substitution Mutations in the Human Germline: â^¼0.4% of the Single-Nucleotide Substitution Mutation Rate. Human Mutation, 2014, 35, 392-394.	2.5	15
75	Small deletions within the RHD coding sequence: a report of two novel mutational events and a survey of the underlying pathophysiologic mechanisms. Transfusion, 2013, 53, 206-210.	1.6	9
76	Dissecting the Structure and Mechanism of a Complex Duplication-Triplication Rearrangement in theDMDGene. Human Mutation, 2013, 34, 1080-1084.	2.5	31
77	Human Trypsins. , 2013, , 2600-2609.		7
78	Variants in CPA1 are strongly associated with early onset chronic pancreatitis. Nature Genetics, 2013, 45, 1216-1220.	21.4	255
79	Establishment of a mediumâ€throughput approach for the genotyping of <scp>RHD</scp> variants and report of nine novel rare alleles. Transfusion, 2013, 53, 1821-1828.	1.6	39
80	Characterization of two deletions of the CTRC locus. Molecular Genetics and Metabolism, 2013, 109, 296-300.	1.1	12
81	Type of PKD1 Mutation Influences Renal Outcome in ADPKD. Journal of the American Society of Nephrology: JASN, 2013, 24, 1006-1013.	6.1	403
82	Patterns and Mutational Signatures of Tandem Base Substitutions Causing Human Inherited Disease. Human Mutation, 2013, 34, 1119-1130.	2.5	34
83	Cationic Trypsin (Human). , 2013, , 2609-2614.		1
84	Anionic Trypsin (Human). , 2013, , 2614-2616.		1
85	A Missense Mutation in the Alpha-Actinin 1 Gene (ACTN1) Is the Cause of Autosomal Dominant Macrothrombocytopenia in a Large French Family. PLoS ONE, 2013, 8, e74728.	2.5	49
86	A Conservative Assessment of the Major Genetic Causes of Idiopathic Chronic Pancreatitis: Data from a Comprehensive Analysis of PRSS1, SPINK1, CTRC and CFTR Genes in 253 Young French Patients. PLoS ONE, 2013, 8, e73522.	2.5	89
87	First description of ABCB4 gene deletions in familial low phospholipid-associated cholelithiasis and oral contraceptives-induced cholestasis. European Journal of Human Genetics, 2012, 20, 277-282.	2.8	42
88	Functional Analysis of Eight Missense Mutations in the SPINK1 Gene. Pancreas, 2012, 41, 329-330.	1.1	17
89	Local sequence determinants of two in-frame triplet deletion/duplication hotspots in the RHD/RHCEgenes. Human Genomics, 2012, 6, 8.	2.9	2
90	Genetics and pathogenesis of chronic pancreatitis: The 2012 update. Clinics and Research in Hepatology and Gastroenterology, 2012, 36, 334-340.	1.5	49

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91	Autosomal dominant polycystic kidney disease: Comprehensive mutation analysis of PKD1 and PKD2 in 700 unrelated patients. Human Mutation, 2012, 33, 1239-1250.	2.5	144
92	Variant screening of the RHD gene in a large cohort of subjects with D phenotype ambiguity: report of 17 novel rare alleles. Transfusion, 2012, 52, 759-764.	1.6	24
93	Weak D caused by a founder deletion in the RHD gene. Transfusion, 2012, 52, 2348-2355.	1.6	22
94	Transient hypermutability, chromothripsis and replication-based mechanisms in the generation of concurrent clustered mutations. Mutation Research - Reviews in Mutation Research, 2012, 750, 52-59.	5.5	25
95	Effects of Flaxseed Lignan and Oil on Bone Health of Breast-Tumor-Bearing Mice Treated With or Without Tamoxifen. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 757-768.	2.3	13
96	Local DNA sequence determinants of FUT2 copy number variation. Transfusion, 2011, 51, 1359-1361.	1.6	3
97	Assessing the pathological relevance of SPINK1 promoter variants. European Journal of Human Genetics, 2011, 19, 1066-1073.	2.8	18
98	On the sequence-directed nature of human gene mutation: The role of genomic architecture and the local DNA sequence environment in mediating gene mutations underlying human inherited disease. Human Mutation, 2011, 32, 1075-1099.	2.5	99
99	Detection and characterisation of large SERPINC1 deletions in type I inherited antithrombin deficiency. Human Genetics, 2010, 127, 45-53.	3.8	27
