

# Sulev Kks

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249  
papers

6,595  
citations

37  
h-index

72  
g-index

268  
ext. papers

8,486  
ext. citations

5.4  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
249	Innovative approaches for treatment of osteosarcoma.. <i>Experimental Biology and Medicine</i> , <b>2022</b> , 15353702211067718	3.7	2
248	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study.. <i>Movement Disorders</i> , <b>2022</b> ,	7	2
247	Characterisation of the Function of a SINE-VNTR- Retrotransposon to Modulate Isoform Expression at the Locus.. <i>Frontiers in Molecular Neuroscience</i> , <b>2022</b> , 15, 815695	6.1	0
246	Single-cell RNA-seq identification of four differentially expressed survival-related genes by a TARGET: Osteosarcoma database analysis.. <i>Experimental Biology and Medicine</i> , <b>2022</b> , 153537022210801317	3.7	1
245	Locus specific reduction of L1 expression in the cortices of individuals with amyotrophic lateral sclerosis.. <i>Molecular Brain</i> , <b>2022</b> , 15, 25	4.5	
244	Longitudinal intronic RNA-Seq analysis of Parkinson's disease patients reveals disease-specific nascent transcription.. <i>Experimental Biology and Medicine</i> , <b>2022</b> , 15353702221081027	3.7	1
243	Wolframin is a novel regulator of tau pathology and neurodegeneration.. <i>Acta Neuropathologica</i> , <b>2022</b> , 1	14.3	3
242	Validation of a rapid, saliva-based, and ultra-sensitive SARS-CoV-2 screening system for pandemic-scale infection surveillance.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5936	4.9	1
241	Mechanisms of disease-associated SINE-VNTR-Alus.. <i>Experimental Biology and Medicine</i> , <b>2022</b> , 15353702221082612	3.7	2
240	Analysis of the Retrotransposon SINE-VNTR-Alu (SVA) Polymorphisms in the Genetics and Pathophysiology of Complex Diseases. <i>Neuromethods</i> , <b>2022</b> , 63-77	0.4	
239	Transcriptional Basis of Psoriasis from Large Scale Gene Expression Studies: The Importance of Moving towards a Precision Medicine Approach. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6130	6.3	2
238	Whole genome and exome sequencing reference datasets from a multi-center and cross-platform benchmark study. <i>Scientific Data</i> , <b>2021</b> , 8, 296	8.2	2
237	The East Asian Parkinson Disease Genomics Consortium. <i>Lancet Neurology</i> , <b>2021</b> , 20, 982	24.1	0
236	Reduced Corneal Sensitivity with Neuronal Degeneration is a Novel Clinical Feature in Wolfram Syndrome. <i>American Journal of Ophthalmology</i> , <b>2021</b> ,	4.9	1
235	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , <b>2021</b> ,	5.3	3
234	Transcript Variants of Genes Involved in Neurodegeneration Are Differentially Regulated by the APOE and MAPT Haplotypes. <i>Genes</i> , <b>2021</b> , 12,	4.2	2
233	The TOMM40 R23R polymorphism in disease risk and age of symptom onset in two independent cohorts of Parkinson's disease. <i>Scientific Reports</i> , <b>2021</b> , 11, 6363	4.9	3

