Sulev KÃµks

List of Publications by Year
in descending order

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255 papers	10,084 citations	61984 43 h-index	53230 85 g-index
268 all docs	268 docs citations	268 times ranked	15870 citing authors

#	Article	IF	Citations
1	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2019, 18, 1091-1102.	10.2	1,414
2	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. Nature Genetics, 2012, 44, 1341-1348.	21.4	848
3	Strain and gender differences in the behavior of mouse lines commonly used in transgenic studies. Physiology and Behavior, 2001, 72, 271-281.	2.1	380
4	Combined Analysis of Genome-wide Association Studies for Crohn Disease and Psoriasis Identifies Seven Shared Susceptibility Loci. American Journal of Human Genetics, 2012, 90, 636-647.	6.2	290
5	Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. Nature Communications, 2017, 8, 15382.	12.8	251
6	Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. American Journal of Human Genetics, 2015, 97, 816-836.	6.2	245
7	Cardiometabolic risk loci share downstream cis- and trans-gene regulation across tissues and diseases. Science, 2016, 353, 827-830.	12.6	241
8	Genome-wide association studies of autoimmune vitiligo identify 23 new risk loci and highlight key pathways and regulatory variants. Nature Genetics, 2016, 48, 1418-1424.	21.4	225
9	Parkinsonâ€™s disease in GTP cyclohydrolase 1 mutation carriers. Brain, 2014, 137, 2480-2492.	7.6	169
10	Clinical and genetic differences between pustular psoriasis subtypes. Journal of Allergy and Clinical Immunology, 2019, 143, 1021-1026.	2.9	165
11	Recent Insights into the Role of Unfolded Protein Response in ER Stress in Health and Disease. Frontiers in Cell and Developmental Biology, 2017, 5, 48.	3.7	160
12	Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. Nature Communications, 2015, 6, 7001.	12.8	156
13	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. Clinical Cancer Research, 2017, 23, 3721-3733.	7.0	150
14	Genome-Wide Meta-Analysis of Psoriatic Arthritis Identifies Susceptibility Locus at REL. Journal of Investigative Dermatology, 2012, 132, 1133-1140.	0.7	99
15	Mitochondria function associated genes contribute to Parkinsonâ€™s Disease risk and later age at onset. Npj Parkinson's Disease, 2019, 5, 8.	5.3	95
16	Identification of Candidate Parkinson Disease Genes by Integrating Genome-Wide Association Study, Expression, and Epigenetic Data Sets. JAMA Neurology, 2021, 78, 464.	9.0	95
17	Association study of 90 candidate gene polymorphisms in panic disorder. Psychiatric Genetics, 2005, 15, 17-24.	1.1	83
18	Candidate genes in panic disorder: meta-analyses of 23 common variants in major anxiogenic pathways. Molecular Psychiatry, 2016, 21, 665-679.	7.9	83

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19	Distribution of Wfs1 protein in the central nervous system of the mouse and its relation to clinical symptoms of the Wolfram syndrome. Journal of Comparative Neurology, 2008, 509, 642-660.	1.6	82
20	Mouse models of ageing and their relevance to disease. Mechanisms of Ageing and Development, 2016, 160, 41-53.	4.6	82
21	Genome-wide survival study identifies a novel synaptic locus and polygenic score for cognitive progression in Parkinsonâ€™s disease. Nature Genetics, 2021, 53, 787-793.	21.4	82
22	Palmoplantar Pustular Psoriasis Is Associated with Missense Variants in CARD14 , but Not with Loss-of-Function Mutations in IL36RN in European Patients. Journal of Investigative Dermatology, 2015, 135, 2538-2541.	0.7	78
23	Inhibition of nitric oxide synthase causes anxiolytic-like behaviour in an elevated plus-maze. NeuroReport, 1995, 6, 1413-1416.	1.2	77
24	Using RNA sequencing for identifying gene imprinting and random monoallelic expression in human placenta. Epigenetics, 2014, 9, 1397-1409.	2.7	74
25	Transcriptional landscape of psoriasis identifies the involvement of IL36 and IL36RN. BMC Genomics, 2015, 16, 322.	2.8	69
