

Zsolt Ronai

List of Publications by Year in descending order

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82
papers

2,140
citations

201385

27
h-index

253896

43
g-index

84
all docs

84
docs citations

84
times ranked

2364
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of D4 dopamine receptor gene and serotonin transporter promoter polymorphisms with infants' response to novelty. <i>Molecular Psychiatry</i> , 2003, 8, 90-97.	4.1	109
2	Oxytocin Receptor Gene Polymorphisms Are Associated with Human Directed Social Behavior in Dogs (<i>Canis familiaris</i>). <i>PLoS ONE</i> , 2014, 9, e83993.	1.1	102
3	Infant genotype may moderate sensitivity to maternal affective communications: Attachment disorganization, quality of care, and the DRD4 polymorphism. <i>Social Neuroscience</i> , 2007, 2, 307-319.	0.7	98
4	Genetic and environmental influence on attachment disorganization. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 952-961.	3.1	98
5	Association of polymorphisms in the <i>dopamine D4 receptor</i> gene and the activity-impulsivity endophenotype in dogs. <i>Animal Genetics</i> , 2007, 38, 629-633.	0.6	97
6	Association between Novelty Seeking and the \sim 521 C/T polymorphism in the promoter region of the DRD4 gene. <i>Molecular Psychiatry</i> , 2001, 6, 35-38.	4.1	90
7	Real-time PCR quantification of human complement C4A and C4B genes. <i>BMC Genetics</i> , 2006, 7, 1.	2.7	83
8	Transmission disequilibrium tests confirm the link between DRD4 gene polymorphism and infant attachment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 132B, 126-130.	1.1	64
9	Polymorphism in the Tyrosine Hydroxylase (TH) Gene Is Associated with Activity-Impulsivity in German Shepherd Dogs. <i>PLoS ONE</i> , 2012, 7, e30271.	1.1	63
10	Dopaminergic candidate genes in Tourette syndrome: Association between tic severity and 3' UTR polymorphism of the dopamine transporter gene. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 900-905.	1.1	56
11	<i>DRD4</i> and <i>TH</i> gene polymorphisms are associated with activity, impulsivity and inattention in Siberian Husky dogs. <i>Animal Genetics</i> , 2013, 44, 717-727.	0.6	54
12	Serotonin transporter polymorphism and borderline or antisocial traits among low-income young adults. <i>Psychiatric Genetics</i> , 2007, 17, 339-343.	0.6	53
13	Molecular and behavioral analysis of the intron 2 repeat polymorphism in the canine dopamine D4 receptor gene. <i>Genes, Brain and Behavior</i> , 2009, 8, 330-336.	1.1	51
14	P2RX7 Gln460Arg polymorphism is associated with depression among diabetic patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1884-1888.	2.5	46
15	Association Between Hypnotizability and the Catechol-O-Methyltransferase (COMT) Polymorphism. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2010, 58, 301-315.	1.1	46
16	DNA analysis on electrophoretic microchips: Effect of operational variables. <i>Electrophoresis</i> , 2001, 22, 294-299.	1.3	45
17	Association of Impulsivity and Polymorphic MicroRNA-641 Target Sites in the SNAP-25 Gene. <i>PLoS ONE</i> , 2013, 8, e84207.	1.1	41
18	Noninvasive Genotyping of Dopamine Receptor D4 (DRD4) Using Nanograms of DNA From Substance-Dependent Patients. <i>Current Medicinal Chemistry</i> , 2002, 9, 793-797.	1.2	40