232	Update on genomic and molecular landscapes of well-differentiated liposarcoma and dedifferentiated liposarcoma. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 3637-3647	2.8	2
231	Variable number tandem repeats - Their emerging role in sickness and health. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 1368-1376	3.7	2
230	12 Survival-related differentially expressed genes based on the TARGET-osteosarcoma database. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 2072-2081	3.7	8
229	Identification of Candidate Parkinson Disease Genes by Integrating Genome-Wide Association Study, Expression, and Epigenetic Data Sets. <i>JAMA Neurology</i> , <b>2021</b> , 78, 464-472	17.2	17
228	Reference SVA insertion polymorphisms are associated with Parkinson <sup>®</sup> Disease progression and differential gene expression. <i>Npj Parkinsonis Disease</i> , <b>2021</b> , 7, 44	9.7	5
227	Investigation of Autosomal Genetic Sex Differences in Parkinson <sup>®</sup> Disease. <i>Annals of Neurology</i> , <b>2021</b> , 90, 35-42	9.4	6
226	Genome-wide survival study identifies a novel synaptic locus and polygenic score for cognitive progression in Parkinson <sup>®</sup> disease. <i>Nature Genetics</i> , <b>2021</b> , 53, 787-793	36.3	15
225	Synovium-Synovial Fluid Axis in Osteoarthritis Pathology: A Key Regulator of the Cartilage Degradation Process. <i>Genes</i> , <b>2021</b> , 12,	4.2	2
224	Expression Quantitative Trait Loci (eQTLs) Associated with Retrotransposons Demonstrate their Modulatory Effect on the Transcriptome. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
223	High-fat diet associated sensitization to metabolic stress in Wfs1 heterozygous mice. <i>Molecular Genetics and Metabolism</i> , <b>2021</b> , 134, 203-211	3.7	1
222	Transcriptomic profiles in Parkinson <sup>®</sup> disease. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 584-595	3.7	6
221	Community-based genetic study of Parkinson <sup>®</sup> disease in Estonia. <i>Acta Neurologica Scandinavica</i> , <b>2021</b> , 143, 89-95	3.8	1
220	At the dawn of the transcriptomic medicine. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 286-292	3.7	2
219	Nuclear Genes Associated with Mitochondrial DNA Processes as Contributors to Parkinson <sup>®</sup> Disease Risk. <i>Movement Disorders</i> , <b>2021</b> , 36, 815-831	7	3
218	Chronic Alcohol Use Induces Molecular Genetic Changes in the Dorsomedial Thalamus of People with Alcohol-Related Disorders. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	1
217	TOMM40 <sup>®</sup> 23Rpoly-T repeat length is a determinant of longitudinal cognitive decline in Parkinson <sup>®</sup> disease. <i>Npj Parkinsonis Disease</i> , <b>2021</b> , 7, 56	9.7	1
216	Upregulation of 15 Antisense Long Non-Coding RNAs in Osteosarcoma. <i>Genes</i> , <b>2021</b> , 12,	4.2	4
215	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 1141-1150	44.5	11

