

# Tianyuan Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5107424/publications.pdf>

Version: 2024-02-01

25  
papers

293  
citations

1039406

9  
h-index

996533

15  
g-index

32  
all docs

32  
docs citations

32  
times ranked

301  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | H3K27M in Gliomas Causes a One-Step Decrease in H3K27 Methylation and Reduced Spreading within the Constraints of H3K36 Methylation. <i>Cell Reports</i> , 2020, 33, 108390.   | 2.9 | 50        |
| 2  | Individuals with common diseases but with a low polygenic risk score could be prioritized for rare variant screening. <i>Genetics in Medicine</i> , 2021, 23, 508-515.   | 1.1 | 39        |
| 3  | Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. <i>Genome Medicine</i> , 2021, 13, 16.   | 3.6 | 35        |
| 4  | Reshuffling of the ancestral core-eudicot genome shaped chromatin topology and epigenetic modification in <i>Panax</i> . <i>Nature Communications</i> , 2022, 13, 1902.  | 5.8 | 30        |
| 5  | Polygenic risk for coronary heart disease acts through atherosclerosis in type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2020, 19, 12.   | 2.7 | 23        |
| 6  | Whole-genome bisulfite sequencing in systemic sclerosis provides novel targets to understand disease pathogenesis. <i>BMC Medical Genomics</i> , 2019, 12, 144.  | 0.7 | 22        |
| 7  | Investigating transcriptome-wide sex dimorphism by multi-level analysis of single-cell RNA sequencing data in ten mouse cell types. <i>Biology of Sex Differences</i> , 2020, 11, 61.  | 1.8 | 19        |
| 8  | A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1918-1928.   | 1.8 | 19        |
| 9  | Polygenic risk score as a possible tool for identifying familial monogenic causes of complex diseases. <i>Genetics in Medicine</i> , 2022, 24, 1545-1555.  | 1.1 | 12        |
| 10 | Rapid Divergence Followed by Adaptation to Contrasting Ecological Niches of Two Closely Related Columbine Species <i>Aquilegia japonica</i> and <i>A. oxysepala</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 919-930. | 1.1 | 7         |
| 11 | Capturing additional genetic risk from family history for improved polygenic risk prediction. <i>Communications Biology</i> , 2022, 5, .   | 2.0 | 6         |
| 12 | Simultaneous SNP selection and adjustment for population structure in high dimensional prediction models. <i>PLoS Genetics</i> , 2020, 16, e1008766.   | 1.5 | 5         |
| 13 | Detecting cord blood cell type-specific epigenetic associations with gestational diabetes mellitus and early childhood growth. <i>Clinical Epigenetics</i> , 2021, 13, 131.  | 1.8 | 5         |
| 14 | Block coordinate descent algorithm improves variable selection and estimation in error-in-variables regression. <i>Genetic Epidemiology</i> , 2021, 45, 874-890.   | 0.6 | 5         |
| 15 | Identifying Causes of Fracture Beyond Bone Mineral Density: Evidence From Human Genetics. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1592-1602.   | 3.1 | 5         |
| 16 | Evolutionary Contribution of Duplicated Genes to Genome Evolution in the Ginseng Species Complex. <i>Genome Biology and Evolution</i> , 2021, 13, .  | 1.1 | 4         |
| 17 | Indirect effect inference and application to GAW20 data. <i>BMC Genetics</i> , 2018, 19, 67.   | 2.7 | 3         |
| 18 | Take a Step Down and Beware of H3K36me2: The H3K27m Mutation in Glioma Directs H3K27 Methylation. <i>SSRN Electronic Journal</i> , 0, , .  | 0.4 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 20 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 21 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 22 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 23 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 24 | Title is missing!. , 2020, 16, e1008766.   |     | 0         |
| 25 | Genetic and Epigenetic Signatures Associated with the Divergence of Aquilegia Species. Genes, 2022, 13, 793. | 1.0 | 0         |