

# Robert Karlsson

## 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.

60  
papers

6,447  
citations

34  
h-index

68  
g-index

68  
ext. papers

9,161  
ext. citations

15.5  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
60	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. <i>Nature Communications</i> , <b>2021</b> , 12, 6618	17.4	2
59	Identification of 22 susceptibility loci associated with testicular germ cell tumors. <i>Nature Communications</i> , <b>2021</b> , 12, 4487	17.4	5
58	Genome-wide association study of patients with a severe major depressive episode treated with electroconvulsive therapy. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2429-2439	15.1	8
57	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , <b>2021</b> , 596, 393-397	30.4	28
56	Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008725	6	10
55	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , <b>2020</b> , 106, 389-404	11	40
54	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 169-184	7.9	57
53	Childhood Adoption and Mental Health in Adulthood: The Role of Gene-Environment Correlations and Interactions in the UK Biobank. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 708-716	7.9	8
52	Comparison of Genetic Liability for Sleep Traits Among Individuals With Bipolar Disorder I or II and Control Participants. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 303-310	14.5	19
51	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. <i>Genome Medicine</i> , <b>2020</b> , 12, 105	14.4	15
50	The contribution of common genetic risk variants for ADHD to a general factor of childhood psychopathology. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 1809-1821	15.1	60
49	RICOPIIL: Rapid Imputation for COnsortias PIpeLIne. <i>Bioinformatics</i> , <b>2020</b> , 36, 930-933	7.2	72
48	Increased burden of ultra-rare structural variants localizing to boundaries of topologically associated domains in schizophrenia. <i>Nature Communications</i> , <b>2020</b> , 11, 1842	17.4	22
47	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2062-2074	11.5	87
46	Genetic Variants in the 9p21.3 Locus Associated with Glioma Risk in Children, Adolescents, and Young Adults: A Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 1252-1258	4	5
45	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , <b>2019</b> , 51, 793-803	36.3	662
44	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , <b>2019</b> , 10, 1893	17.4	79

43	Genetic Architectures of Childhood- and Adult-Onset Asthma Are Partly Distinct. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 665-684	11	83
42	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
41	Comprehensive longitudinal study of epigenetic mutations in aging. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 187	7.7	15
40	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , <b>2019</b> , 51, 245-257	36.3	259
39	Copy number variation and neuropsychiatric problems in females and males in the general population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2019</b> , 180, 341-350	3.5	13
38	Eleven loci with new reproducible genetic associations with allergic disease risk. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 691-699	11.5	28
37	Genetic and Environmental Contributions to the Covariation Between Cardiometabolic Traits. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	1
36	Genetic variation in 117 myelination-related genes in schizophrenia: Replication of association to lipid biosynthesis genes. <i>Scientific Reports</i> , <b>2018</b> , 8, 6915	4.9	7
35	A genome-wide association study of IgM antibody against phosphorylcholine: shared genetics and phenotypic relationship to chronic lymphocytic leukemia. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1809-1818	5.6	3
34	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 22-23u	7.8	62
33	Common genetic variation and novel loci associated with volumetric mammographic density. <i>Breast Cancer Research</i> , <b>2018</b> , 20, 30	8.3	10
32	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , <b>2018</b> , 173, 1705-1715.e16	56.2	360
31	Epigenetic influences on aging: a longitudinal genome-wide methylation study in old Swedish twins. <i>Epigenetics</i> , <b>2018</b> , 13, 975-987	5.7	37
30	Elevated expression of a minor isoform of ANK3 is a risk factor for bipolar disorder. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 210	8.6	13
29	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , <b>2018</b> , 103, 691-706	11	151
28	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , <b>2018</b> , 9, 2098	17.4	254
27	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , <b>2018</b> , 50, 912-919	36.3	475
26	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , <b>2017</b> , 49, 834-841	36.3	257

25	Exploring the Causal Pathway From Telomere Length to Coronary Heart Disease: A Network Mendelian Randomization Study. <i>Circulation Research</i> , <b>2017</b> , 121, 214-219	15.7	53
24	Meta-analysis of five genome-wide association studies identifies multiple new loci associated with testicular germ cell tumor. <i>Nature Genetics</i> , <b>2017</b> , 49, 1141-1147	36.3	85
23	Identification of 19 new risk loci and potential regulatory mechanisms influencing susceptibility to testicular germ cell tumor. <i>Nature Genetics</i> , <b>2017</b> , 49, 1133-1140	36.3	89
22	Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. <i>Nature Genetics</i> , <b>2017</b> , 49, 1752-1757	36.3	256
21	SweGen: a whole-genome data resource of genetic variability in a cross-section of the Swedish population. <i>European Journal of Human Genetics</i> , <b>2017</b> , 25, 1253-1260	5.3	103
20	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
19	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13366-13371	11.5	90
18	Gene regulatory mechanisms underpinning prostate cancer susceptibility. <i>Nature Genetics</i> , <b>2016</b> , 48, 387-97	36.3	72
17	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , <b>2016</b> , 46, 170-82	3.2	122
16	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , <b>2016</b> , 48, 624-33	36.3	602
15	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , <b>2016</b> , 533, 539-42	50.4	850
14	The risk of prostate cancer for men on aspirin, statin or antidiabetic medications. <i>European Journal of Cancer</i> , <b>2015</b> , 51, 725-33	7.5	51
13	Two new loci and gene sets related to sex determination and cancer progression are associated with susceptibility to testicular germ cell tumor. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4138-46	5.6	36
12	Telomere Length Shortening and Alzheimer Disease--A Mendelian Randomization Study. <i>JAMA Neurology</i> , <b>2015</b> , 72, 1202-3	17.2	78
11	Genome-wide association study of prostate cancer-specific survival. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 1796-800	4	23
10	Dominant Genetic Variation and Missing Heritability for Human Complex Traits: Insights from Twin versus Genome-wide Common SNP Models. <i>American Journal of Human Genetics</i> , <b>2015</b> , 97, 708-14	11	35
9	A significant risk locus on 19q13 for bipolar disorder identified using a combined genome-wide linkage and copy number variation analysis. <i>BioData Mining</i> , <b>2015</b> , 8, 42	4.3	1
8	Identification of two novel mammographic density loci at 6Q25.1. <i>Breast Cancer Research</i> , <b>2015</b> , 17, 75	8.3	18

7	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , <b>2015</b> , 72, 642-50	14.5	222
6	A population-based assessment of germline HOXB13 G84E mutation and prostate cancer risk. <i>European Urology</i> , <b>2014</b> , 65, 169-76	10.2	96
5	A comprehensive evaluation of the role of genetic variation in follicular lymphoma survival. <i>BMC Medical Genetics</i> , <b>2014</b> , 15, 113	2.1	12
4	Investigation of six testicular germ cell tumor susceptibility genes suggests a parent-of-origin effect in SPRY4. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 3373-80	5.6	25
3	Genome-wide association study identifies 30 Loci Associated with Bipolar Disorder		28
2	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences <sup>1</sup>		4
1	Comprehensive longitudinal study of epigenetic mutations in aging		1