214	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 1151-1160	44.5	5
213	Genetic interaction between two VNTRs in the MAOA gene is associated with the nicotine dependence. <i>Experimental Biology and Medicine</i> , <b>2020</b> , 245, 733-739	3.7	5
212	Inter- and Intrafamilial Phenotypic Variability in Individuals with Collagen-Related Osteogenesis Imperfecta. <i>Clinical and Translational Science</i> , <b>2020</b> , 13, 960-971	4.9	5
211	Rare Loss-of-Function Mutation in SERPINA3 in Generalized Pustular Psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 1451-1455.e13	4.3	22
210	Penetrance of Parkinson's Disease in LRRK2 p.G2019S Carriers Is Modified by a Polygenic Risk Score. <i>Movement Disorders</i> , <b>2020</b> , 35, 774-780	7	27
209	Aneurysmal subarachnoid haemorrhage: Effect of CRHR1 genotype on mental health-related quality of life. <i>Scientific Reports</i> , <b>2020</b> , 10, 724	4.9	2
208	Corneal Abnormalities Are Novel Clinical Feature in Wolfram Syndrome. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 217, 140-151	4.9	5
207	Genetic Predisposition Related To Overuse Injuries In Athletes: Genome-wide Association Study In Estonian Elite Athletes.. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 89-90	1.2	
206	The Genetic Variations Associated With Time to Aseptic Loosening After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , <b>2020</b> , 35, 981-988	4.4	5
205	Subacute administration of both methcathinone and manganese causes basal ganglia damage in mice resembling that in methcathinone abusers. <i>Journal of Neural Transmission</i> , <b>2020</b> , 127, 707-714	4.3	2
204	An Increased Burden of Highly Active Retrotransposition Competent L1s Is Associated with Parkinson's Disease Risk and Progression in the PPMI Cohort. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	13
203	RNA sequencing analysis reveals increased expression of interferon signaling genes and dysregulation of bone metabolism affecting pathways in the whole blood of patients with osteogenesis imperfecta. <i>BMC Medical Genomics</i> , <b>2020</b> , 13, 177	3.7	2
202	Frequency and methylation status of selected retrotransposition competent L1 loci in amyotrophic lateral sclerosis. <i>Molecular Brain</i> , <b>2020</b> , 13, 154	4.5	3
201	Disease-modifying effects of a structural variant in a predominantly ALS cohort. <i>Neurology: Genetics</i> , <b>2020</b> , 6, e470	3.8	2
200	Alternative splicing of leptin receptor overlapping transcript in osteosarcoma. <i>Experimental Biology and Medicine</i> , <b>2020</b> , 245, 1437-1443	3.7	5
199	Association of Clinical and Demographic Factors With the Severity of Palmoplantar Pustulosis. <i>JAMA Dermatology</i> , <b>2020</b> , 156, 1216-1222	5.1	5
198	Multiple Retinal Anomalies in Wfs1-Deficient Mice. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	1
197	Single Nucleotide Polymorphisms Associated With Gut Homeostasis Influence Risk and Age-at-Onset of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 603849	5.3	7

196	COVID-19: Time for precision epidemiology. <i>Experimental Biology and Medicine</i> , <b>2020</b> , 245, 677-679	3.7	13
195	Aneurysmal subarachnoid haemorrhage: effect of CRHR1 genotype on fatigue and depression. <i>BMC Neurology</i> , <b>2020</b> , 20, 142	3.1	1
194	The Genetic Architecture of Parkinson Disease in Spain: Characterizing Population-Specific Risk, Differential Haplotype Structures, and Providing Etiologic Insight. <i>Movement Disorders</i> , <b>2019</b> , 34, 1851-1863	7.6	18
193	The endocytic membrane trafficking pathway plays a major role in the risk of Parkinson's disease. <i>Movement Disorders</i> , <b>2019</b> , 34, 460-468	7	40
192	De novo and inherited pathogenic variants in collagen-related osteogenesis imperfecta. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e559	2.3	5
191	IFITM5 pathogenic variant causes osteogenesis imperfecta V with various phenotype severity in Ukrainian and Vietnamese patients. <i>Human Genomics</i> , <b>2019</b> , 13, 25	6.8	7
190	Mitochondria function associated genes contribute to Parkinson's Disease risk and later age at onset. <i>Npj Parkinson's Disease</i> , <b>2019</b> , 5, 8	9.7	47
189	Cross-Sectional Study to Characterise Nicotine Dependence in Central Vietnamese Men. <i>Substance Abuse: Research and Treatment</i> , <b>2019</b> , 13, 1178221818822979	1.6	4
188	Analysis of repetitive element expression in the blood and skin of patients with Parkinson's disease identifies differential expression of satellite elements. <i>Scientific Reports</i> , <b>2019</b> , 9, 4369	4.9	6
187	Serum Amyloid Alpha Is Downregulated in Peripheral Tissues of Parkinson's Disease Patients. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 13	5.1	12
186	In vitro culture and non-invasive metabolic profiling of single bovine embryos. <i>Reproduction, Fertility and Development</i> , <b>2019</b> , 31, 306-314	1.8	5
185	Clinical and genetic differences between pustular psoriasis subtypes. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1021-1026	11.5	80
184	Pathogenic Variants and Phenotype Characteristics in Ukrainian Osteogenesis Imperfecta Patients. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 722	4.5	15
183	Acute effects of methcathinone and manganese in mice: A dose response study. <i>Heliyon</i> , <b>2019</b> , 5, e02475.6	5.6	2
182	Polymorphisms in Corticotrophin-releasing Hormone-proopiomelanocortin (CRH-POMC) System Genes are Associated with Plaque Psoriasis. <i>Acta Dermato-Venereologica</i> , <b>2019</b> , 99, 444-445	2.2	0
181	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , <b>2019</b> , 18, 1091-1102	24.1	562
180	In vitro fertilization does not increase the incidence of de novo copy number alterations in fetal and placental lineages. <i>Nature Medicine</i> , <b>2019</b> , 25, 1699-1705	50.5	15
179	Identification of an optimal method for extracting RNA from human skin biopsy, using domestic pig as a model system. <i>Scientific Reports</i> , <b>2019</b> , 9, 20111	4.9	4

