Csaba Szalai

List of Publications by Year
in descending order

96 papers	2,653 citations	172207 29 h-index	214527 47 g-index
100 all docs	100 docs citations	100 times ranked	3898 citing authors

#	Article	IF	Citations
1	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. Nature Genetics, 2010, 42, 492-494.	9.4	248
2	Polymorphism in the gene regulatory region of MCP-1 is associated with asthma susceptibility and severity. Journal of Allergy and Clinical Immunology, 2001, 108, 375-381.	1.5	156
3	Polymorphism in the promoter region of the apolipoprotein A5 gene is associated with an increased susceptibility for coronary artery disease. Atherosclerosis, 2004, 173, 109-114.	0.4	120
4	Diversity in Intrinsic Strengths of the Human Complement System: Serum C4 Protein Concentrations Correlate withC4Gene Size and Polygenic Variations, Hemolytic Activities, and Body Mass Index. Journal of Immunology, 2003, 171, 2734-2745.	0.4	108
5	ABCC1 polymorphisms in anthracyclineâ€induced cardiotoxicity in childhood acute lymphoblastic leukaemia. Cell Biology International, 2012, 36, 79-86.	1.4	100
6	The development of asthma in children infected with Chlamydia pneumoniae is dependent on the modifying effect of mannose-binding lectin. Journal of Allergy and Clinical Immunology, 2003, 112, 729-734.	1.5	73
7	Meta-analysis of adrenocortical tumour genomics data: novel pathogenic pathways revealed. Oncogene, 2010, 29, 3163-3172.	2.6	66
8	Relationship between the tumor necrosis factor alpha polymorphism and the serum C-reactive protein levels in inflammatory bowel disease. Immunogenetics, 2003, 55, 247-252.	1.2	63
9	Histidine Decarboxylase Expression in Human Melanoma. Journal of Investigative Dermatology, 2000, 115, 345-352.	0.3	61
10	Synergistic interaction of ABCB1 and ABCG2 polymorphisms predicts the prevalence of toxic encephalopathy during anticancer chemotherapy. Pharmacogenomics Journal, 2008, 8, 321-327.	0.9	50
11	Chemokine Receptor CCR2 and CCR5 Polymorphisms in Children with Insulin-Dependent Diabetes Mellitus. Pediatric Research, 1999, 46, 82-84.	1.1	49
12	Evaluation of a Partial Genome Screening of Two Asthma Susceptibility Regions Using Bayesian Network Based Bayesian Multilevel Analysis of Relevance. PLoS ONE, 2012, 7, e33573.	1.1	47
13	Lack of association between atopic eczema/dermatitis syndrome and polymorphisms in the promoter region of RANTES and regulatory region of MCP-1. Allergy: European Journal of Allergy and Clinical Immunology, 2002, 57, 160-163.	2.7	45
14	Association of some rare haplotypes and genotype combinations in the MDR1 gene with childhood acute lymphoblastic leukaemia. Leukemia Research, 2008, 32, 1214-1220.	0.4	45
15	Differences in the genetic background of latent autoimmune diabetes in adults (LADA) and type 1 diabetes mellitus. Immunology Letters, 2002, 84, 109-115.	1.1	44
16	Candidate gene association study in pediatric acute lymphoblastic leukemia evaluated by Bayesian network based Bayesian multilevel analysis of relevance. BMC Medical Genomics, 2012, 5, 42.	0.7	41
17	The P28T Mutation in the GALK1 Gene Accounts for Galactokinase Deficiency in Roma (Gypsy) Patients across Europe. Pediatric Research, 2002, 51, 602-606.	1.1	40
18	Relationship between air pollution, NFE2L2 gene polymorphisms and childhood asthma in a Hungarian population. Journal of Community Genetics, 2012, 3, 25-33.	0.5	40