26	Mid-Gestational Gene Expression Profile in Placenta and Link to Pregnancy Complications. PLoS ONE, 2012, 7, e49248.	2.5	69
27	Whole transcriptome analysis identifies differentially regulated networks between osteosarcoma and normal bone samples. Experimental Biology and Medicine, 2017, 242, 1802-1811.	2.4	68
28	The endocytic membrane trafficking pathway plays a major role in the risk of Parkinson's disease. Movement Disorders, 2019, 34, 460-468.	3.9	66
29	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. Nature Biotechnology, 2021, 39, 1141-1150.	17.5	66
30	Possible relations between the polymorphisms of the cytokines IL-19, IL-20 and IL-24 and plaque-type psoriasis. Genes and Immunity, 2005, 6, 407-415.	4.1	65
31	Wfs1-deficient mice display impaired behavioural adaptation in stressful environment. Behavioural Brain Research, 2009, 198, 334-345.	2.2	65
32	The differential transcriptome and ontology profiles of floating and cumulus granulosa cells in stimulated human antral follicles. Molecular Human Reproduction, 2010, 16, 229-240.	2.8	61
33	Combined haplotype analysis of the interleukin-19 and -20 genes: relationship to plaque-type psoriasis. Genes and Immunity, 2004, 5, 662-667.	4.1	57
34	Penetrance of Parkinson's Disease in LRRK2 p.G2019S Carriers Is Modified by a Polygenic Risk Score. Movement Disorders, 2020, 35, 774-780.	3.9	57
35	Targeted mutation of CCK2 receptor gene antagonises behavioural changes induced by social isolation in female, but not in male mice. Behavioural Brain Research, 2004, 155, 1-11.	2.2	55
36	Expression of IL-36 family cytokines and IL-37 but not IL-38 is altered in psoriatic skin. Journal of Dermatological Science, 2015, 80, 150-152.	1.9	55

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37	BOC-CCK-4, CCKBreceptor agonist, antagonizes anxiolytic-like action of morphine in elevated plus-maze. Neuropeptides, 1999, 33, 63-69.	2.2	50
38	Gene expression analysis of melanocortin system in vitiligo. Journal of Dermatological Science, 2007, 48, 113-122.	1.9	50
39	Wfs1 gene deletion causes growth retardation in mice and interferes with the growth hormone pathway. Physiological Genomics, 2009, 37, 249-259.	2.3	49
40	A screen for genes induced in the amygdaloid area during cat odor exposure. Genes, Brain and Behavior, 2004, 3, 80-89.	2.2	48
41	Association analysis of IL19, IL20 and IL24 genes in palmoplantar pustulosis. British Journal of Dermatology, 2007, 156, 646-652.	1.5	48
42	Rare Loss-of-Function Mutation in SERPINA3 in Generalized Pustular Psoriasis. Journal of Investigative Dermatology, 2020, 140, 1451-1455.e13.	0.7	48
43	Smoking-Induced Expression of the GPR15 Gene Indicates Its Potential Role in Chronic Inflammatory Pathologies. American Journal of Pathology, 2015, 185, 2898-2906.	3.8	47
44	The Genetic Architecture of Parkinson Disease in Spain: Characterizing Populationâ€Specific Risk, Differential Haplotype Structures, and Providing Etiologic Insight. Movement Disorders, 2019, 34, 1851-1863.	3.9	47
45	IL-10 promoter polymorphisms influence disease severity and course in psoriasis. Genes and Immunity, 2003, 4, 455-457.	4.1	46
46	Polymorphisms in the ATG16L1 Gene are Associated with Psoriasis Vulgaris. Acta Dermato-Venereologica, 2012, 92, 85-87.	1.3	46
47	Interpretation of knockout experiments: the congenic footprint. Genes, Brain and Behavior, 2007, 6, 299-303.	2.2	45
48	Melanocytes in the Skin â€“ Comparative Whole Transcriptome Analysis of Main Skin Cell Types. PLoS ONE, 2014, 9, e115717.	2.5	44
49	In vitro fertilization does not increase the incidence of de novo copy number alterations in fetal and placental lineages. Nature Medicine, 2019, 25, 1699-1705.	30.7	43
50	Influence of genetic polymorphisms on interleukin-10 mRNA expression and psoriasis susceptibility. Journal of Dermatological Science, 2005, 37, 111-113.	1.9	42
51	Polymorphisms in the interleukin-20 gene: relationships to plaque-type psoriasis. Genes and Immunity, 2004, 5, 117-121.	4.1	41
52	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. Nature Biotechnology, 2021, 39, 1151-1160.	17.5	39