178	Polymorphisms in IL36G gene are associated with plaque psoriasis. <i>BMC Medical Genetics</i> , <b>2019</b> , 20, 10	2.1	8
177	Hippocampus and Hypothalamus RNA-sequencing of WFS1-deficient Mice. <i>Neuroscience</i> , <b>2018</b> , 374, 91-103	4.9	5
176	Transcriptional landscape of human endogenous retroviruses (HERVs) and other repetitive elements in psoriatic skin. <i>Scientific Reports</i> , <b>2018</b> , 8, 4358	4.9	7
175	Use of a national database as a tool to identify primary medication non-adherence: The Estonian ePrescription system. <i>Research in Social and Administrative Pharmacy</i> , <b>2018</b> , 14, 776-783	2.9	6
174	Enhanced Expression of Genes Related to Xenobiotic Metabolism in the Skin of Patients with Atopic Dermatitis but Not with Ichthyosis Vulgaris. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 98-108	4.3	18
173	microRNA-146a is linked to the production of IgE in mice but not in atopic dermatitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 73, 2400-2403	9.3	8
172	rs10732516 polymorphism at the locus associates with genotype-specific effects on placental DNA methylation and birth weight of newborns conceived by assisted reproductive technology. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 80	7.7	17
171	Genetic Interaction Between Two VNTRs in the SLC6A4 Gene Regulates Nicotine Dependence in Vietnamese Men. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1398	5.6	5
170	Increased Mitochondrial Protein Levels and Bioenergetics in the of Wfs1-Deficient Mice. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 3175313	6.7	5
169	Proteomic dataset of wolframin-deficient mouse heart and skeletal muscles. <i>Data in Brief</i> , <b>2018</b> , 21, 616-619	4.19	3
168	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 3721-3733	12.9	108
167	Looking beyond the brain to improve the pathogenic understanding of Parkinson's disease: implications of whole transcriptome profiling of Patients'skin. <i>BMC Neurology</i> , <b>2017</b> , 17, 6	3.1	24
166	Activation of GPR15 and its involvement in the biological effects of smoking. <i>Experimental Biology and Medicine</i> , <b>2017</b> , 242, 1207-1212	3.7	13
165	Trends in and relation between hip fracture incidence and osteoporosis medication utilization and prices in Estonia in 2004-2015. <i>Archives of Osteoporosis</i> , <b>2017</b> , 12, 48	2.9	5
164	Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. <i>Nature Communications</i> , <b>2017</b> , 8, 15382	17.4	136
163	2102Ep embryonal carcinoma cells have compromised respiration and shifted bioenergetic profile distinct from H9 human embryonic stem cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 2146-2154	4	4
162	Occlusal features and need for orthodontic treatment in persons with osteogenesis imperfecta. <i>Clinical and Experimental Dental Research</i> , <b>2017</b> , 3, 19-24	1.9	2
161	Whole transcriptome analysis identifies differentially regulated networks between osteosarcoma and normal bone samples. <i>Experimental Biology and Medicine</i> , <b>2017</b> , 242, 1802-1811	3.7	36