100	Genetics of osteoporosis: accelerating pace in gene identification and validation. Human Genetics, 2010, 127, 249-285.	3.8	85
101	Genomic rearrangements in inherited disease and cancer. Seminars in Cancer Biology, 2010, 20, 222-233.	9.6	140
102	Complete ascertainment of intragenic copy number mutations (CNMs) in the CFTR gene and its implications for CNM formation at other autosomal loci. Human Mutation, 2010, 31, 421-428.	2.5	31
103	Genes, mutations, and human inherited disease at the dawn of the age of personalized genomics. Human Mutation, 2010, 31, 631-655.	2.5	161
104	Gene Conversion in Human Genetic Disease. Genes, 2010, 1, 550-563.	2.4	16
105	Genetic Analysis of the Glycoprotein 2 Gene in Patients With Chronic Pancreatitis. Pancreas, 2010, 39, 353-358.	1.1	10
106	The c.1275A>G putative chronic pancreatitis-associated synonymous polymorphism in the glycoprotein 2 (GP2) gene decreases exon 9 inclusion. Molecular Genetics and Metabolism, 2010, 99, 319-324.	1.1	10
107	Genetics of osteoporosis: perspectives for personalized medicine. Personalized Medicine, 2010, 7, 655-668.	1.5	13
108	The true culprit within the SPINK1 p.N34S-containing haplotype is still at large. Gut, 2009, 58, 478-480.	12.1	13

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109	Elucidation of the complex structure and origin of the human trypsinogen locus triplication. Human Molecular Genetics, 2009, 18, 3605-3614.	2.9	22
110	Gene conversion causing human inherited disease: Evidence for involvement of non-B-DNA-forming sequences and recombination-promoting motifs in DNA breakage and repair. Human Mutation, 2009, 30, 1189-1198.	2.5	63
111	Closely spaced multiple mutations as potential signatures of transient hypermutability in human genes. Human Mutation, 2009, 30, 1435-1448.	2.5	51
112	Chronic Pancreatitis: Genetics and Pathogenesis. Annual Review of Genomics and Human Genetics, 2009, 10, 63-87.	6.2	104
113	Association of rare chymotrypsinogen C (CTRC) gene variations in patients with idiopathic chronic pancreatitis. Human Genetics, 2008, 123, 83-91.	3.8	159
114	Hereditary pancreatitis caused by a double gain-of-function trypsinogen mutation. Human Genetics, 2008, 123, 521-529.	3.8	42
115	The 10â€Mb paracentric inversion of chromosome arm 2p in activating MSH2 and causing hereditary nonpolyposis colorectal cancer: Reâ€annotation and mutational mechanisms. Genes Chromosomes and Cancer, 2008, 47, 543-545.	2.8	18
116	Role of nonâ€B DNA conformations in initiating the nonallelic homologous recombinationâ€“derived Se^{fus} allele and the interlocus gene conversionâ€“derived Sec1â€FUT2â€Sec1 hybrid allele. Transfusion, 2008, 48, 1522-1523.	1.6	5
117	Detection of two Alu insertions in the CFTR gene. Journal of Cystic Fibrosis, 2008, 7, 37-43.	0.7	38
118	Trypsinogen Copy Number Mutations in Patients With Idiopathic Chronic Pancreatitis. Clinical Gastroenterology and Hepatology, 2008, 6, 82-88.	4.4	75
119	Homozygous deletion of HFE produces a phenotype similar to the HFE p.C282Y/p.C282Y genotype. Blood, 2008, 112, 5238-5240.	1.4	16
120	Absence of Mesotrypsinogen Gene (PRSS3) Copy Number Variations in Patients With Chronic Pancreatitis. Pancreas, 2008, 37, 227-228.	1.1	10
121	Co-inheritance of a novel deletion of the entire SPINK1 gene with a CFTR missense mutation (L997F) in a family with chronic pancreatitis. Molecular Genetics and Metabolism, 2007, 92, 168-175.	1.1	25
122	Dietary Flaxseed Interaction With Tamoxifen Induced Tumor Regression in Athymic Mice With MCF-7 Xenografts by Downregulating the Expression of Estrogen Related Gene Products and Signal Transduction Pathways. Nutrition and Cancer, 2007, 58, 162-170.	2.0	31
123	Flaxseed Alone or in Combination with Tamoxifen Inhibits MCF-7 Breast Tumor Growth in Ovariectomized Athymic Mice with High Circulating Levels of Estrogen. Experimental Biology and Medicine, 2007, 232, 1071-1080.	2.4	55
124	A large genomic deletion in thePDHX gene caused by the retrotranspositional insertion of a full-length LINE-1 element. Human Mutation, 2007, 28, 137-142.	2.5	62
