

Csaba Szalai

List of Publications by Year in descending order

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96
papers

2,653
citations

172207

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214527

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all docs

100
docs citations

100
times ranked

3898
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-Detection of VEGF-A and Its Regulator, microRNA-181a, May Indicate Central Nervous System Involvement in Pediatric Leukemia. <i>Pathology and Oncology Research</i> , 2022, 28, 1610096.	0.9	2
2	Two tagging single nucleotide polymorphisms to capture HLA DRB1*07:01-DQA1*02:01-DQB1*02:02 haplotype associated with asparaginase hypersensitivity. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2542-2548.	1.1	5
3	Pharmacogenetics of the Central Nervous System Toxicity and Relapse Affecting the CNS in Pediatric Acute Lymphoblastic Leukemia. <i>Cancers</i> , 2021, 13, 2333.	1.7	1
4	Prevalence and characterization of severe asthma in Hungary. <i>Scientific Reports</i> , 2020, 10, 9274.	1.6	8
5	Investigation of circulating lncRNAs as potential biomarkers in chronic respiratory diseases. <i>Journal of Translational Medicine</i> , 2020, 18, 422.	1.8	18
6	MicroRNA-181a as novel liquid biopsy marker of central nervous system involvement in pediatric acute lymphoblastic leukemia. <i>Journal of Translational Medicine</i> , 2020, 18, 250.	1.8	19
7	Investigation of the Possible Role of Tie2 Pathway and TEK Gene in Asthma and Allergic Conjunctivitis. <i>Frontiers in Genetics</i> , 2020, 11, 128.	1.1	3
8	Plasma neutrophil extracellular trap level is modified by disease severity and inhaled corticosteroids in chronic inflammatory lung diseases. <i>Scientific Reports</i> , 2020, 10, 4320.	1.6	19
9	Pharmacogenetic Study of the Central Nervous System in Pediatric Acute Lymphoblastic Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, S189-S190.	0.2	0
10	New Liquid Biopsy Markers for the Detection of Central Nervous System Involvement in Childhood Acute Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, S187-S188.	0.2	0
11	Circulating microRNAs as Potential Minimal Residual Disease Biomarkers in Pediatric Acute Lymphoblastic Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, S193.	0.2	0
12	Circulating microRNAs as minimal residual disease biomarkers in childhood acute lymphoblastic leukemia. <i>Journal of Translational Medicine</i> , 2019, 17, 372.	1.8	19
13	Variation in the <i>TEK</i> gene is not associated with asthma but with allergic conjunctivitis. <i>International Journal of Immunogenetics</i> , 2018, 45, 102-108.	0.8	13
14	Possible roles of genetic variations in chemotherapy related cardiotoxicity in pediatric acute lymphoblastic leukemia and osteosarcoma. <i>BMC Cancer</i> , 2018, 18, 704.	1.1	30
15	HLA-DRB1*07:01-HLA-DQA1*02:01-HLA-DQB1*02:02 haplotype is associated with a high risk of asparaginase hypersensitivity in acute lymphoblastic leukemia. <i>Haematologica</i> , 2017, 102, 1578-1586.	1.7	33
16	From genomes to diaries: a 3-year prospective, real-life study of ragweed-specific sublingual immunotherapy. <i>Immunotherapy</i> , 2017, 9, 1279-1294.	1.0	12
17	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017, 18, 931-943.	0.6	30
18	Investigation of the Possible Role of the Hippo/YAP1 Pathway in Asthma and Allergy. <i>Allergy, Asthma and Immunology Research</i> , 2017, 9, 247.	1.1	30