160	Mutational analysis of COL1A1 and COL1A2 genes among Estonian osteogenesis imperfecta patients. <i>Human Genomics</i> , <b>2017</b> , 11, 19	6.8	24
159	Smoking-related general and cause-specific mortality in Estonia. <i>BMC Public Health</i> , <b>2017</b> , 18, 34	4.1	14
158	Adherence to osteoporosis medicines in Estonia-a comprehensive 15-year retrospective prescriptions database study. <i>Archives of Osteoporosis</i> , <b>2017</b> , 12, 59	2.9	4
157	The clinical features of osteogenesis imperfecta in Vietnam. <i>International Orthopaedics</i> , <b>2017</b> , 41, 21-29	3.8	11
156	Featured Article: Transcriptional landscape analysis identifies differently expressed genes involved in follicle-stimulating hormone induced postmenopausal osteoporosis. <i>Experimental Biology and Medicine</i> , <b>2017</b> , 242, 203-213	3.7	3
155	Recent Insights into the Role of Unfolded Protein Response in ER Stress in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2017</b> , 5, 48	5.7	107
154	Analysis of the Expression of Repetitive DNA Elements in Osteosarcoma. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 193	4.5	20
153	Association analysis of class II cytokine and receptor genes in vitiligo patients. <i>Human Immunology</i> , <b>2016</b> , 77, 375-81	2.3	6
152	Cardiometabolic risk loci share downstream cis- and trans-gene regulation across tissues and diseases. <i>Science</i> , <b>2016</b> , 353, 827-30	33.3	166
151	Use of drugs against osteoporosis in the Baltic countries during 2010-2014. <i>Medicina (Lithuania)</i> , <b>2016</b> , 52, 315-320	3.1	4
150	C14orf132 gene is possibly related to extremely low birth weight. <i>BMC Genetics</i> , <b>2016</b> , 17, 132	2.6	3
149	Mutation analysis of the COL1A1 and COL1A2 genes in Vietnamese patients with osteogenesis imperfecta. <i>Human Genomics</i> , <b>2016</b> , 10, 27	6.8	24
148	RNA-sequencing of WFS1-deficient pancreatic islets. <i>Physiological Reports</i> , <b>2016</b> , 4, e12750	2.6	13
147	Candidate genes in panic disorder: meta-analyses of 23 common variants in major anxiogenic pathways. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 665-79	15.1	61
146	The Association Analysis between ACE and ACTN3 Genes Polymorphisms and Endurance Capacity in Young Cross-Country Skiers: Longitudinal Study. <i>Journal of Sports Science and Medicine</i> , <b>2016</b> , 15, 287-304	3.7	11
145	Melanocortin 1 receptor MC1R as a genetic factor in the development of psoriasis. <i>Russian Journal of Skin and Venereal Diseases</i> , <b>2016</b> , 19, 173-177	0.1	
144	Psoriasis-Specific RNA Isoforms Identified by RNA-Seq Analysis of 173,446 Transcripts. <i>Frontiers in Medicine</i> , <b>2016</b> , 3, 46	4.9	15
143	Cellular Stress and p53-Associated Apoptosis by Juniperus communis L. Berry Extract Treatment in the Human SH-SY5Y Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	17

