

Rafn Benediktsson

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

20,466
citations

70961

41
h-index

66788

78
g-index

88
all docs

88
docs citations

88
times ranked

24693
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Loss-of-Function Variants in the Tumor-Suppressor Gene <i>PTPN14</i> Confer Increased Cancer Risk. <i>Cancer Research</i> , 2021, 81, 1954-1964. | 0.4 | 15 |
| 2 | Distinction between the effects of parental and fetal genomes on fetal growth. <i>Nature Genetics</i> , 2021, 53, 1135-1142. | 9.4 | 41 |
| 3 | FLT3 stop mutation increases FLT3 ligand level and risk of autoimmune thyroid disease. <i>Nature</i> , 2020, 584, 619-623. | 13.7 | 81 |
| 4 | A PRPH splice-donor variant associates with reduced sural nerve amplitude and risk of peripheral neuropathy. <i>Nature Communications</i> , 2019, 10, 1777. | 5.8 | 7 |
| 5 | The number of adults with incident type 1 diabetes phenotype in Iceland is half the number in children – A population based study. <i>Diabetes Research and Clinical Practice</i> , 2019, 151, 224-230. | 1.1 | 4 |
| 6 | GWAS of bone size yields twelve loci that also affect height, BMD, osteoarthritis or fractures. <i>Nature Communications</i> , 2019, 10, 2054. | 5.8 | 74 |
| 7 | Lipoprotein(a) Concentration and Risks of Cardiovascular Disease and Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2982-2994. | 1.2 | 127 |
| 8 | Sequence variants associating with urinary biomarkers. <i>Human Molecular Genetics</i> , 2019, 28, 1199-1211. | 1.4 | 28 |
| 9 | An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902. | 0.3 | 615 |
| 10 | Fourteen sequence variants that associate with multiple sclerosis discovered by meta-analysis informed by genetic correlations. <i>Npj Genomic Medicine</i> , 2017, 2, 24. | 1.7 | 16 |
| 11 | Effect of sequence variants on variance in glucose levels predicts type 2 diabetes risk and accounts for heritability. <i>Nature Genetics</i> , 2017, 49, 1398-1402. | 9.4 | 20 |
| 12 | The epidemiology of pituitary adenomas in Iceland, 1955–2012: a nationwide population-based study. <i>European Journal of Endocrinology</i> , 2015, 173, 655-664. | 1.9 | 255 |
| 13 | Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425. | 9.4 | 365 |
| 14 | HbA1c 7% verður 53 mmol/mol eining frá 1. mars 2015. <i>Laeknabladid</i> , 2015, 2015, 95-95. | 0.0 | 0 |
| 15 | Meta-Analysis of Genome-Wide Association Studies in African Americans Provides Insights into the Genetic Architecture of Type 2 Diabetes. <i>PLoS Genetics</i> , 2014, 10, e1004517. | 1.5 | 191 |
| 16 | Identification of low-frequency and rare sequence variants associated with elevated or reduced risk of type 2 diabetes. <i>Nature Genetics</i> , 2014, 46, 294-298. | 9.4 | 294 |
| 17 | Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. <i>Cell</i> , 2014, 156, 343-358. | 13.5 | 113 |
| 18 | Adipose Tissue, Muscle, and Function: Potential Mediators of Associations Between Body Weight and Mortality in Older Adults With Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 3213-3219. | 4.3 | 46 |