125	Signal peptide variants that impair secretion of pancreatic secretory trypsin inhibitor (SPINK1) cause autosomal dominant hereditary pancreatitis. Human Mutation, 2007, 28, 469-476.	2.5	68
126	Double complex mutations involvingF8andFUNDC2caused by distinct break-induced replication. Human Mutation, 2007, 28, 1198-1206.	2.5	57

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127	Gene conversion: mechanisms, evolution and human disease. Nature Reviews Genetics, 2007, 8, 762-775.	16.3	576
128	Functional analysis of pancreatitis-associated missense mutations in the pancreatic secretory trypsin inhibitor (SPINK1) gene. European Journal of Human Genetics, 2007, 15, 936-942.	2.8	64
129	Searching for potential microRNA-binding site mutations amongst known disease-associated 3â€² UTR variants. Genomic Medicine, 2007, 1, 29-33.	0.3	7
130	Mechanism of Alu integration into the human genome. Genomic Medicine, 2007, 1, 9-17.	0.3	16
131	Flaxseed and its components reduce metastasis after surgical excision of solid human breast tumor in nude mice. Cancer Letters, 2006, 234, 168-175.	7.2	67
132	A degradation-sensitive anionic trypsinogen (PRSS2) variant protects against chronic pancreatitis. Nature Genetics, 2006, 38, 668-673.	21.4	220
133	Hereditary pancreatitis caused by triplication of the trypsinogen locus. Nature Genetics, 2006, 38, 1372-1374.	21.4	182
134	Gross genomic rearrangements involving deletions in the CFTR gene: characterization of six new events from a large cohort of hitherto unidentified cystic fibrosis chromosomes and meta-analysis of the underlying mechanisms. European Journal of Human Genetics, 2006, 14, 567-576.	2.8	77
135	Detection of a large genomic deletion in the pancreatic secretory trypsin inhibitor (SPINK1) gene. European Journal of Human Genetics, 2006, 14, 1204-1208.	2.8	28
136	A systematic analysis of disease-associated variants in the 3â€² regulatory regions of human protein-coding genes I: general principles and overview. Human Genetics, 2006, 120, 1-21.	3.8	135
137	A systematic analysis of disease-associated variants in the 3â€² regulatory regions of human protein-coding genes II: the importance of mRNA secondary structure in assessing the functionality of 3â€² UTR variants. Human Genetics, 2006, 120, 301-333.	3.8	125
138	LINE-1 Endonuclease-Dependent Retrotranspositional Events Causing Human Genetic Disease: Mutation Detection Bias and Multiple Mechanisms of Target Gene Disruption. Journal of Biomedicine and Biotechnology, 2006, 2006, 1-9.	3.0	51
139	Interactive effects of sesame seed and tamoxifen on estrogen dependent breast cancer in athymic nude mice. FASEB Journal, 2006, 20, A993.	0.5	0
140	Metaâ€Analysis of gross insertions causing human genetic disease: Novel mutational mechanisms and the role of replication slippage. Human Mutation, 2005, 25, 207-221.	2.5	148
141	Complex gene rearrangements caused by serial replication slippage. Human Mutation, 2005, 26, 125-134.	2.5	88
142	Intrachromosomal serial replication slippage intransgives rise to diverse genomic rearrangements involving inversions. Human Mutation, 2005, 26, 362-373.	2.5	62
143	A systematic analysis of LINE-1 endonuclease-dependent retrotranspositional events causing human genetic disease. Human Genetics, 2005, 117, 411-427.	3.8	206
144	Interaction between trypsinogen isoforms in genetically determined pancreatitis: Mutation E79K in cationic trypsin (PRSS1) causes increased transactivation of anionic trypsinogen (PRSS2). Human Mutation, 2004, 23, 22-31.	2.5	55

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145	Genomic rearrangements in theCFTRgene: Extensive allelic heterogeneity and diverse mutational mechanisms. Human Mutation, 2004, 23, 343-357.	2.5	115
146	Dietary Flaxseed Enhances the Inhibitory Effect of Tamoxifen on the Growth of Estrogen-Dependent Human Breast Cancer (MCF-7) in Nude Mice. Clinical Cancer Research, 2004, 10, 7703-7711.	7.0	81