142	Metabolic syndrome and anticonvulsants: A comparative study of valproic acid and carbamazepine. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2016</b> , 38, 11-6	3.2	13
141	Analysis of metabolic effects of menthol on WFS1-deficient mice. <i>Physiological Reports</i> , <b>2016</b> , 4, e12660	2.6	5
140	Increased striatal VMAT2 binding in mice after chronic administration of methcathinone and manganese. <i>Brain Research</i> , <b>2016</b> , 1652, 97-102	3.7	2
139	Mouse models of ageing and their relevance to disease. <i>Mechanisms of Ageing and Development</i> , <b>2016</b> , 160, 41-53	5.6	49
138	Genome-wide association studies of autoimmune vitiligo identify 23 new risk loci and highlight key pathways and regulatory variants. <i>Nature Genetics</i> , <b>2016</b> , 48, 1418-1424	36.3	146
137	Clinically meaningful parameters of progression and long-term outcome of Parkinson disease: An international consensus statement. <i>Parkinsonism and Related Disorders</i> , <b>2015</b> , 21, 675-82	3.6	16
136	Experimental Models on Effects of Psychostimulants. <i>International Review of Neurobiology</i> , <b>2015</b> , 120, 107-29	4.4	5
135	Smoking-induced expression of the GPR15 gene indicates its potential role in chronic inflammatory pathologies. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2898-906	5.8	31
134	Expression of IL-36 family cytokines and IL-37 but not IL-38 is altered in psoriatic skin. <i>Journal of Dermatological Science</i> , <b>2015</b> , 80, 150-2	4.3	43
133	Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. <i>American Journal of Human Genetics</i> , <b>2015</b> , 97, 816-36	11	185
132	Polymorphisms of IKBKE gene are associated with major depressive disorder and panic disorder. <i>Brain and Behavior</i> , <b>2015</b> , 5, e00314	3.4	2
131	Valproate modulates glucose metabolism in patients with epilepsy after first exposure. <i>Epilepsia</i> , <b>2015</b> , 56, e172-5	6.4	17
130	Polymorphisms in Toll-like receptor genes are associated with vitiligo. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 278	4.5	14
129	Changes in the Peripheral Blood Gene Expression Profile Induced by 3 Months of Valproate Treatment in Patients with Newly Diagnosed Epilepsy. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 188	4.1	5
128	Prohormone convertase 2 activity is increased in the hippocampus of Wfs1 knockout mice. <i>Frontiers in Molecular Neuroscience</i> , <b>2015</b> , 8, 45	6.1	3
127	Whole-exome sequencing identifies de novo mutation in the COL1A1 gene to underlie the severe osteogenesis imperfecta. <i>Human Genomics</i> , <b>2015</b> , 9, 6	6.8	8
126	Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. <i>Nature Communications</i> , <b>2015</b> , 6, 7001	17.4	122
125	Transcriptional landscape of psoriasis identifies the involvement of IL36 and IL36RN. <i>BMC Genomics</i> , <b>2015</b> , 16, 322	4.5	48



