

Thorunn Rafnar

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.

83
papers

12,472
citations

48
h-index

89
g-index

89
ext. papers

14,403
ext. citations

22.5
avg, IF

4.31
L-index

#	Paper	IF	Citations
83	Functional dissection of inherited non-coding variation influencing multiple myeloma risk.. <i>Nature Communications</i> , 2022 , 13, 151	17.4	0
82	Large-scale integration of the plasma proteome with genetics and disease. <i>Nature Genetics</i> , 2021 , 53, 1712-1721	36.3	17
81	Germline variants at SOHLH2 influence multiple myeloma risk. <i>Blood Cancer Journal</i> , 2021 , 11, 76	7	1
80	Predicting the probability of death using proteomics. <i>Communications Biology</i> , 2021 , 4, 758	6.7	2
79	Identification of 22 susceptibility loci associated with testicular germ cell tumors. <i>Nature Communications</i> , 2021 , 12, 4487	17.4	5
78	Loss-of-Function Variants in the Tumor-Suppressor Gene Confer Increased Cancer Risk. <i>Cancer Research</i> , 2021 , 81, 1954-1964	10.1	2
77	Genetic variants associated with platelet count are predictive of human disease and physiological markers. <i>Communications Biology</i> , 2021 , 4, 1132	6.7	0
76	The CRTAC1 Protein in Plasma Is Associated With Osteoarthritis and Predicts Progression to Joint Replacement: A Large-Scale Proteomics Scan in Iceland. <i>Arthritis and Rheumatology</i> , 2021 , 73, 2025-2034	9.5	6
75	FLT3 stop mutation increases FLT3 ligand level and risk of autoimmune thyroid disease. <i>Nature</i> , 2020 , 584, 619-623	50.4	23
74	Genome-wide association identifies seven loci for pelvic organ prolapse in Iceland and the UK Biobank. <i>Communications Biology</i> , 2020 , 3, 129	6.7	7
73	Predicted loss and gain of function mutations in ACO1 are associated with erythropoiesis. <i>Communications Biology</i> , 2020 , 3, 189	6.7	8
72	Common and Rare Sequence Variants Influencing Tumor Biomarkers in Blood. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 225-235	4	3
71	A PRPH splice-donor variant associates with reduced sural nerve amplitude and risk of peripheral neuropathy. <i>Nature Communications</i> , 2019 , 10, 1777	17.4	3
70	Clinical characteristics of patients with colorectal cancer with double somatic mismatch repair mutations compared with Lynch syndrome. <i>Journal of Medical Genetics</i> , 2019 , 56, 462-470	5.8	31
69	A Missense Variant in PTPN22 is a Risk Factor for Drug-induced Liver Injury. <i>Gastroenterology</i> , 2019 , 156, 1707-1716.e2	13.3	59
68	A loss-of-function variant in ALOX15 protects against nasal polyps and chronic rhinosinusitis. <i>Nature Genetics</i> , 2019 , 51, 267-276	36.3	44
67	Profile of common prostate cancer risk variants in an unscreened Romanian population. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1574-1582	5.6	4