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19	Pharmacogenetic analysis of high-dose methotrexate treatment in children with osteosarcoma. <i>Oncotarget</i> , 2017, 8, 9388-9398.	0.8	33
20	Pharmacogenetics of anthracyclines. <i>Pharmacogenomics</i> , 2016, 17, 1075-1087.	0.6	16
21	Defining uncontrolled childhood asthma in the global PiCA consortium. , 2016, , .		0
22	VariantMetaCaller: automated fusion of variant calling pipelines for quantitative, precision-based filtering. <i>BMC Genomics</i> , 2015, 16, 875.	1.2	22
23	Subgroups of Paediatric Acute Lymphoblastic Leukaemia Might Differ Significantly in Genetic Predisposition to Asparaginase Hypersensitivity. <i>PLoS ONE</i> , 2015, 10, e0140136.	1.1	15
24	Impact of single nucleotide polymorphisms of cytarabine metabolic genes on drug toxicity in childhood acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2015, 62, 622-628.	0.8	7
25	In interaction with gender a common CYP3A4 polymorphism may influence the survival rate of chemotherapy for childhood acute lymphoblastic leukemia. <i>Pharmacogenomics Journal</i> , 2015, 15, 241-247.	0.9	10
26	Novel genes in Human Asthma Based on a Mouse Model of Allergic Airway Inflammation and Human Investigations. <i>Allergy, Asthma and Immunology Research</i> , 2014, 6, 496.	1.1	22
27	Early repositioning through compound set enrichment analysis: a knowledge-recycling strategy. <i>Future Medicinal Chemistry</i> , 2014, 6, 563-575.	1.1	8
28	Complex analysis of multiple single nucleotide polymorphisms as putative risk factors of tooth agenesis in the Hungarian population. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 216-227.	0.9	5
29	Associations of novel genetic variations in the folate-related and <i>ARID5B</i> genes with the pharmacokinetics and toxicity of high-dose methotrexate in paediatric acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2014, 166, 410-420.	1.2	34
30	Bayesian, Systems-based, Multilevel Analysis of Associations for Complex Phenotypes: from Interpretation to Decision. , 2014, , 318-360.		4
31	Elevated Complement Factor H Levels in Asthmatic Sputa. <i>Journal of Clinical Immunology</i> , 2013, 33, 496-505.	2.0	8
32	Severe asthma database in Hungary, initial steps. <i>Clinical and Translational Allergy</i> , 2013, 3, P33.	1.4	1
33	Roles of Genetic Polymorphisms in the Folate Pathway in Childhood Acute Lymphoblastic Leukemia Evaluated by Bayesian Relevance and Effect Size Analysis. <i>PLoS ONE</i> , 2013, 8, e69843.	1.1	32
34	Implication of BIRC5 in asthma pathogenesis. <i>International Immunology</i> , 2012, 24, 293-301.	1.8	39
35	Asthma Endophenotypes and Polymorphisms in the Histamine Receptor <i>HRH4</i> Gene. <i>International Archives of Allergy and Immunology</i> , 2012, 159, 109-120.	0.9	23
36	980 Genetic Risk Factors of Neurotoxicity During Chemotherapy. <i>European Journal of Cancer</i> , 2012, 48, S236.	1.3	0

