

# Rory Kirchner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9486284/publications.pdf>

Version: 2024-02-01

25  
papers

2,690  
citations

331670

21  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

6666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioconda: sustainable and comprehensive software distribution for the life sciences. <i>Nature Methods</i> , 2018, 15, 475-476.	19.0	714
2	GEMINI: Integrative Exploration of Genetic Variation and Genome Annotations. <i>PLoS Computational Biology</i> , 2013, 9, e1003153.	3.2	377
3	ALS-implicated protein TDP-43 sustains levels of STMN2, a mediator of motor neuron growth and repair. <i>Nature Neuroscience</i> , 2019, 22, 167-179.	14.8	353
4	A cell atlas of the adult <i>Drosophila</i> midgut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1514-1523.	7.1	175
5	Subcellular transcriptomes and proteomes of developing axon projections in the cerebral cortex. <i>Nature</i> , 2019, 565, 356-360.	27.8	125
6	A Family of non-GPCR Chemosensors Defines an Alternative Logic for Mammalian Olfaction. <i>Cell</i> , 2016, 165, 1734-1748.	28.9	117
7	High-throughput functional comparison of promoter and enhancer activities. <i>Genome Research</i> , 2016, 26, 1023-1033.	5.5	114
8	Hepatocyte Stress Increases Expression of Yes-Associated Protein and Transcriptional Coactivator With PDZ-Binding Motif in Hepatocytes to Promote Parenchymal Inflammation and Fibrosis. <i>Hepatology</i> , 2020, 71, 1813-1830.	7.3	93
9	Single-cell transcriptomics of the developing lateral geniculate nucleus reveals insights into circuit assembly and refinement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1051-E1060.	7.1	66
10	A Diencephalic Dopamine Source Provides Input to the Superior Colliculus, where D1 and D2 Receptors Segregate to Distinct Functional Zones. <i>Cell Reports</i> , 2015, 13, 1003-1015.	6.4	58
11	edgeRun: an R package for sensitive, functionally relevant differential expression discovery using an unconditional exact test. <i>Bioinformatics</i> , 2015, 31, 2589-2590.	4.1	53
12	Sequencing of Captive Target Transcripts Identifies the Network of Regulated Genes and Functions of Primate-Specific miR-522. <i>Cell Reports</i> , 2014, 8, 1225-1239.	6.4	50
13	Whole-genome sequencing reveals new Alzheimer's disease-associated rare variants in loci related to synaptic function and neuronal development. <i>Alzheimer's and Dementia</i> , 2021, 17, 1509-1527.	0.8	50
14	HIV Integration Site Analysis of Cellular Models of HIV Latency with a Probe-Enriched Next-Generation Sequencing Assay. <i>Journal of Virology</i> , 2016, 90, 4511-4519.	3.4	47
15	Silencing of the <i>Drosophila</i> ortholog of SOX5 leads to abnormal neuronal development and behavioral impairment. <i>Human Molecular Genetics</i> , 2017, 26, 1472-1482.	2.9	42
16	Basal-A Triple-Negative Breast Cancer Cells Selectively Rely on RNA Splicing for Survival. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2849-2861.	4.1	41
17	Transcriptional response to Wnt activation regulates the regenerative capacity of the mammalian cochlea. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	36
18	An RNA-binding Protein, Lin28, Recognizes and Remodels G-quartets in the MicroRNAs (miRNAs) and mRNAs It Regulates. <i>Journal of Biological Chemistry</i> , 2015, 290, 17909-17922.	3.4	32

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19	<i>In Vitro</i> Effects of Lead on Gene Expression in Neural Stem Cells and Associations between Up-regulated Genes and Cognitive Scores in Children. <i>Environmental Health Perspectives</i> , 2017, 125, 721-729.	6.0	32
20	Identification of Novel Alzheimer's Disease Loci Using Sex-Specific Family-Based Association Analysis of Whole-Genome Sequence Data. <i>Scientific Reports</i> , 2020, 10, 5029.	3.3	31
21	Herpesviral lytic gene functions render the viral genome susceptible to novel editing by CRISPR/Cas9. <i>ELife</i> , 2019, 8, .	6.0	30
22	$\text{A}\beta^2$ -accelerated neurodegeneration caused by Alzheimer's-associated ACE variant R1279Q is rescued by angiotensin system inhibition in mice. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	22
23	bcbioRNASeq: R package for bcbio RNA-seq analysis. <i>F1000Research</i> , 0, 6, 1976.	1.6	21
24	bcbioRNASeq: R package for bcbio RNA-seq analysis. <i>F1000Research</i> , 0, 6, 1976.	1.6	6
25	Nanchangmycin regulates FYN, PTK2, and MAPK1/3 to control the fibrotic activity of human hepatic stellate cells. <i>ELife</i> , 0, 11, .	6.0	4