66	Genome-wide associations for benign prostatic hyperplasia reveal a genetic correlation with serum levels of PSA. <i>Nature Communications</i> , 2018 , 9, 4568	17.4	24
65	Genome-wide association meta-analysis yields 20 loci associated with gallstone disease. <i>Nature Communications</i> , 2018 , 9, 5101	17.4	29
64	Meta-analysis of Icelandic and UK data sets identifies missense variants in SMO, IL11, COL11A1 and 13 more new loci associated with osteoarthritis. <i>Nature Genetics</i> , 2018 , 50, 1681-1687	36.3	67
63	Insights into imprinting from parent-of-origin phased methylomes and transcriptomes. <i>Nature Genetics</i> , 2018 , 50, 1542-1552	36.3	56
62	Identification of multiple risk loci and regulatory mechanisms influencing susceptibility to multiple myeloma. <i>Nature Communications</i> , 2018 , 9, 3707	17.4	57
61	Variants associating with uterine leiomyoma highlight genetic background shared by various cancers and hormone-related traits. <i>Nature Communications</i> , 2018 , 9, 3636	17.4	31
60	Association of BRCA2 K3326* With Small Cell Lung Cancer and Squamous Cell Cancer of the Skin. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 967-974	9.7	16
59	A genome-wide association study yields five novel thyroid cancer risk loci. <i>Nature Communications</i> , 2017 , 8, 14517	17.4	80
58	Sequence variants in ARHGAP15, COLQ and FAM155A associate with diverticular disease and diverticulitis. <i>Nature Communications</i> , 2017 , 8, 15789	17.4	37
57	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017 , 49, 1126-1132	36.3	246
56	Whole-genome sequencing identifies rare genotypes in COMP and CHADL associated with high risk of hip osteoarthritis. <i>Nature Genetics</i> , 2017 , 49, 801-805	36.3	56
55	Whole genome characterization of sequence diversity of 15,220 Icelanders. <i>Scientific Data</i> , 2017 , 4, 17018.5	17.4	64
54	Fourteen sequence variants that associate with multiple sclerosis discovered by meta-analysis informed by genetic correlations. <i>Npj Genomic Medicine</i> , 2017 , 2, 24	6.2	8
53	Sequence variant at 4q25 near PITX2 associates with appendicitis. <i>Scientific Reports</i> , 2017 , 7, 3119	4.9	10
52	Epigenetic and genetic components of height regulation. <i>Nature Communications</i> , 2016 , 7, 13490	17.4	39
51	Genome-wide association study identifies multiple susceptibility loci for multiple myeloma. <i>Nature Communications</i> , 2016 , 7, 12050	17.4	101
50	Identification of a novel susceptibility locus at 13q34 and refinement of the 20p12.2 region as a multi-signal locus associated with bladder cancer risk in individuals of European ancestry. <i>Human Molecular Genetics</i> , 2016 , 25, 1203-14	5.6	20
49	Sequence variants in the PTCH1 gene associate with spine bone mineral density and osteoporotic fractures. <i>Nature Communications</i> , 2016 , 7, 10129	17.4	41

48	Comprehensive population-wide detection of Lynch syndrome in Iceland.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 1542-1542	2.2	2
47	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 2131-41	59.2	94
46	Variants with large effects on blood lipids and the role of cholesterol and triglycerides in coronary disease. <i>Nature Genetics</i> , 2016 , 48, 634-9	36.3	162
45	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. <i>Cancer Research</i> , 2016 , 76, 5103-14	10.1	66
44	Loss-of-function variants in ATM confer risk of gastric cancer. <i>Nature Genetics</i> , 2015 , 47, 906-10	36.3	100
43	Large-scale whole-genome sequencing of the Icelandic population. <i>Nature Genetics</i> , 2015 , 47, 435-44	36.3	486
42	Variants in ELL2 influencing immunoglobulin levels associate with multiple myeloma. <i>Nature Communications</i> , 2015 , 6, 7213	17.4	54
41	New basal cell carcinoma susceptibility loci. <i>Nature Communications</i> , 2015 , 6, 6825	17.4	49
40	A Splice Region Variant in LDLR Lowers Non-high Density Lipoprotein Cholesterol and Protects against Coronary Artery Disease. <i>PLoS Genetics</i> , 2015 , 11, e1005379	6	17
39	Rare variants of large effect in BRCA2 and CHEK2 affect risk of lung cancer. <i>Nature Genetics</i> , 2014 , 46, 736-41	36.3	228
38	A method for detecting long non-coding RNAs with tiled RNA expression microarrays. <i>PLoS ONE</i> , 2014 , 9, e99899	3.7	9
37	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. <i>Human Molecular Genetics</i> , 2014 , 23, 3045-53	5.6	39
36	Nonsense mutation in the LGR4 gene is associated with several human diseases and other traits. <i>Nature</i> , 2013 , 497, 517-20	50.4	192
35	A common variant at 8q24.21 is associated with renal cell cancer. <i>Nature Communications</i> , 2013 , 4, 2776	17.4	48
34	A study based on whole-genome sequencing yields a rare variant at 8q24 associated with prostate cancer. <i>Nature Genetics</i> , 2012 , 44, 1326-9	36.3	151
33	Discovery of common variants associated with low TSH levels and thyroid cancer risk. <i>Nature Genetics</i> , 2012 , 44, 319-22	36.3	167
32	Mutations in BRIP1 confer high risk of ovarian cancer. <i>Nature Genetics</i> , 2011 , 43, 1104-7	36.3	285
31	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. <i>Nature Genetics</i> , 2011 , 43, 1098-103	36.3	203