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37	1158 Candidate Gene Association Study in Childhood Acute Lymphoblastic Leukemia. <i>European Journal of Cancer</i> , 2012, 48, S278.	1.3	0
38	<i>ABCC1</i> polymorphisms in anthracycline-induced cardiotoxicity in childhood acute lymphoblastic leukaemia. <i>Cell Biology International</i> , 2012, 36, 79-86.	1.4	100
39	Non-synonymous single nucleotide polymorphisms in genes for immunoregulatory galectins: Association of galectin-8 (F19Y) occurrence with autoimmune diseases in a Caucasian population. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1512-1518.	1.1	28
40	Candidate gene association study in pediatric acute lymphoblastic leukemia evaluated by Bayesian network based Bayesian multilevel analysis of relevance. <i>BMC Medical Genomics</i> , 2012, 5, 42.	0.7	41
41	Evaluation of a Partial Genome Screening of Two Asthma Susceptibility Regions Using Bayesian Network Based Bayesian Multilevel Analysis of Relevance. <i>PLoS ONE</i> , 2012, 7, e33573.	1.1	47
42	Complement Factor H Is Elevated In Sputum And Associated With Disease Severity In Asthma. , 2012, , .		0
43	Relationship between air pollution, NFE2L2 gene polymorphisms and childhood asthma in a Hungarian population. <i>Journal of Community Genetics</i> , 2012, 3, 25-33.	0.5	40
44	Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia. <i>Haematologica</i> , 2011, 96, 1049-1054.	1.7	36
45	Meta-analysis of adrenocortical tumour genomics data: novel pathogenic pathways revealed. <i>Oncogene</i> , 2010, 29, 3163-3172.	2.6	66
46	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. <i>Nature Genetics</i> , 2010, 42, 492-494.	9.4	248
47	Gene expression profiling of experimental asthma reveals a possible role of paraoxonase-1 in the disease. <i>International Immunology</i> , 2009, 21, 967-975.	1.8	35
48	Association of some rare haplotypes and genotype combinations in the MDR1 gene with childhood acute lymphoblastic leukaemia. <i>Leukemia Research</i> , 2008, 32, 1214-1220.	0.4	45
49	Asthma from a pharmacogenomic point of view. <i>British Journal of Pharmacology</i> , 2008, 153, 1602-1614.	2.7	24
50	Synergistic interaction of ABCB1 and ABCG2 polymorphisms predicts the prevalence of toxic encephalopathy during anticancer chemotherapy. <i>Pharmacogenomics Journal</i> , 2008, 8, 321-327.	0.9	50
51	<i>Chlamydomonas pneumoniae</i> infection status is dependent on the subtypes of asthma and allergy. <i>Allergy and Asthma Proceedings</i> , 2007, 28, 58-63.	1.0	6
52	The HLA 8.1 ancestral haplotype is strongly linked to the C allele of γ 429T>C promoter polymorphism of receptor of the advanced glycation endproduct (RAGE) gene. Haplotype-independent association of the γ 429C allele with high hemoglobinA1C levels in diabetic patients. <i>Molecular Immunology</i> , 2007, 44, 648-655.	1.0	26
53	Imbalance of the C4A and C4B genes dosage as a robust risk factor for premature cardiovascular disease morbidity and mortality. <i>Molecular Immunology</i> , 2007, 44, 173.	1.0	0
54	Frequency of Carriers of 8.1 Ancestral Haplotype and its Fragments in Two Caucasian Populations. <i>Immunological Investigations</i> , 2007, 36, 307-319.	1.0	10

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55	CCR5 Δ 32 mutation, Mycoplasma pneumoniae infection, and asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1545-1547.	1.5	19
56	Pediatric Asthmatic Patients Have Low Serum Levels of Monocyte Chemoattractant Protein-1. Journal of Asthma, 2006, 43, 399-404.	0.9	9
57	Genomic Investigation of Asthma in Human and Animal Models. , 2006, , 419-441.		0
58	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
59	Involvement of TNF α -308A Promoter Polymorphism in the Development of Asthma in Children Infected With Chlamydia pneumoniae. Pediatric Research, 2006, 60, 543-548.	1.1	13
60	Genomic Strategies in Pharmacology of Asthma and Autoimmunity. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2006, 5, 383-399.	1.1	2
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	Diversity in Intrinsic Strengths of the Human Complement System: Serum C4 Protein Concentrations Correlate with C4 Gene Size and Polygenic Variations, Hemolytic Activities, and Body Mass Index. Journal of Immunology, 2003, 171, 2734-2745.	0.4	108
69	Histidine decarboxylase deficiency in gene knockout mice elevates male sex steroid production. Journal of Endocrinology, 2002, 175, 193-199.	1.2	27
70	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
71	Bone marrow-derived mast cell differentiation is strongly reduced in histidine decarboxylase knockout, histamine-free mice. International Immunology, 2002, 14, 381-387.	1.8	29
72	Histamine Genomics In Silico. Molecular Diagnosis and Therapy, 2002, 2, 67-72.	3.3	12