53	Polymorphisms in wolframin (WFS1) gene are possibly related to increased risk for mood disorders. International Journal of Neuropsychopharmacology, 2005, 8, 235-244.	2.1	38
54	Associations between LSAMP gene polymorphisms and major depressive disorder and panic disorder. Translational Psychiatry, 2012, 2, e152-e152.	4.8	38

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55	Increased placental expression and maternal serum levels of apoptosis-inducing TRAIL in recurrent miscarriage. Placenta, 2013, 34, 141-148.	1.5	38
56	Peripheral blood RNA gene expression profiling in patients with bacterial meningitis. Frontiers in Neuroscience, 2013, 7, 33.	2.8	38
57	l-Arginine abolishes the anxiolytic-like effect of diazepam in the elevated plus-maze test in rats. European Journal of Pharmacology, 1998, 351, 287-290.	3.5	37
58	Relation between increased anxiety and reduced expression of alpha1 and alpha2 subunits of GABAA receptors in Wfs1-deficient mice. Neuroscience Letters, 2009, 460, 138-142.	2.1	37
59	Analysis of SNP profiles in patients with major depressive disorder. International Journal of Neuropsychopharmacology, 2006, 9, 167.	2.1	34
60	Gene expression study ofIL10family genes in vitiligo skin biopsies, peripheral blood mononuclear cells and sera. British Journal of Dermatology, 2008, 159, 1275-1281.	1.5	34
61	Expressional changes in the intracellular melanogenesis pathways and their possible role the pathogenesis of vitiligo. Journal of Dermatological Science, 2008, 52, 39-46.	1.9	34
62	Lower anxiety and a decrease in agonistic behaviour in Lsamp-deficient mice. Behavioural Brain Research, 2011, 217, 21-31.	2.2	34
63	Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment. Proteomics, 2015, 15, 1906-1920.	2.2	33
64	Analysis of the Expression of Repetitive DNA Elements in Osteosarcoma. Frontiers in Genetics, 2017, 8, 193.	2.3	33
65	MYG1, novel melanocyte related gene, has elevated expression in vitiligo. Journal of Dermatological Science, 2006, 44, 119-122.	1.9	32
66	Mutation analysis of the COL1A1 and COL1A2 genes in Vietnamese patients with osteogenesis imperfecta. Human Genomics, 2016, 10, 27.	2.9	32
67	Mutational analysis of COL1A1 and COL1A2 genes among Estonian osteogenesis imperfecta patients. Human Genomics, 2017, 11, 19.	2.9	32
68	Rats displaying distinct exploratory activity also have different expression patterns of Î³-aminobutyric acid- and cholecystokinin-related genes in brain regions. Brain Research, 2006, 1100, 21-31.	2.2	31
69	Looking beyond the brain to improve the pathogenic understanding of Parkinsonâ€™s disease: implications of whole transcriptome profiling of Patientsâ€™ skin. BMC Neurology, 2017, 17, 6.	1.8	31
70	Role of N-methyl-d-aspartic acid and cholecystokinin receptors in apomorphine-induced aggressive behaviour in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 351, 363-70.	3.0	30
71	Cholecystokinin 2 receptor-deficient mice display altered function of brain dopaminergic system. Psychopharmacology, 2001, 158, 198-204.	3.1	30
72	Targeted invalidation of CCK2 receptor gene induces anxiolytic-like action in lightâ€“dark exploration, but not in fear conditioning test. Psychopharmacology, 2005, 181, 347-357.	3.1	30

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73	Gene expression profiling reveals upregulation of Tlr4 receptors in Cckb receptor deficient mice. Behavioural Brain Research, 2008, 188, 62-70.	2.2	29
74	Controlling complexity: the clinical relevance of mouse complex genetics. European Journal of Human Genetics, 2013, 21, 1191-1196.	2.8	29
75	COL1A1/2 Pathogenic Variants and Phenotype Characteristics in Ukrainian Osteogenesis Imperfecta Patients. Frontiers in Genetics, 2019, 10, 722.	2.3	29
76	Investigation of Autosomal Genetic Sex Differences in Parkinson's Disease. Annals of Neurology, 2021, 90, 35-42.	5.3	29