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19	Implication of BIRC5 in asthma pathogenesis. International Immunology, 2012, 24, 293-301.	1.8	39
20	Histamine and histamine-receptor antagonists modify gene expression and biosynthesis of interferon ÃŽÂ³ in peripheral human blood mononuclear cells and in CD19-depleted cell subsets. Immunology Letters, 1999, 70, 95-99.	1.1	38
21	Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia. Haematologica, 2011, 96, 1049-1054.	1.7	36
22	Gene expression profiling of experimental asthma reveals a possible role of paraoxonase-1 in the disease. International Immunology, 2009, 21, 967-975.	1.8	35
23	Associations of novel genetic variations in the folateâ€related and <scp>ARID</scp>5<scp>B</scp> genes with the pharmacokinetics and toxicity of highâ€dose methotrexate in paediatric acute lymphoblastic leukaemia. British Journal of Haematology, 2014, 166, 410-420.	1.2	34
24	HLA-DRB1*07:01â€“HLA-DQA1*02:01â€“HLA-DQB1*02:02 haplotype is associated with a high risk of asparaginase hypersensitivity in acute lymphoblastic leukemia. Haematologica, 2017, 102, 1578-1586.	1.7	33
25	Pharmacogenetic analysis of high-dose methotrexate treatment in children with osteosarcoma. Oncotarget, 2017, 8, 9388-9398.	0.8	33
26	H1 histamine receptor antagonist inhibits constitutive growth of Jurkat T cells and antigen-specific proliferation of ovalbumin-specific murine T cells. Seminars in Cancer Biology, 2000, 10, 41-45.	4.3	32
27	Roles of Genetic Polymorphisms in the Folate Pathway in Childhood Acute Lymphoblastic Leukemia Evaluated by Bayesian Relevance and Effect Size Analysis. PLoS ONE, 2013, 8, e69843.	1.1	32
28	HEPATIC REGENERATION INDUCES TRANSIENT ACUTE PHASE REACTION: SYSTEMIC ELEVATION OF ACUTE PHASE REACTANTS AND SOLUBLE CYTOKINE RECEPTORS. Cell Biology International, 2001, 25, 585-592.	1.4	30
29	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. Pharmacogenomics, 2017, 18, 931-943.	0.6	30
30	Investigation of the Possible Role of the Hippo/YAP1 Pathway in Asthma and Allergy. Allergy, Asthma and Immunology Research, 2017, 9, 247.	1.1	30
31	Possible roles of genetic variations in chemotherapy related cardiotoxicity in pediatric acute lymphoblastic leukemia and osteosarcoma. BMC Cancer, 2018, 18, 704.	1.1	30
32	Analysis of the genetic variability of the 1st (CCC/ACC, P52T) and the 10th exons (bp 1012-1704) of the TSH receptor gene in Gravesâ€™ disease. International Journal of Immunogenetics, 2000, 27, 17-23.	1.2	29
33	Bone marrowâ€derived mast cell differentiation is strongly reduced in histidine decarboxylase knockout, histamineâ€free mice. International Immunology, 2002, 14, 381-387.	1.8	29
34	Genetic basis of tobacco smoking: strong association of a specific major histocompatibility complex haplotype on chromosome 6 with smoking behavior. International Immunology, 2004, 16, 1507-1514.	1.8	29
35	Angiotensin II type 1 receptor gene polymorphism and mitral valve prolapse syndrome. American Heart Journal, 2000, 139, 101-105.	1.2	28
36	Non-synonymous single nucleotide polymorphisms in genes for immunoregulatory galectins: Association of galectin-8 (F19Y) occurrence with autoimmune diseases in a Caucasian population. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1512-1518.	1.1	28