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|----|--|------|-----------|
| 19 | Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244. | 9.4 | 959 |
| 20 | Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. <i>Nature Genetics</i> , 2014, 46, 357-363. | 9.4 | 428 |
| 21 | Similar decline in mortality rate of older persons with and without type 2 diabetes between 1993 and 2004 the Icelandic population-based Reykjavik and AGES-Reykjavik cohort studies. <i>BMC Public Health</i> , 2013, 13, 36. | 1.2 | 21 |
| 22 | Stratifying Type 2 Diabetes Cases by BMI Identifies Genetic Risk Variants in LAMA1 and Enrichment for Risk Variants in Lean Compared to Obese Cases. <i>PLoS Genetics</i> , 2012, 8, e1002741. | 1.5 | 190 |
| 23 | Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607. | 1.5 | 419 |
| 24 | Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 981-990. | 9.4 | 1,748 |
| 25 | A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202. | 1.1 | 197 |
| 26 | Retinopathy in old persons with and without diabetes mellitus: the Age, Gene/Environment Susceptibilityâ€”Reykjavik Study (AGES-R). <i>Diabetologia</i> , 2012, 55, 671-680. | 2.9 | 37 |
| 27 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138. | 9.4 | 501 |
| 28 | Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634. | 0.3 | 335 |
| 29 | Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. <i>PLoS Genetics</i> , 2011, 7, e1001324. | 1.5 | 796 |
| 30 | Abdominal Aortic Aneurysm Is Associated with a Variant in Low-Density Lipoprotein Receptor-Related Protein 1. <i>American Journal of Human Genetics</i> , 2011, 89, 619-627. | 2.6 | 185 |
| 31 | Effects of statin medication on mortality risk associated with type 2 diabetes in older persons: the population-based AGES-Reykjavik Study. <i>BMJ Open</i> , 2011, 1, e000132-e000132. | 0.8 | 39 |
| 32 | Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589. | 9.4 | 1,631 |
| 33 | New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116. | 9.4 | 1,982 |
| 34 | Unfavourable risk factors for type 2 diabetes mellitus are already apparent more than a decade before onset in a population-based study of older persons: from the Age, Gene/Environment Susceptibilityâ€”Reykjavik Study (AGES-Reykjavik). <i>European Journal of Epidemiology</i> , 2009, 24, 307-314. | 2.5 | 20 |
| 35 | Instruments to tailor care of people with type 2 diabetes. <i>Journal of Advanced Nursing</i> , 2009, 65, 2118-2130. | 1.5 | 35 |
| 36 | Parental origin of sequence variants associated with complex diseases. <i>Nature</i> , 2009, 462, 868-874. | 13.7 | 521 |

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|----|---|-----|-----------|
| 37 | The same sequence variant on 9p21 associates with myocardial infarction, abdominal aortic aneurysm and intracranial aneurysm. <i>Nature Genetics</i> , 2008, 40, 217-224. | 9.4 | 668 |
| 38 | Reliability and validity of the Icelandic version of the problem area in diabetes (PAID) scale. <i>International Journal of Nursing Studies</i> , 2008, 45, 526-533. | 2.5 | 35 |
| 39 | Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. <i>Nature Genetics</i> , 2007, 39, 218-225. | 9.4 | 485 |
| 40 | A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. <i>Nature Genetics</i> , 2007, 39, 770-775. | 9.4 | 966 |
| 41 | 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, 977-983. | 9.4 | 670 |
| 42 | Infant feeding patterns and midlife erythrocyte sedimentation rate. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 852-856. | 0.7 | 5 |
| 43 | Outcomes of educational interventions in type 2 diabetes: WEKA data-mining analysis. <i>Patient Education and Counseling</i> , 2007, 67, 21-31. | 1.0 | 73 |
| 44 | Variant of transcription factor 7-like 2 (TCF7L2) gene confers risk of type 2 diabetes. <i>Nature Genetics</i> , 2006, 38, 320-323. | 9.4 | 2,005 |
| 45 | Maximizing the benefit of treatment in mild hypertension: three simple steps to improve diagnostic accuracy. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2004, 97, 15-20. | 0.2 | 14 |
| 46 | Association between size at birth, truncal fat and obesity in adult life and its contribution to blood pressure and coronary heart disease; study in a high birth weight population. <i>European Journal of Clinical Nutrition</i> , 2004, 58, 812-818. | 1.3 | 33 |
| 47 | Localization of a Susceptibility Gene for Type 2 Diabetes to Chromosome 5q34-q35.2. <i>American Journal of Human Genetics</i> , 2003, 73, 323-335. | 2.6 | 177 |
| 48 | Reply to ND Willows and K Gray-Donald. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 1529-1530. | 2.2 | 1 |
| 49 | Relationship between size at birth and hypertension in a genetically homogenous population of high birth weight. <i>Journal of Hypertension</i> , 2002, 20, 623-628. | 0.3 | 35 |
| 50 | Size at birth and coronary artery disease in a population with high birth weight. <i>American Journal of Clinical Nutrition</i> , 2002, 76, 1290-1294. | 2.2 | 58 |
| 51 | Size at birth and glucose intolerance in a relatively genetically homogeneous, high birth weight population. <i>American Journal of Clinical Nutrition</i> , 2002, 76, 399-403. | 2.2 | 42 |
| 52 | Transfer and Metabolism of Prostaglandin E ₂ in the Dual Perfused Human Placenta. <i>Placenta</i> , 2000, 21, 109-114. | 0.7 | 5 |
| 53 | Understanding human parturition. <i>Lancet, The</i> , 1998, 351, 913-914. | 6.3 | 8 |
| 54 | Tissue-Specific Messenger Ribonucleic Acid Expression of 11 β -Hydroxysteroid Dehydrogenase Types 1 and 2 and the Glucocorticoid Receptor within Rat Placenta Suggests Exquisite Local Control of Glucocorticoid Action. <i>Endocrinology</i> , 1998, 139, 1517-1523. | 1.4 | 102 |