77	Rats with low exploratory activity in the elevated plus-maze have the increased expression of limbic system-associated membrane protein gene in the periaqueductal grey. Neuroscience Letters, 2003, 352, 179-182.	2.1	28
78	Deletion of the CCK2 receptor gene reduces mechanical sensitivity and abolishes the development of hyperalgesia in mononeuropathic mice. European Journal of Neuroscience, 2004, 20, 1577-1586.	2.6	28
79	Wfs1 mutation makes mice sensitive to insulin-like effect of acute valproic acid and resistant to streptozocin. Journal of Physiology and Biochemistry, 2011, 67, 381-390.	3.0	28
80	Sex Differences in the Development of Diabetes in Mice with Deleted Wolframin (Wfs1) Gene. Experimental and Clinical Endocrinology and Diabetes, 2011, 119, 271-275.	1.2	28
81	Enhanced Expression of Genes Related to Xenobiotic Metabolism in the Skin of Patients with Atopic Dermatitis but Not with Ichthyosis Vulgaris. Journal of Investigative Dermatology, 2018, 138, 98-108.	0.7	28
82	The mRNA expression profile of cytokines connected to the regulation of melanocyte functioning in vitiligo skin biopsy samples and peripheral blood mononuclear cells. Human Immunology, 2012, 73, 393-398.	2.4	27
83	Whole exome sequencing of a single osteosarcoma caseâ€"integrative analysis with whole transcriptome RNA-seq data. Human Genomics, 2014, 8, 20.	2.9	27
84	rs10732516 polymorphism at the IGF2/H19 locus associates with genotype-specific effects on placental DNA methylation and birth weight of newborns conceived by assisted reproductive technology. Clinical Epigenetics, 2018, 10, 80.	4.1	27
85	8-OH-DPAT, but not deramciclane, antagonizes the anxiogenic-like action of paroxetine in an elevated plus-maze. Psychopharmacology, 2001, 153, 365-372.	3.1	26
86	Targeted mutation of CCK2 receptor gene modifies the behavioural effects of diazepam in female mice. Psychopharmacology, 2003, 168, 417-425.	3.1	26
87	Male mice with deleted Wolframin (Wfs1) gene have reduced fertility. Reproductive Biology and Endocrinology, 2009, 7, 82.	3.3	26
88	Using global team science to identify genetic parkinson's disease worldwide. Annals of Neurology, 2019, 86, 153-157.	5.3	26
89	Upregulation of 15 Antisense Long Non-Coding RNAs in Osteosarcoma. Genes, 2021, 12, 1132.	2.4	26
90	Association of limbic system-associated membrane protein (LSAMP) to male completed suicide. BMC Medical Genetics, 2008, 9, 34.	2.1	25

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91	Association analysis of IL20RA and IL20RB genes in psoriasis. Genes and Immunity, 2008, 9, 445-451.	4.1	25
92	Cellular Stress and p53-Associated Apoptosis by Juniperus communis L. Berry Extract Treatment in the Human SH-SY5Y Neuroblastoma Cells. International Journal of Molecular Sciences, 2016, 17, 1113.	4.1	25
93	Genome-wide Association and Meta-analysis of Age at Onset in Parkinson Disease. Neurology, 2022, 99, .	1.1	25
94	Heterozygous mice with Ric-8 mutation exhibit impaired spatial memory and decreased anxiety. Behavioural Brain Research, 2006, 167, 42-48.	2.2	24
95	Polymorphisms in the interleukin-10 gene cluster are possibly involved in the increased risk for major depressive disorder. BMC Medical Genetics, 2008, 9, 111.	2.1	24
96	Valproate modulates glucose metabolism in patients with epilepsy after first exposure. Epilepsia, 2015, 56, e172-5.	5.1	24
97	Activation of GPR15 and its involvement in the biological effects of smoking. Experimental Biology and Medicine, 2017, 242, 1207-1212.	2.4	24
98	Deletion of the Lsamp gene lowers sensitivity to stressful environmental manipulations in mice. Behavioural Brain Research, 2012, 228, 74-81.	2.2	23
99	Copy number variations in IL22 gene are associated with Psoriasis vulgaris. Human Immunology, 2013, 74, 792-795.	2.4	22
100	Clinically meaningful parameters of progression and long-term outcome of Parkinson disease: An international consensus statement. Parkinsonism and Related Disorders, 2015, 21, 675-682.	2.2	22
101	Reference SVA insertion polymorphisms are associated with Parkinsonâ€™s Disease progression and differential gene expression. Npj Parkinson's Disease, 2021, 7, 44.	5.3	22