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37	Histidine decarboxylase deficiency in gene knockout mice elevates male sex steroid production. Journal of Endocrinology, 2002, 175, 193-199.	1.2	27
38	Evolution of the thyrotropin receptor: a G protein coupled receptor with an intrinsic capacity to dimerize. Molecular Genetics and Metabolism, 2003, 78, 275-290.	0.5	27
39	The role of ABC-transporter gene polymorphisms in chemotherapy induced immunosuppression, a retrospective study in childhood acute lymphoblastic leukaemia. Cellular Immunology, 2006, 244, 121-124.	1.4	27
40	The HLA 8.1 ancestral haplotype is strongly linked to the C allele of â^'429T>C promoter polymorphism of receptor of the advanced glycation endproduct (RAGE) gene. Haplotype-independent association of the â^'429C allele with high hemoglobinA1C levels in diabetic patients. Molecular Immunology, 2007, 44, 648-655.	1.0	26
41	INTERLEUKIN-6-INDUCED PRODUCTION OF TYPE II ACUTE PHASE PROTEINS AND EXPRESSION OF junB GENE ARE DOWNREGULATED BY HUMAN RECOMBINANT GROWTH HORMONE IN VITRO. Cell Biology International, 2000, 24, 109-114.	1.4	24
42	Asthma from a pharmacogenomic point of view. British Journal of Pharmacology, 2008, 153, 1602-1614.	2.7	24
43	The association of serum lipoprotein(a) levels, apolipoprotein(a) size and (TTTTA)n polymorphism with coronary heart disease. Clinica Chimica Acta, 2001, 309, 45-51.	0.5	23
44	Asthma Endophenotypes and Polymorphisms in the Histamine Receptor <i>HRH4</i> Gene. International Archives of Allergy and Immunology, 2012, 159, 109-120.	0.9	23
45	Novel genes in Human Asthma Based on a Mouse Model of Allergic Airway Inflammation and Human Investigations. Allergy, Asthma and Immunology Research, 2014, 6, 496.	1.1	22
46	VariantMetaCaller: automated fusion of variant calling pipelines for quantitative, precision-based filtering. BMC Genomics, 2015, 16, 875.	1.2	22
47	Frequency of the R3500Q mutation of the apolipoprotein B-100 gene in a sample screened clinically for familial hypercholesterolemia in Hungary. Atherosclerosis, 2001, 154, 247-251.	0.4	20
48	Soluble interleukin-6 receptor (sIL-6R) makes IL-6R negative T cell line respond to IL-6; it inhibits TNF production. Immunology Letters, 2000, 71, 143-148.	1.1	19
49	Biosynthesis of interleukin-6, an autocrine growth factor for melanoma, is regulated by melanoma-derived histamine. Seminars in Cancer Biology, 2000, 10, 25-28.	4.3	19
50	CCR5Î”32 mutation, Mycoplasma pneumoniae infection, and asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1545-1547.	1.5	19
51	Circulating microRNAs as minimal residual disease biomarkers in childhood acute lymphoblastic leukemia. Journal of Translational Medicine, 2019, 17, 372.	1.8	19
52	MicroRNA-181a as novel liquid biopsy marker of central nervous system involvement in pediatric acute lymphoblastic leukemia. Journal of Translational Medicine, 2020, 18, 250.	1.8	19
53	Plasma neutrophil extracellular trap level is modified by disease severity and inhaled corticosteroids in chronic inflammatory lung diseases. Scientific Reports, 2020, 10, 4320.	1.6	19
54	Investigation of circulating lncRNAs as potential biomarkers in chronic respiratory diseases. Journal of Translational Medicine, 2020, 18, 422.	1.8	18

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55	Keratin 9 Mutations in the Coil 1A Region in Epidermolytic Palmoplantarâ€ƒKeratoderma. Pediatric Dermatology, 1999, 16, 430-435.	0.5	17
56	Association of plasma lipid levels with apolipoprotein E polymorphism in Type 2 diabetes. Diabetes Research and Clinical Practice, 2002, 56, 63-68.	1.1	16
57	Pharmacogenetics of anthracyclines. Pharmacogenomics, 2016, 17, 1075-1087.	0.6	16
58	Relationship between complement components C4A and C4B diversities and two TNFA promoter polymorphisms in two healthy Caucasian populations. Human Immunology, 2003, 64, 543-552.	1.2	15
59	Subgroups of Paediatric Acute Lymphoblastic Leukaemia Might Differ Significantly in Genetic Predisposition to Asparaginase Hypersensitivity. PLoS ONE, 2015, 10, e0140136.	1.1	15
60	Elevated hepatic glucocorticoid receptor expression during liver regeneration in rats. Pathology and Oncology Research, 1999, 5, 107-109.	0.9	13
61	Involvement of TNFÎ± â€“308A Promoter Polymorphism in the Development of Asthma in Children Infected With Chlamydophila pneumoniae. Pediatric Research, 2006, 60, 543-548.	1.1	13
62	Variation in the <scp>TEK</scp> gene is not associated with asthma but with allergic conjunctivitis. International Journal of Immunogenetics, 2018, 45, 102-108.	0.8	13
63	Histamine Genomics In Silico. Molecular Diagnosis and Therapy, 2002, 2, 67-72.	3.3	12
64	From genomes to diaries: a 3-year prospective, real-life study of ragweed-specific sublingual immunotherapy. Immunotherapy, 2017, 9, 1279-1294.	1.0	12
65	Prevalence of CCR5Î”32 in allergic diseases. Lancet, The, 2000, 355, 66.	6.3	10
66	Increased Frequency of the C3*F Allele and the Leiden Mutation of Coagulation FactorÂV in Patients with Severe Coronary Heart Disease Who Survived Myocardial Infarction. Experimental and Clinical Immunogenetics, 2001, 18, 206-212.	1.4	10
67	Frequency of Carriers of 8.1 Ancestral Haplotype and its Fragments in Two Caucasian Populations. Immunological Investigations, 2007, 36, 307-319.	1.0	10
68	In interaction with gender a common CYP3A4 polymorphism may influence the survival rate of chemotherapy for childhood acute lymphoblastic leukemia. Pharmacogenomics Journal, 2015, 15, 241-247.	0.9	10
69	The Histidine Decarboxylase (HDC) Gene of Tetrahymena Pyriformis is Similar to the Mammalian One. A Study of HDC Expression. Bioscience Reports, 1999, 19, 73-79.	1.1	9
70	Influence of apolipoprotein E genotypes on serum lipid parameters in a biracial sample of children. European Journal of Pediatrics, 2000, 159, 257-260.	1.3	9
71	Pediatric Asthmatic Patients Have Low Serum Levels of Monocyte Chemoattractant Protein-1. Journal of Asthma, 2006, 43, 399-404.	0.9	9
72	Elevated Complement Factor H Levels in Asthmatic Sputa. Journal of Clinical Immunology, 2013, 33, 496-505.	2.0	8