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|----|--|-----|-----------|
| 55 | Management of the unexpected result: compensated hypothyroidism.. Postgraduate Medical Journal, 1998, 74, 729-732. | 0.9 | 11 |
| 56 | Lack of effect of nicotine or ethanol on the activity of 11 β -hydroxysteroid dehydrogenase type 2. Journal of Steroid Biochemistry and Molecular Biology, 1997, 63, 303-307. | 1.2 | 8 |
| 57 | Placental 11 β -hydroxysteroid dehydrogenase: a key regulator of fetal glucocorticoid exposure. Clinical Endocrinology, 1997, 46, 161-166. | 1.2 | 474 |
| 58 | 11 β -Hydroxysteroid dehydrogenases: Key enzymes in determining tissue-specific glucocorticoid effects. Steroids, 1996, 61, 263-269. | 0.8 | 155 |
| 59 | Protein intake in pregnancy, placental glucocorticoid metabolism and the programming of hypertension in the rat. Placenta, 1996, 17, 169-172. | 0.7 | 393 |
| 60 | Essential hypertension : Should we operate?. Clinical Endocrinology, 1996, 44, 611-612. | 1.2 | 0 |
| 61 | 11beta-Hydroxysteroid dehydrogenase type 2 in the rat corpus luteum: induction of messenger ribonucleic acid expression and bioactivity coincident with luteal regression.. Endocrinology, 1996, 137, 5386-5391. | 1.4 | 31 |
| 62 | 11 beta-Hydroxysteroid dehydrogenases: tissue-specific dictators of glucocorticoid action. Essays in Biochemistry, 1996, 31, 23-36. | 2.1 | 8 |
| 63 | Cellular selectivity of aldosterone action: role of 11 beta-hydroxysteroid dehydrogenase. Current Opinion in Nephrology and Hypertension, 1995, 4, 41-46. | 1.0 | 7 |
| 64 | Fetal osteocalcin levels are related to placental 11 β -hydroxysteroid dehydrogenase activity in humans. Clinical Endocrinology, 1995, 42, 551-555. | 1.2 | 30 |
| 65 | Placental 11 β -hydroxysteroid dehydrogenase and the programming of hypertension. Journal of Steroid Biochemistry and Molecular Biology, 1995, 55, 447-455. | 1.2 | 91 |
| 66 | Ambulatory blood pressure monitoring: from research to clinical practice. Journal of Human Hypertension, 1995, 9, 413-6. | 1.0 | 7 |
| 67 | Congenital and acquired syndromes of apparent mineralocorticoid excess. Journal of Steroid Biochemistry and Molecular Biology, 1993, 45, 1-5. | 1.2 | 44 |
| 68 | Dysfunction of placental glucocorticoid barrier: link between fetal environment and adult hypertension?. Lancet, The, 1993, 341, 355-357. | 6.3 | 548 |
| 69 | Glucocorticoid exposure in utero: new model for adult hypertension. Lancet, The, 1993, 341, 339-341. | 6.3 | 822 |
| 70 | 11 β -Hydroxysteroid dehydrogenase in the rat ovary: high expression in the oocyte. Journal of Endocrinology, 1992, 135, 53-NP. | 1.2 | 46 |
| 71 | 13 Dexamethasone treatment of pregnant rats leads to raised blood pressure in the offspring. Journal of Hypertension, 1992, 10, 1431-1432. | 0.3 | 0 |
| 72 | 18 Blood pressure and birth weight: is fetal glucocorticoid exposure the missing link?. Journal of Hypertension, 1992, 10, 1434. | 0.3 | 0 |

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|----|---|-----|-----------|
| 73 | Liquorice. Lancet, The, 1991, 337, 1549. | 6.3 | 14 |
| 74 | Natural history of chronic left ventricular aneurysm; A population based cohort study. Journal of Clinical Epidemiology, 1991, 44, 1131-1139. | 2.4 | 8 |