102	Wolframin is a novel regulator of tau pathology and neurodegeneration. Acta Neuropathologica, 2022, 143, 547-569.	7.7	22
103	Lsampâ€“/â€“ mice display lower sensitivity to amphetamine and have elevated 5-HT turnover. Biochemical and Biophysical Research Communications, 2013, 430, 413-418.	2.1	21
104	Silencing of the WFS1 gene in HEK cells induces pathways related to neurodegeneration and mitochondrial damage. Physiological Genomics, 2013, 45, 182-190.	2.3	21
105	Transcriptomic profiles in Parkinsonâ€™s disease. Experimental Biology and Medicine, 2021, 246, 584-595.	2.4	21
106	Synovium-Synovial Fluid Axis in Osteoarthritis Pathology: A Key Regulator of the Cartilage Degradation Process. Genes, 2021, 12, 989.	2.4	21
107	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, 267-282.	2.8	21
108	ATG16L1 gene polymorphisms are associated with palmoplantar pustulosis. Human Immunology, 2011, 72, 613-615.	2.4	20

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109	Psoriasis-Specific RNA Isoforms Identified by RNA-Seq Analysis of 173,446 Transcripts. Frontiers in Medicine, 2016, 3, 46.	2.6	20
110	Polymorphisms in IL36G gene are associated with plaque psoriasis. BMC Medical Genetics, 2019, 20, 10.	2.1	20
111	Apomorphine-induced behavioural sensitization in rats: individual differences, role of dopamine and NMDA receptors. European Neuropsychopharmacology, 1999, 9, 507-514.	0.7	19
112	Altered pain sensitivity and morphine-induced anti-nociception in mice lacking CCK2 receptors. Psychopharmacology, 2003, 166, 168-175.	3.1	19
113	Evidence for impaired function of dopaminergic system in Wfs1-deficient mice. Behavioural Brain Research, 2013, 244, 90-99.	2.2	19
114	Serum Amyloid Alpha Is Downregulated in Peripheral Tissues of Parkinsonâ€™s Disease Patients. Frontiers in Neuroscience, 2019, 13, 13.	2.8	19
115	COVID-19: Time for precision epidemiology. Experimental Biology and Medicine, 2020, 245, 677-679.	2.4	19
116	12 Survival-related differentially expressed genes based on the TARGET-osteosarcoma database. Experimental Biology and Medicine, 2021, 246, 2072-2081.	2.4	19
117	Relation of exploratory behavior of rats in elevated plus-maze to brain receptor binding properties and serum growth hormone levels. European Neuropsychopharmacology, 1997, 7, 289-294.	0.7	18
118	Role of CCK in anti-exploratory action of paroxetine, 5-HT reuptake inhibitor. International Journal of Neuropsychopharmacology, 1999, 2, 9-16.	2.1	18
119	Cat odour exposure increases the expression of wolframin gene in the amygdaloid area of rat. Neuroscience Letters, 2002, 322, 116-120.	2.1	18
120	Cat odour-induced anxietyâ€”a study of the involvement of the endocannabinoid system. Psychopharmacology, 2008, 198, 509-520.	3.1	18
121	Expression Profile of Genes Associated with the Dopamine Pathway in Vitiligo Skin Biopsies and Blood Sera. Dermatology, 2012, 224, 168-176.	2.1	18
122	Metabolic syndrome and anticonvulsants: A comparative study of valproic acid and carbamazepine. Seizure: the Journal of the British Epilepsy Association, 2016, 38, 11-16.	2.0	18
123	RNA-sequencing of WFS1-deficient pancreatic islets. Physiological Reports, 2016, 4, e12750.	1.7	18
124	The clinical features of osteogenesis imperfecta in Vietnam. International Orthopaedics, 2017, 41, 21-29.	1.9	18
125	Smoking-related general and cause-specific mortality in Estonia. BMC Public Health, 2018, 18, 34.	2.9	18
126	An Increased Burden of Highly Active Retrotransposition Competent L1s Is Associated with Parkinsonâ€™s Disease Risk and Progression in the PPMI Cohort. International Journal of Molecular Sciences, 2020, 21, 6562.	4.1	18

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127	Association of Clinical and Demographic Factors With the Severity of Palmoplantar Pustulosis. JAMA Dermatology, 2020, 156, 1216.	4.1	18
128	The Association Analysis between ACE and ACTN3 Genes Polymorphisms and Endurance Capacity in Young Cross-Country Skiers: Longitudinal Study. Journal of Sports Science and Medicine, 2016, 15, 287-94.	1.6	18
