

# Hagen U Tilgner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5773696/publications.pdf>

Version: 2024-02-01

15  
papers

2,357  
citations

687220

13  
h-index

940416

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3953  
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-molecule long-read survey of the human transcriptome. <i>Nature Biotechnology</i> , 2013, 31, 1009-1014.	9.4	600
2	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	3.8	518
3	Defining a personal, allele-specific, and single-molecule long-read transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9869-9874.	3.3	259
4	Single-cell isoform RNA sequencing characterizes isoforms in thousands of cerebellar cells. <i>Nature Biotechnology</i> , 2018, 36, 1197-1202.	9.4	253
5	Comprehensive transcriptome analysis using synthetic long-read sequencing reveals molecular co-association of distant splicing events. <i>Nature Biotechnology</i> , 2015, 33, 736-742.	9.4	205
6	A spatially resolved brain region- and cell type-specific isoform atlas of the postnatal mouse brain. <i>Nature Communications</i> , 2021, 12, 463.	5.8	109
7	Microfluidic isoform sequencing shows widespread splicing coordination in the human transcriptome. <i>Genome Research</i> , 2018, 28, 231-242.	2.4	64
8	Accurate Identification and Analysis of Human mRNA Isoforms Using Deep Long Read Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 387-397.	0.8	59
9	Schizophrenia is defined by cell-specific neuropathology and multiple neurodevelopmental mechanisms in patient-derived cerebral organoids. <i>Molecular Psychiatry</i> , 2022, 27, 1416-1434.	4.1	57
10	Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. <i>Nature Biotechnology</i> , 2022, 40, 1082-1092.	9.4	52
11	Mapping genetic variations to three-dimensional protein structures to enhance variant interpretation: a proposed framework. <i>Genome Medicine</i> , 2017, 9, 113.	3.6	47
12	Getting the Entire Message: Progress in Isoform Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 709.	1.1	39
13	Targeted, High-Resolution RNA Sequencing of Non-coding Genomic Regions Associated With Neuropsychiatric Functions. <i>Frontiers in Genetics</i> , 2019, 10, 309.	1.1	28
14	Sequencing of individual barcoded cDNAs using Pacific Biosciences and Oxford Nanopore Technologies reveals platform-specific error patterns. <i>Genome Research</i> , 2022, 32, 726-737.	2.4	13
15	ScisorWiz: visualizing differential isoform expression in single-cell long-read data. <i>Bioinformatics</i> , 2022, 38, 3474-3476.	1.8	11