147	Lignans and Tamoxifen, Alone or in Combination, Reduce Human Breast Cancer Cell Adhesion, Invasion and Migration in vitro. Breast Cancer Research and Treatment, 2003, 80, 163-170.	2.5	74
148	Reply: â€˜Gain of functionâ€™ PRSS1 mutations are rare in ICP. European Journal of Human Genetics, 2003, 11, 108-108.	2.8	0
149	â€œLoss of functionâ€•mutations in the cationic trypsinogen gene (PRSS1) may act as a protective factor against pancreatitis. Molecular Genetics and Metabolism, 2003, 79, 67-70.	1.1	45
150	Evolution of Trypsinogen Activation Peptides. Molecular Biology and Evolution, 2003, 20, 1767-1777.	8.9	97
151	Exposure to Flaxseed or Its Purified Lignan during Suckling Inhibits Chemically Induced Rat Mammary Tumorigenesis. Experimental Biology and Medicine, 2003, 228, 951-958.	2.4	72
152	Trypsinogen hL is not a New Member of the Human Trypsinogen Family, but a Known Mouse Ortholog. Biological and Pharmaceutical Bulletin, 2003, 26, 909.	1.4	0
153	Dietary Flaxseed Inhibits Human Breast Cancer Growth and Metastasis and Downregulates Expression of Insulin-Like Growth Factor and Epidermal Growth Factor Receptor. Nutrition and Cancer, 2002, 43, 187-192.	2.0	172
154	Determination of the relative contribution of three genesâ€“the cystic fibrosis transmembrane conductance regulator gene, the cationic trypsinogen gene, and the pancreatic secretory trypsin inhibitor geneâ€“to the etiology of idiopathic chronic pancreatitis. European Journal of Human Genetics, 2002, 10, 100-106.	2.8	131
155	Identification of a Novel Pancreatitis-Associated Missense Mutation, R116C, in the Human Cationic Trypsinogen Gene (PRSS1). Molecular Genetics and Metabolism, 2001, 74, 342-344.	1.1	35
156	Molecular pathology and evolutionary and physiological implications of pancreatitis-associated cationic trypsinogen mutations. Human Genetics, 2001, 109, 245-252.	3.8	62
157	Discrimination of three mutational events that result in a disruption of the R122 primary autolysis site of the human cationic trypsinogen (PRSS1) by denaturing high performance liquid chromatography. BMC Genetics, 2001, 2, 19.	2.7	42
158	A Combined Analysis of the Cystic Fibrosis Transmembrane Conductance Regulator: Implications for Structure and Disease Models. Molecular Biology and Evolution, 2001, 18, 1771-1788.	8.9	68
159	Genes, Cloned cDNAs, and Proteins of Human Trypsinogens and Pancreatitis-Associated Cationic Trypsinogen Mutations. Pancreas, 2000, 21, 57-62.	1.1	40
160	Molecular basis of hereditary pancreatitis. European Journal of Human Genetics, 2000, 8, 473-479.	2.8	31
161	Definition of a â€œFunctional R Domainâ€•of the Cystic Fibrosis Transmembrane Conductance Regulator. Molecular Genetics and Metabolism, 2000, 71, 245-249.	1.1	8
162	Gene Conversion-like Missense Mutations in the Human Cationic Trypsinogen Gene and Insights into the Molecular Evolution of the Human Trypsinogen Family. Molecular Genetics and Metabolism, 2000, 71, 463-469.	1.1	31

#	Article	IF	Citations
163	The A16V signal peptide cleavage site mutation in the cationic trypsinogen gene and chronic pancreatitis. Gastroenterology, 1999, 117, 1508-1509.	1.3	38
164	Transfer and expression of human O6-methylguanine-DNA methyltransferase cDNA confers resistance of Merâ˜ HeLa MR cells to 1-(4-amino-2-methyl-5-pyrimidinyl)methyl-3-(2-chloroethyl)-3-nitrosourea. Carcinogenesis, 1995, 16, 2271-2274.	2.8	2
165	Depletion of O6-methylguanineâ€"DNA methyltransferase and potentiation of 1,3-bis(2-chloroethyl)-1-nitrosourea antitumor activity by O6-benzylguanine in vitro. Carcinogenesis, 1993, 14, 1057-1060.	2.8	18
166	Determination of the relative contribution of three genesâ€"the cystic fibrosis transmembrane conductance regulator gene, the cationic trypsinogen gene, and the pancreatic secretory trypsin inhibitor geneâ€"to the etiology of idiopathic chronic pancreatitis. , 0, .		1