124	Palmoplantar Pustular Psoriasis Is Associated with Missense Variants in CARD14, but Not with Loss-of-Function Mutations in IL36RN in European Patients. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 2538-2541	4.3	57
123	Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment. <i>Proteomics</i> , <b>2015</b> , 15, 1906-20	4.8	26
122	Parkinson's disease in GTP cyclohydrolase 1 mutation carriers. <i>Brain</i> , <b>2014</b> , 137, 2480-92	11.2	127
121	Sequencing and annotated analysis of full genome of Holstein breed bull. <i>Mammalian Genome</i> , <b>2014</b> , 25, 363-73	3.2	11
120	Whole Transcriptome Analysis (RNA Sequencing) of Peripheral Blood Mononuclear Cells of Vitiligo Patients. <i>Dermatopathology (Basel, Switzerland)</i> , <b>2014</b> , 1, 11-23	1.9	0
119	Comparison of the metabolic syndrome risk in valproate-treated patients with epilepsy and the general population in Estonia. <i>PLoS ONE</i> , <b>2014</b> , 9, e103856	3.7	9
118	Melanocytes in the skin--comparative whole transcriptome analysis of main skin cell types. <i>PLoS ONE</i> , <b>2014</b> , 9, e115717	3.7	30
117	Whole exome sequencing of a single osteosarcoma case--integrative analysis with whole transcriptome RNA-seq data. <i>Human Genomics</i> , <b>2014</b> , 8, 20	6.8	18
116	Expression of class II cytokine genes in children's skin. <i>Acta Dermato-Venereologica</i> , <b>2014</b> , 94, 386-92	2.2	4
115	Effect of chronic valproic Acid treatment on hepatic gene expression profile in wfs1 knockout mouse. <i>PPAR Research</i> , <b>2014</b> , 2014, 349525	4.3	7
114	Using RNA sequencing for identifying gene imprinting and random monoallelic expression in human placenta. <i>Epigenetics</i> , <b>2014</b> , 9, 1397-409	5.7	42
113	Energy metabolism and thyroid function of mice with deleted wolframin (Wfs1) gene. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2014</b> , 122, 281-6	2.3	4
112	Trib3 is developmentally and nutritionally regulated in the brain but is dispensable for spatial memory, fear conditioning and sensing of amino acid-imbalanced diet. <i>PLoS ONE</i> , <b>2014</b> , 9, e94691	3.7	9
111	Fibroblast growth on micro- and nanopatterned surfaces prepared by a novel sol-gel phase separation method. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2013</b> , 24, 783-92	4.5	6
110	Sequencing and annotated analysis of the Holstein cow genome. <i>Mammalian Genome</i> , <b>2013</b> , 24, 309-21	3.2	9
109	Increased placental expression and maternal serum levels of apoptosis-inducing TRAIL in recurrent miscarriage. <i>Placenta</i> , <b>2013</b> , 34, 141-8	3.4	31
108	Lsmp <sup>+/+</sup> mice display lower sensitivity to amphetamine and have elevated 5-HT turnover. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 430, 413-8	3.4	17
107	Copy number variations in IL22 gene are associated with Psoriasis vulgaris. <i>Human Immunology</i> , <b>2013</b> , 74, 792-5	2.3	17

106	Controlling complexity: the clinical relevance of mouse complex genetics. <i>European Journal of Human Genetics</i> , <b>2013</b> , 21, 1191-6	5.3	25
105	Evidence for impaired function of dopaminergic system in Wfs1-deficient mice. <i>Behavioural Brain Research</i> , <b>2013</b> , 244, 90-9	3.4	13
104	Silencing of the WFS1 gene in HEK cells induces pathways related to neurodegeneration and mitochondrial damage. <i>Physiological Genomics</i> , <b>2013</b> , 45, 182-90	3.6	14
103	Gene expression analysis of the corticotrophin-releasing hormone-proopiomelanocortin system in psoriasis skin biopsies. <i>Acta Dermato-Venereologica</i> , <b>2013</b> , 93, 400-5	2.2	8
102	Peripheral blood RNA gene expression profiling in patients with bacterial meningitis. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 33	5.1	30
101	Wfs1-deficient mice display altered function of serotonergic system and increased behavioral response to antidepressants. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 132	5.1	5
100	Transcriptome analysis of osteosarcoma identifies suppression of wnt pathway and up-regulation of adiponectin as potential biomarker <b>2013</b> , 1, 3		7
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98	Rimonabant attenuates amphetamine sensitisation in a CCK2 receptor-dependent manner. <i>Behavioural Brain Research</i> , <b>2012</b> , 226, 335-9	3.4	3
97	Deletion of the Lsamp gene lowers sensitivity to stressful environmental manipulations in mice. <i>Behavioural Brain Research</i> , <b>2012</b> , 228, 74-81	3.4	18
96	Sequencing and annotated analysis of an Estonian human genome. <i>Gene</i> , <b>2012</b> , 493, 69-76	3.8	4
95	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. <i>Nature Genetics</i> , <b>2012</b> , 44, 1341-8	36.3	681
94	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. <i>Journal of Dermatological Science</i> , <b>2012</b> , 68, 9-18	4.3	8
93	Expression profile of genes associated with the dopamine pathway in vitiligo skin biopsies and blood sera. <i>Dermatology</i> , <b>2012</b> , 224, 168-76	4.4	13
92	Combined analysis of genome-wide association studies for Crohn disease and psoriasis identifies seven shared susceptibility loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 636-47	11	224
91	Genome-wide meta-analysis of psoriatic arthritis identifies susceptibility locus at REL. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 1133-40	4.3	89
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89	Polymorphisms in the ATG16L1 gene are associated with psoriasis vulgaris. <i>Acta Dermato-Venereologica</i> , <b>2012</b> , 92, 85-7	2.2	34