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73	Association of plasma lipid levels with apolipoprotein E polymorphism in Type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2002, 56, 63-68.	1.1	16
74	Lack of association between atopic eczema/dermatitis syndrome and polymorphisms in the promoter region of RANTES and regulatory region of MCP-1. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 160-163.	2.7	45
75	Differences in the genetic background of latent autoimmune diabetes in adults (LADA) and type 1 diabetes mellitus. <i>Immunology Letters</i> , 2002, 84, 109-115.	1.1	44
76	Polymorphism in the gene regulatory region of MCP-1 is associated with asthma susceptibility and severity. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 375-381.	1.5	156
77	Frequency of the R3500Q mutation of the apolipoprotein B-100 gene in a sample screened clinically for familial hypercholesterolemia in Hungary. <i>Atherosclerosis</i> , 2001, 154, 247-251.	0.4	20
78	The association of serum lipoprotein(a) levels, apolipoprotein(a) size and (TTTTA) _n polymorphism with coronary heart disease. <i>Clinica Chimica Acta</i> , 2001, 309, 45-51.	0.5	23
79	Increased Frequency of the C3*F Allele and the Leiden Mutation of Coagulation Factor V in Patients with Severe Coronary Heart Disease Who Survived Myocardial Infarction. <i>Experimental and Clinical Immunogenetics</i> , 2001, 18, 206-212.	1.4	10
80	HEPATIC REGENERATION INDUCES TRANSIENT ACUTE PHASE REACTION: SYSTEMIC ELEVATION OF ACUTE PHASE REACTANTS AND SOLUBLE CYTOKINE RECEPTORS. <i>Cell Biology International</i> , 2001, 25, 585-592.	1.4	30
81	GP130-SPECIFIC ANTISENSE OLIGONUCLEOTIDES INHIBIT IL-6 SIGNAL INDUCING JUNB MRNA TRANSCRIPTION IN THE HUMAN HEPATOMA CELL LINE, HEPG2. <i>Cell Biology International</i> , 2001, 25, 835-840.	1.4	4
82	INTERLEUKIN-6-INDUCED PRODUCTION OF TYPE II ACUTE PHASE PROTEINS AND EXPRESSION OF junB GENE ARE DOWNREGULATED BY HUMAN RECOMBINANT GROWTH HORMONE IN VITRO. <i>Cell Biology International</i> , 2000, 24, 109-114.	1.4	24
83	Histidine Decarboxylase Expression in Human Melanoma. <i>Journal of Investigative Dermatology</i> , 2000, 115, 345-352.	0.3	61
84	Soluble interleukin-6 receptor (sIL-6R) makes IL-6R negative T cell line respond to IL-6; it inhibits TNF production. <i>Immunology Letters</i> , 2000, 71, 143-148.	1.1	19
85	Analysis of the genetic variability of the 1st (CCC/ACC, P52T) and the 10th exons (bp 1012-1704) of the TSH receptor gene in Graves' disease. <i>International Journal of Immunogenetics</i> , 2000, 27, 17-23.	1.2	29
86	Biosynthesis of interleukin-6, an autocrine growth factor for melanoma, is regulated by melanoma-derived histamine. <i>Seminars in Cancer Biology</i> , 2000, 10, 25-28.	4.3	19
87	H1 histamine receptor antagonist inhibits constitutive growth of Jurkat T cells and antigen-specific proliferation of ovalbumin-specific murine T cells. <i>Seminars in Cancer Biology</i> , 2000, 10, 41-45.	4.3	32
88	Influence of apolipoprotein E genotypes on serum lipid parameters in a biracial sample of children. <i>European Journal of Pediatrics</i> , 2000, 159, 257-260.	1.3	9
89	Angiotensin II type 1 receptor gene polymorphism and mitral valve prolapse syndrome. <i>American Heart Journal</i> , 2000, 139, 101-105.	1.2	28
90	Prevalence of CCR5 ^{Δ32} in allergic diseases. <i>Lancet</i> , The, 2000, 355, 66.	6.3	10

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91	Exonâ€“intron organization of the human gp130 gene. <i>Gene</i> , 2000, 243, 161-166.	1.0	4
92	Histamine and histamine-receptor antagonists modify gene expression and biosynthesis of interferon γ in peripheral human blood mononuclear cells and in CD19-depleted cell subsets. <i>Immunology Letters</i> , 1999, 70, 95-99.	1.1	38
93	Keratin 9 Mutations in the Coil 1A Region in Epidermolytic Palmoplantarâ€“Keratoderma. <i>Pediatric Dermatology</i> , 1999, 16, 430-435.	0.5	17
94	The Histidine Decarboxylase (HDC) Gene of <i>Tetrahymena Pyriformis</i> is Similar to the Mammalian One. A Study of HDC Expression. <i>Bioscience Reports</i> , 1999, 19, 73-79.	1.1	9
95	Elevated hepatic glucocorticoid receptor expression during liver regeneration in rats. <i>Pathology and Oncology Research</i> , 1999, 5, 107-109.	0.9	13
96	Chemokine Receptor CCR2 and CCR5 Polymorphisms in Children with Insulin-Dependent Diabetes Mellitus. <i>Pediatric Research</i> , 1999, 46, 82-84.	1.1	49