# Taru Tukiainen

List of Publications by Year
in descending order



| 27 | 18,586 | 304743 22 | 526287 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 31 | 31 | 31 | 45689 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Analysis of protein-coding genetic variation in 60,706 humans. Nature, 2016, 536, 285-291. | 27.8 | 9,051 |
| 2 | The Genotype-Tissue Expression (GTEx) pilot analysis: Multitissue gene regulation in humans. Science, 2015, 348, 648-660. | 12.6 | 4,659 |
| 3 | Landscape of X chromosome inactivation across human tissues. Nature, 2017, 550, 244-248. | 27.8 | 764 |
| 4 | Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. Nature Communications, 2016, 7, 11122. | 12.8 | 576 |
| 5 | The transcriptional landscape of age in human peripheral blood. Nature Communications, 2015, 6, 8570. | 12.8 | 533 |
| 6 | Genome-wide association study identifies multiple loci influencing human serum metabolite levels. Nature Genetics, 2012, 44, 269-276. | 21.4 | 516 |
| 7 | Improving genetic diagnosis in Mendelian disease with transcriptome sequencing. Science Translational Medicine, 2017, 9, . | 12.4 | 516 |
| 8 | High-throughput serum NMR metabonomics for cost-effective holistic studies on systemic metabolism. Analyst, The, 2009, 134, 1781. | 3.5 | 491 |
| 9 | Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. PLoS Genetics, 2014, 10, e1004494. | 3.5 | 351 |
| 10 | Effect of predicted protein-truncating genetic variants on the human transcriptome. Science, 2015, 348, 666-669. | 12.6 | 252 |
| 11 | The landscape of genomic imprinting across diverse adult human tissues. Genome Research, 2015, 25, 927-936. | 5.5 | 216 |
| 12 | Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. Journal of Hepatology, 2017, 67, 128-136. | 3.7 | 97 |
| 13 | Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. Human Molecular Genetics, 2012, 21, 1444-1455. | 2.9 | 89 |
| 14 | Hydroxysteroid 17-Î² dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. JCI Insight, 2020, 5, . | 5.0 | 62 |
| 15 | Chromosome X-Wide Association Study Identifies Loci for Fasting Insulin and Height and Evidence for Incomplete Dosage Compensation. PLoS Genetics, 2014, 10, e1004127. | 3.5 | 61 |
| 16 | Polygenic Hyperlipidemias and Coronary Artery Disease Risk. Circulation Genomic and Precision Medicine, 2020, 13, e002725. | 3.6 | 60 |
| 17 | A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032. | 0.6 | 47 |
| 18 | Variants in the Oxidoreductase PYROXD1 Cause Early-Onset Myopathy with Internalized Nuclei and Myofibrillar Disorganization. American Journal of Human Genetics, 2016, 99, 1086-1105. | 6.2 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Analysis of theACTN3heterozygous genotype suggests that Î±-actinin-3 controls sarcomeric composition and muscle function in a dose-dependent fashion. Human Molecular Genetics, 2016, 25, 866-877. | 2.9 | 35 |
| 20 | A recurrent COL6A1 pseudoexon insertion causes muscular dystrophy and is effectively targeted by splice-correction therapies. JCI Insight, 2019, 4, . | 5.0 | 33 |
| 21 | Molecular pathways behind acquired obesity: Adipose tissue and skeletal muscle multiomics in monozygotic twin pairs discordant for BMI. Cell Reports Medicine, 2021, 2, 100226. | 6.5 | 31 |
| 22 | No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. Scientific Reports, 2016, 6, 35278. | 3.3 | 25 |
| 23 | WGS and RNA Studies Diagnose Noncoding DMD Variants in Males With High Creatine Kinase. Neurology: Genetics, 2021, 7, e554. | 1.9 | 21 |
| 24 | Effect of Insulin Resistance on Monounsaturated Fatty Acid Levels: A Multi-cohort Non-targeted Metabolomics and Mendelian Randomization Study. PLoS Genetics, 2016, 12, e1006379. | 3.5 | 20 |
| 25 | High-resolution population-specific recombination rates and their effect on phasing and genotype imputation. European Journal of Human Genetics, 2021, 29, 615-624. | 2.8 | 17 |
| 26 | LIN28B affects gene expression at the hypothalamic-pituitary axis and serum testosterone levels. Scientific Reports, 2019, 9, 18060. | 3.3 | 5 |
| 27 | Transient modification of lin28b expression - permanent effects on zebrafish growth. Molecular and Cellular Endocrinology, 2019, 479, 61-70. | 3.2 | 4 |