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73	Early repositioning through compound set enrichment analysis: a knowledge-recycling strategy. Future Medicinal Chemistry, 2014, 6, 563-575.	1.1	8
74	Prevalence and characterization of severe asthma in Hungary. Scientific Reports, 2020, 10, 9274.	1.6	8
75	Impact of single nucleotide polymorphisms of cytarabine metabolic genes on drug toxicity in childhood acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2015, 62, 622-628.	0.8	7
76	Chlamydophila pneumoniae infection status is dependent on the subtypes of asthma and allergy. Allergy and Asthma Proceedings, 2007, 28, 58-63.	1.0	6
77	Complex analysis of multiple single nucleotide polymorphisms as putative risk factors of tooth agenesis in the Hungarian population. Acta Odontologica Scandinavica, 2014, 72, 216-227.	0.9	5
78	Two tagging singleâ€•nucleotide polymorphisms to capture HLA â€•DRB1*07:01â€“DQA1*02:01â€“DQB1*02:02 haplotype associated with asparaginase hypersensitivity. British Journal of Clinical Pharmacology, 2021, 87, 2542-2548.	1.1	5
79	Exonâ€“intron organization of the human gp130 gene. Gene, 2000, 243, 161-166.	1.0	4
80	GP130-SPECIFIC ANTISENSE OLIGONUCLEOTIDES INHIBIT IL-6 SIGNAL INDUCING JUNB MRNA TRANSCRIPTION IN THE HUMAN HEPATOMA CELL LINE, HEPG2. Cell Biology International, 2001, 25, 835-840.	1.4	4
81	Bayesian, Systems-based, Multilevel Analysis of Associations for Complex Phenotypes: from Interpretation to Decision. , 2014, , 318-360.		4
82	Investigation of the Possible Role of Tie2 Pathway and TEK Gene in Asthma and Allergic Conjunctivitis. Frontiers in Genetics, 2020, 11, 128.	1.1	3
83	Genomic Strategies in Pharmacology of Asthma and Autoimmunity. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2006, 5, 383-399.	1.1	2
84	Co-Detection of VEGF-A and Its Regulator, microRNA-181a, May Indicate Central Nervous System Involvement in Pediatric Leukemia. Pathology and Oncology Research, 2022, 28, 1610096.	0.9	2
85	Frequencies of two common mutations (c.35delG and c.167delT) of the connexin 26 gene in different populations of Hungary. International Journal of Molecular Medicine, 2004, 14, 1105.	1.8	1
86	Severe asthma database in Hungary, initial steps. Clinical and Translational Allergy, 2013, 3, P33.	1.4	1
87	Pharmacogenetics of the Central Nervous Systemâ€”Toxicity and Relapse Affecting the CNS in Pediatric Acute Lymphoblastic Leukemia. Cancers, 2021, 13, 2333.	1.7	1
88	Genomic Investigation of Asthma in Human and Animal Models. , 2006, , 419-441.		0
89	Imbalance of the C4A and C4B genes dosage as a robust risk factor for premature cardiovascular disease morbidity and mortality. Molecular Immunology, 2007, 44, 173.	1.0	0
90	980 Genetic Risk Factors of Neurotoxicity During Chemotherapy. European Journal of Cancer, 2012, 48, S236.	1.3	0

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91	1158 Candidate Gene Association Study in Childhood Acute Lymphoblastic Leukemia. European Journal of Cancer, 2012, 48, S278.	1.3	0
92	Complement Factor H Is Elevated In Sputum And Associated With Disease Severity In Asthma. , 2012, , .		0
93	Pharmacogenetic Study of the Central Nervous System in Pediatric Acute Lymphoblastic Leukemia. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, S189-S190.	0.2	0
94	New Liquid Biopsy Markers for the Detection of Central Nervous System Involvement in Childhood Acute Leukemia. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, S187-S188.	0.2	0
95	Circulating microRNAs as Potential Minimal Residual Disease Biomarkers in Pediatric Acute Lymphoblastic Leukemia. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, S193.	0.2	0
96	Defining uncontrolled childhood asthma in the global PiCA consortium. , 2016, , .		0