129	Innovative approaches for treatment of osteosarcoma. Experimental Biology and Medicine, 2022, 247, 310-316.	2.4	18
130	Promoter polymorphism -119C/G in MYG1 (C12orf10) gene is related to vitiligo susceptibility and Arg4Gln affects mitochondrial entrance of Myg1. BMC Medical Genetics, 2010, 11, 56.	2.1	17
131	Opioid antagonist naloxone potentiates anxiogenic-like action of cholecystokinin agonists in elevated plus-maze. Neuropeptides, 1998, 32, 235-240.	2.2	16
132	Regulation of the frontocortical sodium pump by Na+in Alzheimer's disease: difference from the age-matched control but similarity to the rat model. FEBS Letters, 2002, 531, 241-244.	2.8	16
133	Characterization of MYG1 gene and protein: subcellular distribution and function. Biology of the Cell, 2009, 101, 361-377.	2.0	16
134	Variation in tryptophan hydroxylase-2 gene is not associated to male completed suicide in Estonian population. Neuroscience Letters, 2009, 453, 112-114.	2.1	16
135	Gene Expression Analysis of the Corticotrophin-releasing Hormone-proopiomelanocortin System in Psoriasis Skin Biopsies. Acta Dermato-Venereologica, 2013, 93, 400-405.	1.3	16
136	Polymorphisms in Toll-like receptor genes are associated with vitiligo. Frontiers in Genetics, 2015, 6, 278.	2.3	16
137	Single Nucleotide Polymorphisms Associated With Gut Homeostasis Influence Risk and Age-at-Onset of Parkinson's Disease. Frontiers in Aging Neuroscience, 2020, 12, 603849.	3.4	16
138	Interâ€•and Intrafamilial Phenotypic Variability in Individuals with Collagenâ€Related Osteogenesis Imperfecta. Clinical and Translational Science, 2020, 13, 960-971.	3.1	16
139	Anti-exploratory effect of N-methyl-d-aspartate in elevated plus-maze. Involvement of NMDA and CCK receptors. European Neuropsychopharmacology, 1993, 3, 63-73.	0.7	15
140	Distinct changes in the behavioural effects of morphine and naloxone in CCK2 receptor-deficient mice. Behavioural Brain Research, 2003, 144, 125-135.	2.2	15
141	Common Variations in 4p Locus are Related to Male Completed Suicide. NeuroMolecular Medicine, 2009, 11, 13-19.	3.4	15
142	IFITM5 pathogenic variant causes osteogenesis imperfecta V with various phenotype severity in Ukrainian and Vietnamese patients. Human Genomics, 2019, 13, 25.	2.9	15
143	Whole genome and exome sequencing reference datasets from a multi-center and cross-platform benchmark study. Scientific Data, 2021, 8, 296.	5.3	15
144	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study. Movement Disorders, 2022, 37, 857-864.	3.9	15

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145	CCK2 receptor-deficient mice have increased sensitivity of dopamine D2 receptors. Neuropeptides, 2003, 37, 25-29.	2.2	14
146	Interleukin 10 family gene polymorphisms are not associated with major depressive disorder and panic disorder phenotypes. Journal of Psychiatric Research, 2010, 44, 275-277.	3.1	14
147	Association Analysis of Genes of the <i>IL19</i> Cluster and Their Receptors in Vitiligo Patients. Dermatology, 2010, 221, 261-266.	2.1	14
148	Transcriptional landscape of human endogenous retroviruses (HERVs) and other repetitive elements in psoriatic skin. Scientific Reports, 2018, 8, 4358.	3.3	14
149	De novo and inherited pathogenic variants in collagenâ€related osteogenesis imperfecta. Molecular Genetics & Genomic Medicine, 2019, 7, e559.	1.2	14
150	Update on genomic and molecular landscapes of well-differentiated liposarcoma and dedifferentiated liposarcoma. Molecular Biology Reports, 2021, 48, 3637-3647.	2.3	14
151	Single-cell RNA sequencing reveals differential expression of EGFL7 and VEGF in giant-cell tumor of bone and osteosarcoma. Experimental Biology and Medicine, 2022, 247, 1214-1227.	2.4	14
152	Alterations in opioid system of the rat brain after cat odor exposure. Neuroscience Letters, 2005, 377, 136-139.	2.1	13
153	Gender specific effects of ethanol in mice, lacking CCK2 receptors. Behavioural Brain Research, 2006, 175, 149-156.	2.2	13
