

Valur Emilsson

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

27,958
citations

38742
50
h-index

58581
82
g-index

91
all docs

91
docs citations

91
times ranked

37508
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic Analysis Identifies Circulating Proteins Associated With Plasma Amyloid- β^2 and Incident Dementia. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 490-499.	2.2	5
2	A genome-wide association study of serum proteins reveals shared loci with common diseases. <i>Nature Communications</i> , 2022, 13, 480.	12.8	79
3	Coding and regulatory variants are associated with serum protein levels and disease. <i>Nature Communications</i> , 2022, 13, 481.	12.8	18
4	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. <i>Nature Genetics</i> , 2022, 54, 437-449.	21.4	215
5	A proteogenomic signature of age-related macular degeneration in blood. <i>Nature Communications</i> , 2022, 13, .	12.8	14
6	Itâ€™s in Our Blood: A Glimpse of Personalized Medicine. <i>Trends in Molecular Medicine</i> , 2021, 27, 20-30.	6.7	26
7	Serum levels of ACE2 are higher in patients with obesity and diabetes. <i>Obesity Science and Practice</i> , 2021, 7, 239-243.	1.9	20
8	Large-scale plasma proteomic analysis identifies proteins and pathways associated with dementia risk. <i>Nature Aging</i> , 2021, 1, 473-489.	11.6	69
9	A proteome-wide genetic investigation identifies several SARS-CoV-2-exploited host targets of clinical relevance. <i>ELife</i> , 2021, 10, .	6.0	23
10	Molecular screening of familial hypercholesterolemia in Icelanders. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 508-514.	1.2	3
11	Circulating Protein Signatures and Causal Candidates for Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 1843-1853.	0.6	64
12	Oncostatin M reduces atherosclerosis development in APOE*3Leiden.CETP mice and is associated with increased survival probability in humans. <i>PLoS ONE</i> , 2019, 14, e0221477.	2.5	10
13	Predicting health and life span with the deep plasma proteome. <i>Nature Medicine</i> , 2019, 25, 1815-1816.	30.7	12
14	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> , 2019, 51, 245-257.	21.4	536
15	Integrated Human Evaluation of the Lysophosphatidic Acid Pathway as a Novel Therapeutic Target in Atherosclerosis. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 10, 17-28.	4.1	18
16	Co-regulatory networks of human serum proteins link genetics to disease. <i>Science</i> , 2018, 361, 769-773.	12.6	375
17	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. <i>Nature Genetics</i> , 2018, 50, 1112-1121.	21.4	1,835
18	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , 2017, 103, 1278-1285.	2.9	38

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19	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	3.7	89
20	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
21	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	27.8	1,204
22	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	7.1	110
23	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. Nature Medicine, 2016, 22, 771-779.	30.7	57
24	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
25	Characterization of Genetic Networks Associated with Alzheimer's Disease. Methods in Molecular Biology, 2016, 1303, 459-477.	0.9	11
26	A novel Alzheimer disease locus located near the gene encoding tau protein. Molecular Psychiatry, 2016, 21, 108-117.	7.9	260
27	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. PLoS Genetics, 2016, 12, e1006327.	3.5	47
28	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
29	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
30	A Meta-analysis of Gene Expression Signatures of Blood Pressure and Hypertension. PLoS Genetics, 2015, 11, e1005035.	3.5	107
31	PLD3 variants in population studies. Nature, 2015, 520, E2-E3.	27.8	49
32	Convergent genetic and expression data implicate immunity in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 658-671.	0.8	173
33	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. Nature Communications, 2014, 5, 5068.	12.8	216
34	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13790-13794.	7.1	244
35	Meta-analysis on blood transcriptomic studies identifies consistently coexpressed protein-protein interaction modules as robust markers of human aging. Aging Cell, 2014, 13, 216-225.	6.7	42
36	Common dysregulation network in the human prefrontal cortex underlies two neurodegenerative diseases. Molecular Systems Biology, 2014, 10, 743.	7.2	182

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37	Synthesis of 53 tissue and cell line expression QTL datasets reveals master eQTLs. BMC Genomics, 2014, 15, 532.	2.8	49
38	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
39	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
40	Integrated Systems Approach Identifies Genetic Nodes and Networks in Late-Onset Alzheimer's Disease. Cell, 2013, 153, 707-720.	28.9	1,505
41	Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. American Journal of Clinical Nutrition, 2013, 97, 1395-1402.	4.7	210
42	Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. Journal of Clinical Investigation, 2013, 123, 4208-4218.	8.2	101
43	Genome-Wide Association of Pericardial Fat Identifies a Unique Locus for Ectopic Fat. PLoS Genetics, 2012, 8, e1002705.	3.5	48
44	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	21.4	1,748
45	Genetic Associations for Activated Partial Thromboplastin Time and Prothrombin Time, their Gene Expression Profiles, and Risk of Coronary Artery Disease. American Journal of Human Genetics, 2012, 91, 152-162.	6.2	85
46	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature Genetics, 2012, 44, 260-268.	21.4	303
47	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
48	The Arrestin Domain-Containing 3 Protein Regulates Body Mass and Energy Expenditure. Cell Metabolism, 2011, 14, 671-683.	16.2	108
49	Predictive Genes in Adjacent Normal Tissue Are Preferentially Altered by sCNV during Tumorigenesis in Liver Cancer and May Rate Limiting. PLoS ONE, 2011, 6, e20090.	2.5	68
50	Dissecting Cis Regulation of Gene Expression in Human Metabolic Tissues. PLoS ONE, 2011, 6, e23480.	2.5	10
51	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	2.9	168
52	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011.	21.4	403
53	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	21.4	445
54	The effect of food intake on gene expression in human peripheral blood. Human Molecular Genetics, 2010, 19, 159-169.	2.9	44