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19	Association of hypoxia inducible factor-1 alpha gene polymorphism with both type 1 and type 2 diabetes in a Caucasian (Hungarian) sample. <i>BMC Medical Genetics</i> , 2009, 10, 79.	2.1	40
20	Polymorphism in the Serotonin Receptor 2a (HTR2A) Gene as Possible Predisposal Factor for Aggressive Traits. <i>PLoS ONE</i> , 2015, 10, e0117792.	1.1	38
21	Association of extracellular superoxide dismutase (SOD3) Ala40Thr gene polymorphism with pre-eclampsia complicated by severe fetal growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2009, 142, 134-138.	0.5	36
22	Novel repeat polymorphisms of the dopaminergic neurotransmitter genes among dogs and wolves. <i>Mammalian Genome</i> , 2007, 18, 871-879.	1.0	35
23	Ultrathin-layer gel electrophoresis of biopolymers. <i>Electrophoresis</i> , 2000, 21, 3952-3964.	1.3	32
24	Rapid and sensitive genotyping of dopamine D4 receptor tandem repeats by automated ultrathin-layer gel electrophoresis. <i>Electrophoresis</i> , 2000, 21, 2058-2061.	1.3	31
25	Genotyping the -521C/T functional polymorphism in the promoter region of dopamine D4 receptor (DRD4) gene. <i>Electrophoresis</i> , 2001, 22, 1102-1105.	1.3	30
26	Rapid single nucleotide polymorphism analysis by primer extension and capillary electrophoresis using polyvinyl pyrrolidone matrix. <i>Electrophoresis</i> , 2001, 22, 779-782.	1.3	30
27	Social Behavior of Pet Dogs Is Associated with Peripheral OXTR Methylation. <i>Frontiers in Psychology</i> , 2017, 8, 549.	1.1	30
28	Micro-RNA Binding Site Polymorphisms in the WFS1 Gene Are Risk Factors of Diabetes Mellitus. <i>PLoS ONE</i> , 2015, 10, e0139519.	1.1	29
29	Genotyping and haplotyping of the dopamine D4 receptor gene by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1053, 241-245.	1.8	26
30	Glial Cell Line-Derived Neurotrophic Factor (GDNF) as a Novel Candidate Gene of Anxiety. <i>PLoS ONE</i> , 2013, 8, e80613.	1.1	26
31	Capillary Electrophoresis Study on DNA-Protein Complex Formation in the Polymorphic 5 Upstream Region of the Dopamine D4 Receptor (DRD4) Gene. <i>Current Medicinal Chemistry</i> , 2004, 11, 1023-1029.	1.2	25
32	Leptin receptor gene polymorphisms in severely pre-eclamptic women. <i>Gynecological Endocrinology</i> , 2006, 22, 521-525.	0.7	25
33	Glycogen synthase kinase 3 beta gene structural variants as possible risk factors of bipolar depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 217-222.	1.1	25
34	Rapid genotyping of factor V Leiden mutation using single-tube bidirectional allele-specific amplification and automated ultrathin-layer agarose gel electrophoresis. <i>Electrophoresis</i> , 2000, 21, 816-821.	1.3	24
35	Analysis of dopamine D4 receptor gene polymorphism using microchip electrophoresis. <i>Journal of Chromatography A</i> , 2001, 924, 285-290.	1.8	23
36	Dog-Owner Attachment Is Associated With Oxytocin Receptor Gene Polymorphisms in Both Parties. A Comparative Study on Austrian and Hungarian Border Collies. <i>Frontiers in Psychology</i> , 2018, 9, 435.	1.1	23

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37	Combinatorial chemistry. Facing the challenge of chemical genomics. <i>Pure and Applied Chemistry</i> , 2001, 73, 1487-1498.	0.9	20
38	Low complement C4B gene copy number predicts short-term mortality after acute myocardial infarction. <i>International Immunology</i> , 2008, 20, 31-37.	1.8	20
39	Association of aggression with a novel microRNA binding site polymorphism in the wolframin gene. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 404-412.	1.1	20
40	Transcription factor binding study by capillary zone electrophoretic mobility shift assay. <i>Electrophoresis</i> , 2003, 24, 96-100.	1.3	19
41	Smoking and a complement gene polymorphism interact in promoting cardiovascular disease morbidity and mortality. <i>Clinical and Experimental Immunology</i> , 2007, 149, 132-138.	1.1	18
42	A Common Polymorphism of the Human Cardiac Sodium Channel Alpha Subunit (SCN5A) Gene Is Associated with Sudden Cardiac Death in Chronic Ischemic Heart Disease. <i>PLoS ONE</i> , 2015, 10, e0132137.	1.1	18
43	DNA methylation patterns of behavior-related gene promoter regions dissect the gray wolf from domestic dog breeds. <i>Molecular Genetics and Genomics</i> , 2017, 292, 685-697.	1.0	18
44	Haplotyping of putative microRNA binding sites in the SNAP25 gene. <i>Electrophoresis</i> , 2011, 32, 2013-2020.	1.3	17
45	Oxytocin and Opioid Receptor Gene Polymorphisms Associated with Greeting Behavior in Dogs. <i>Frontiers in Psychology</i> , 2017, 8, 1520.	1.1	16
46	Membrane-mediated ultrafast restriction digestion and subsequent rapid gel microchip electrophoresis of DNA. <i>Electrophoresis</i> , 2002, 23, 1524.	1.3	15
47	High-throughput genotyping of repeat polymorphism in the regulatory region of serotonin transporter gene by gel microchip electrophoresis. <i>Electrophoresis</i> , 2001, 22, 4008-4011.	1.3	14
48	Haplotyping by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2005, 1079, 41-49.	1.8	14
49	Linkage analysis and molecular haplotyping of the dopamine D4 receptor gene promoter region. <i>Psychiatric Genetics</i> , 2005, 15, 259-270.	0.6	12
50	Context and Individual Characteristics Modulate the Association between Oxytocin Receptor Gene Polymorphism and Social Behavior in Border Collies. <i>Frontiers in Psychology</i> , 2017, 8, 2232.	1.1	12
51	A common African polymorphism abolishes tyrosine sulfation of human anionic trypsinogen (PRSS2). <i>Biochemical Journal</i> , 2009, 418, 155-161.	1.7	11
52	Rapid microwell polymerase chain reaction with subsequent ultrathin-layer gel electrophoresis of DNA. <i>Electrophoresis</i> , 2002, 23, 591-595.	1.3	10
53	Micropreparative capillary gel electrophoresis of DNA: Rapid expressed sequence tag library construction. <i>Electrophoresis</i> , 2003, 24, 86-92.	1.3	10
54	Relationship between copy number of genes (C4A, C4B) encoding the fourth component of complement and the clinical course of hereditary angioedema (HAE). <i>Molecular Immunology</i> , 2007, 44, 2667-2674.	1.0	10