154	Further association analysis of chr 6q22-24 suggests a role of IL-20RA polymorphisms in psoriasis. Journal of Dermatological Science, 2010, 57, 71-73.	1.9	13
155	Impaired striatal dopamine output of homozygous Wfs1 mutant mice in response to [K+] challenge. Journal of Physiology and Biochemistry, 2011, 67, 53-60.	3.0	13
156	Comparison of the Metabolic Syndrome Risk in Valproate-Treated Patients with Epilepsy and the General Population in Estonia. PLoS ONE, 2014, 9, e103856.	2.5	13
157	Sequencing and annotated analysis of full genome of Holstein breed bull. Mammalian Genome, 2014, 25, 363-373.	2.2	13
158	Nuclear Genes Associated with Mitochondrial <scp>DNA</scp> Processes as Contributors to Parkinson's Disease Risk. Movement Disorders, 2021, 36, 815-831.	3.9	13
159	Transcriptome analysis of osteosarcoma identifies suppression of wnt pathway and up-regulation of adiponectin as potential biomarker. Genomics Discovery, 2013, 1, 3.	0.2	13
160	Cat odour exposure decreases exploratory activity and alters neuropeptide gene expression in CCK2 receptor deficient mice, but not in their wild-type littermates. Behavioural Brain Research, 2006, 169, 212-219.	2.2	12
161	micro<scp>RNA</scp>â€146a is linked to the production of IgE in mice but not in atopic dermatitis patients. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2400-2403.	5.7	12
162	Analysis of repetitive element expression in the blood and skin of patients with Parkinsonâ€™s disease identifies differential expression of satellite elements. Scientific Reports, 2019, 9, 4369.	3.3	12

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163	Identification of an optimal method for extracting RNA from human skin biopsy, using domestic pig as a model system. Scientific Reports, 2019, 9, 20111.	3.3	12
164	The CD226 Gly307Ser gene polymorphism is associated with severity of psoriasis. Journal of Dermatological Science, 2010, 58, 160-161.	1.9	11
165	Myg1-deficient mice display alterations in stress-induced responses and reduction of sex-dependent behavioural differences. Behavioural Brain Research, 2010, 207, 182-195.	2.2	11
166	Sequencing and annotated analysis of the Holstein cow genome. Mammalian Genome, 2013, 24, 309-321.	2.2	11
167	Use of a national database as a tool to identify primary medication non-adherence: The Estonian ePrescription system. Research in Social and Administrative Pharmacy, 2018, 14, 776-783.	3.0	11
168	Variable number tandem repeats â€“ Their emerging role in sickness and health. Experimental Biology and Medicine, 2021, 246, 1368-1376.	2.4	11
169	Whole-exome sequencing identifies de novo mutation in the COL1A1 gene to underlie the severe osteogenesis imperfecta. Human Genomics, 2015, 9, 6.	2.9	10
170	Hippocampus and Hypothalamus RNA-sequencing of WFS1-deficient Mice. Neuroscience, 2018, 374, 91-103.	2.3	10
171	Alternative splicing of leptin receptor overlapping transcript in osteosarcoma. Experimental Biology and Medicine, 2020, 245, 1437-1443.	2.4	10
172	Expression Quantitative Trait Loci (eQTLs) Associated with Retrotransposons Demonstrate their Modulatory Effect on the Transcriptome. International Journal of Molecular Sciences, 2021, 22, 6319.	4.1	10
173	Validation of a rapid, saliva-based, and ultra-sensitive SARS-CoV-2 screening system for pandemic-scale infection surveillance. Scientific Reports, 2022, 12, 5936.	3.3	10
174	Analysis of genetic variants of class II cytokine and their receptor genes in psoriasis patients of two ethnic groups from the Volga-Ural region of Russia. Journal of Dermatological Science, 2012, 68, 9-18.	1.9	9
175	Increased Mitochondrial Protein Levels and Bioenergetics in the Musculus Rectus Femoris of Wfs1-Deficient Mice. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	9
176	In vitro culture and non-invasive metabolic profiling of single bovine embryos. Reproduction, Fertility and Development, 2019, 31, 306.	0.4	9
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