88	Associations between LSAMP gene polymorphisms and major depressive disorder and panic disorder. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e152	8.6	29
87	Mid-gestational gene expression profile in placenta and link to pregnancy complications. <i>PLoS ONE</i> , <b>2012</b> , 7, e49248	3.7	53
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83	ATG16L1 gene polymorphisms are associated with palmoplantar pustulosis. <i>Human Immunology</i> , <b>2011</b> , 72, 613-5	2.3	15
82	Peripheral blood RNA expression profiling in illicit methcathinone users reveals effect on immune system. <i>Frontiers in Genetics</i> , <b>2011</b> , 2, 42	4.5	2
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72	The CD226 Gly307Ser gene polymorphism is associated with severity of psoriasis. <i>Journal of Dermatological Science</i> , <b>2010</b> , 58, 160-1	4.3	10
71	Analysis of the expression profile of CRH-POMC system genes in vitiligo skin biopsies. <i>Journal of Dermatological Science</i> , <b>2010</b> , 60, 125-8	4.3	5

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67	Promoter polymorphism -119C/G in MYG1 (C12orf10) gene is related to vitiligo susceptibility and Arg4Gln affects mitochondrial entrance of Myg1. <i>BMC Medical Genetics</i> , <b>2010</b> , 11, 56	2.1	15
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64	Common variations in 4p locus are related to male completed suicide. <i>NeuroMolecular Medicine</i> , <b>2009</b> , 11, 13-9	4.6	13
63	Wfs1-deficient mice display impaired behavioural adaptation in stressful environment. <i>Behavioural Brain Research</i> , <b>2009</b> , 198, 334-45	3.4	50
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60	Male mice with deleted Wolframin (Wfs1) gene have reduced fertility. <i>Reproductive Biology and Endocrinology</i> , <b>2009</b> , 7, 82	5	19
59	Association analysis of IL20RA and IL20RB genes in psoriasis. <i>Genes and Immunity</i> , <b>2008</b> , 9, 445-51	4.4	21
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57	Expressional changes in the intracellular melanogenesis pathways and their possible role in the pathogenesis of vitiligo. <i>Journal of Dermatological Science</i> , <b>2008</b> , 52, 39-46	4.3	26
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49	Association analysis of IL19, IL20 and IL24 genes in palmoplantar pustulosis. <i>British Journal of Dermatology</i> , <b>2007</b> , 156, 646-52	4	33
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47	Screen for genes in periaqueductal grey of male Wistar rats related to reduced exploratory activity in the elevated plus-maze. <i>Behavioural Brain Research</i> , <b>2007</b> , 183, 8-17	3.4	3
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44	Analysis of SNP profiles in patients with major depressive disorder. <i>International Journal of Neuropsychopharmacology</i> , <b>2006</b> , 9, 167-74	5.8	29
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24	CCK2 receptor-deficient mice have increased sensitivity of dopamine D2 receptors. <i>Neuropeptides</i> , <b>2003</b> , 37, 25-9	3.3	11
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3	Anti-exploratory effect of N-methyl-D-aspartate in elevated plus-maze. Involvement of NMDA and CCK receptors. <i>European Neuropsychopharmacology</i> , <b>1993</b> , 3, 63-73	1.2	14
2	Establishing reference samples for detection of somatic mutations and germline variants with NGS technologies		
1	Whole Genome and Exome Sequencing Reference Datasets from A Multi-center and Cross-platform Benchmark Study		2