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55	Characterizing Dynamic Changes in the Human Blood Transcriptional Network. PLoS Computational Biology, 2010, 6, e1000671.	3.2	54
56	Diurnal variation of the human adipose transcriptome and the link to metabolic disease. BMC Medical Genomics, 2009, 2, 7.	1.5	93
57	Variations in DNA elucidate molecular networks that cause disease. Nature, 2008, 452, 429-435.	27.8	840
58	Genetics of gene expression and its effect on disease. Nature, 2008, 452, 423-428.	27.8	1,209
59	On the Replication of Genetic Associations: Timing Can Be Everything!. American Journal of Human Genetics, 2008, 82, 849-858.	6.2	130
60	The Association of a SNP Upstream of INSIG2 with Body Mass Index is Reproduced in Several but Not All Cohorts. PLoS Genetics, 2007, 3, e61.	3.5	134
61	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. Nature Genetics, 2007, 39, 218-225.	21.4	485
62	A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. Nature Genetics, 2007, 39, 770-775.	21.4	966
63	Variant of transcription factor 7-like 2 (TCF7L2) gene confers risk of type 2 diabetes. Nature Genetics, 2006, 38, 320-323.	21.4	2,005
64	Localization of a Susceptibility Gene for Type 2 Diabetes to Chromosome 5q34-q35.2. American Journal of Human Genetics, 2003, 73, 323-335.	6.2	177
65	Hexosamines and Nutrient Excess Induce Leptin Production and Leptin Receptor Activation in Pancreatic Islets and Clonal β -Cells. Endocrinology, 2001, 142, 4414-4419.	2.8	17
66	Fetal pancreatic islets express functional leptin receptors and leptin stimulates proliferation of fetal islet cells. International Journal of Obesity, 2000, 24, 1246-1253.	3.4	53
67	The effects of rexinoids and rosiglitazone on body weight and uncoupling protein isoform expression in the Zucker fa/fa rat. Metabolism: Clinical and Experimental, 2000, 49, 1610-1615.	3.4	51
68	Leptin signalling in pancreatic islets and clonal insulin-secreting cells. Journal of Molecular Endocrinology, 1999, 22, 173-184.	2.5	56
69	Interleukin-1 β activates a short STAT-3 isoform in clonal insulin-secreting cells. FEBS Letters, 1999, 442, 57-60.	2.8	18
70	Leptin treatment increases suppressors of cytokine signaling in central and peripheral tissues. FEBS Letters, 1999, 455, 170-174.	2.8	80
71	The Effects of the β -Adrenoceptor Agonist BRL 35135 on UCP Isoform mRNA Expression. Biochemical and Biophysical Research Communications, 1998, 252, 450-454.	2.1	45
72	Leptin Action in Intestinal Cells. Journal of Biological Chemistry, 1998, 273, 26194-26201.	3.4	204

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73	Peripheral metabolic actions of leptin. Proceedings of the Nutrition Society, 1998, 57, 449-453.	1.0	18
74	Leptin Inhibits Insulin Secretion and Reduces Insulin mRNA Levels in Rat Isolated Pancreatic Islets. Biochemical and Biophysical Research Communications, 1997, 238, 267-270.	2.1	115
75	Rat Insulinoma-Derived Pancreatic β^2 -cells Express a Functional Leptin Receptor That Mediates a Proliferative Response. Biochemical and Biophysical Research Communications, 1997, 238, 851-855.	2.1	65
76	Leptin inhibits glycogen synthesis in the isolated soleus muscle of obese (ob/ob) mice. FEBS Letters, 1997, 411, 351-355.	2.8	72
77	Human cystatin C expression and regulation by TGF- β 1: Implications for the pathogenesis of hereditary cystatin C amyloid angiopathy causing brain hemorrhage. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 1996, 3, 110-118.	3.0	6
78	Factor for Inversion Stimulation-dependent Growth Rate Regulation of Serine and Threonine tRNA Species. Journal of Biological Chemistry, 1995, 270, 16610-16614.	3.4	20
79	Growth-rate-dependent Accumulation of Twelve tRNA Species in Escherichia coli. Journal of Molecular Biology, 1993, 230, 483-491.	4.2	59
80	Thiolation of transfer RNA in Escherichia coli varies with growth rate. Nucleic Acids Research, 1992, 20, 4499-4505.	14.5	43
81	Growth rate dependence of global amino acid composition. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1050, 248-251.	2.4	6