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55	Ultrafast haplotyping of putative microRNA-binding sites in the WFS1 gene by multiplex polymerase chain reaction and capillary gel electrophoresis. <i>Journal of Chromatography A</i> , 2013, 1286, 229-234.	1.8	10
56	Rapid analysis of covalently and non-covalently fluorophore-labeled proteins using ultra-thin-layer sodium dodecylsulfate gel electrophoresis. <i>Journal of Chromatography A</i> , 2000, 894, 329-335.	1.8	9
57	The polymorphic nature of the human dopamine D4 receptor gene: a comparative analysis of known variants and a novel 27 bp deletion in the promoter region. <i>BMC Genetics</i> , 2005, 6, 39.	2.7	9
58	Multicapillary Electrophoresis Analysis of Single-Nucleotide Sequence Variations in the Deoxycytidine Kinase Gene. <i>Clinical Chemistry</i> , 2006, 52, 1756-1762.	1.5	9
59	Association between smoking behaviour and genetic variants of glial cell line-derived neurotrophic factor. <i>Journal of Genetics</i> , 2016, 95, 811-818.	0.4	8
60	Molecular Mechanisms Underlying the Elevated Expression of a Potentially Type 2 Diabetes Mellitus Associated SCD1 Variant. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6221.	1.8	8
61	Direct haplotype detection of adjacent polymorphic sites in the regulatory region of the dopamine D4 receptor (DRD4) gene. <i>Electrophoresis</i> , 2002, 23, 1512.	1.3	7
62	High Throughput Multiplex SNP-analysis in Chronic Obstructive Pulmonary Disease and Lung Cancer. <i>Current Molecular Medicine</i> , 2020, 20, 185-193.	0.6	7
63	Association between Age and the 7 Repeat Allele of the Dopamine D4 Receptor Gene. <i>PLoS ONE</i> , 2016, 11, e0167753.	1.1	6
64	Rapid quantification of human complement component C4A and C4B genes by capillary gel electrophoresis. <i>Electrophoresis</i> , 2006, 27, 1437-1443.	1.3	5
65	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. <i>PLoS ONE</i> , 2019, 14, e0226228.	1.1	5
66	Multicapillary gel electrophoresis based analysis of genetic variants in the WFS1 gene. <i>Electrophoresis</i> , 2016, 37, 2313-2321.	1.3	4
67	Diabetes-specific Modulation of Peripheral Blood Gene Expression Signatures in Colorectal Cancer. <i>Current Molecular Medicine</i> , 2021, 20, 773-780.	0.6	3
68	Sequence Analysis of the Human Tyrosylprotein Sulfotransferase-2 Gene in Subjects with Chronic Pancreatitis. <i>Pancreatology</i> , 2010, 10, 165-172.	0.5	2
69	Rapid identification of human <sc>SNAP</sc>â€25 transcript variants by a miniaturized capillary electrophoresis system. <i>Electrophoresis</i> , 2014, 35, 379-384.	1.3	2
70	Haplotyping of the deoxycytidine kinase gene by multicapillary electrophoresis. <i>Analytical Biochemistry</i> , 2006, 352, 148-150.	1.1	1
71	Validation of a tentative microsatellite marker for the dopamine D4 receptor gene by capillary gel electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1130, 201-205.	1.8	1
72	Rapid analysis of colipase gene variants by multicapillary electrophoresis. <i>Electrophoresis</i> , 2015, 36, 1237-1243.	1.3	1

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73	Correlation between Expression Profiles of Key Signaling Genes in Colorectal Cancer Samples from Type 2 Diabetic and Non-Diabetic Patients. <i>Life</i> , 2020, 10, 216.	1.1	1
74	Restrained expression of canine glucocorticoid receptor splice variants $\hat{\pm}$ and P prognosticates fatal disease outcome in SIRS. <i>Scientific Reports</i> , 2021, 11, 24505.	1.6	1
75	The molecular effect of a polymorphic microRNA binding site of Wolfram syndrome 1 gene in dogs. <i>BMC Genetics</i> , 2020, 21, 82.	2.7	0
76	The use of planar electrophoresis for detection of single-nucleotide polymorphism. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 101-106.	0.6	0
77	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0
78	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0
79	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0
80	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0
81	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0
82	Association between anxiety and non-coding genetic variants of the galanin neuropeptide. , 2019, 14, e0226228.		0