30	Identification of low-frequency variants associated with gout and serum uric acid levels. <i>Nature Genetics</i> , 2011 , 43, 1127-30	36.3	117
29	A rare variant in MYH6 is associated with high risk of sick sinus syndrome. <i>Nature Genetics</i> , 2011 , 43, 316-20	36.3	228
28	Genome-wide significant association between a sequence variant at 15q15.2 and lung cancer risk. <i>Cancer Research</i> , 2011 , 71, 1356-61	10.1	21
27	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. <i>Human Molecular Genetics</i> , 2011 , 20, 4268-81	5.6	105
26	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2010 , 42, 415-9	36.3	138
25	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. <i>Nature Genetics</i> , 2010 , 42, 692-7	36.3	155
24	Common variants at 19p13 are associated with susceptibility to ovarian cancer. <i>Nature Genetics</i> , 2010 , 42, 880-4	36.3	210
23	A genome-wide association study identifies susceptibility loci for ovarian cancer at 2q31 and 8q24. <i>Nature Genetics</i> , 2010 , 42, 874-9	36.3	277
22	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. <i>Nature Genetics</i> , 2010 , 42, 978-84	36.3	408
21	Replication of lung cancer susceptibility loci at chromosomes 15q25, 5p15, and 6p21: a pooled analysis from the International Lung Cancer Consortium. <i>Journal of the National Cancer Institute</i> , 2010 , 102, 959-71	9.7	153
20	Genetic correction of PSA values using sequence variants associated with PSA levels. <i>Science Translational Medicine</i> , 2010 , 2, 62ra92	17.5	125
19	Ancestry-shift refinement mapping of the C6orf97-ESR1 breast cancer susceptibility locus. <i>PLoS Genetics</i> , 2010 , 6, e1001029	6	72
18	Evaluation of association of HNF1B variants with diverse cancers: collaborative analysis of data from 19 genome-wide association studies. <i>PLoS ONE</i> , 2010 , 5, e10858	3.7	24
17	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. <i>Nature Genetics</i> , 2009 , 41, 221-7	36.3	509
16	Common variants on 9q22.33 and 14q13.3 predispose to thyroid cancer in European populations. <i>Nature Genetics</i> , 2009 , 41, 460-4	36.3	308
15	Genome-wide association study identifies sequence variants on 6q21 associated with age at menarche. <i>Nature Genetics</i> , 2009 , 41, 734-8	36.3	169
14	New common variants affecting susceptibility to basal cell carcinoma. <i>Nature Genetics</i> , 2009 , 41, 909-14	36.3	275
13	Genome-wide association and replication studies identify four variants associated with prostate cancer susceptibility. <i>Nature Genetics</i> , 2009 , 41, 1122-6	36.3	281

12	A genome-wide association study of lung cancer identifies a region of chromosome 5p15 associated with risk for adenocarcinoma. <i>American Journal of Human Genetics</i> , 2009 , 85, 679-91	11	442
11	A variant associated with nicotine dependence, lung cancer and peripheral arterial disease. <i>Nature</i> , 2008 , 452, 638-642	50.4	1239
10	Many sequence variants affecting diversity of adult human height. <i>Nature Genetics</i> , 2008 , 40, 609-15	36.3	522
9	ASIP and TYR pigmentation variants associate with cutaneous melanoma and basal cell carcinoma. <i>Nature Genetics</i> , 2008 , 40, 886-91	36.3	265
8	Detection of sharing by descent, long-range phasing and haplotype imputation. <i>Nature Genetics</i> , 2008 , 40, 1068-75	36.3	329
7	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2008 , 40, 1307-12	36.3	332
6	Common variants on 1p36 and 1q42 are associated with cutaneous basal cell carcinoma but not with melanoma or pigmentation traits. <i>Nature Genetics</i> , 2008 , 40, 1313-8	36.3	93
5	Genome-wide association study identifies a second prostate cancer susceptibility variant at 8q24. <i>Nature Genetics</i> , 2007 , 39, 631-7	36.3	739
4	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. <i>Nature Genetics</i> , 2007 , 39, 977-83	36.3	616
3	Common variants on chromosomes 2q35 and 16q12 confer susceptibility to estrogen receptor-positive breast cancer. <i>Nature Genetics</i> , 2007 , 39, 865-9	36.3	715
2	The Icelandic Cancer Project--a population-wide approach to studying cancer. <i>Nature Reviews Cancer</i> , 2004 , 4, 488-92	31.3	12
1	BRCA2, but not BRCA1, mutations account for familial ovarian cancer in Iceland: a population-based study. <i>European Journal of Cancer</i> , 2004 , 40, 2788-93	7.5	41