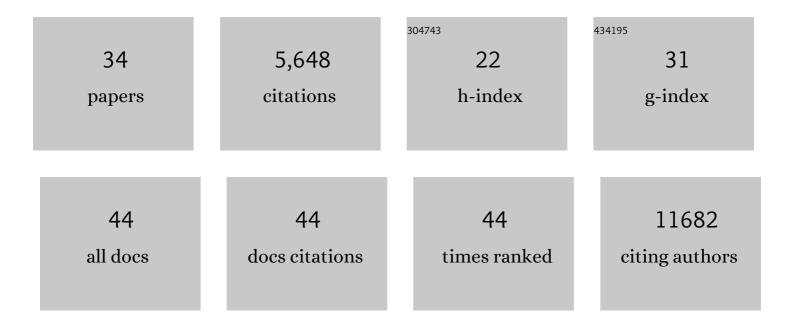
David van Dijk

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9053960/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19. Nature Communications, 2022, 13, 440.	12.8	100
2	Prdm6 controls heart development by regulating neural crest cell differentiation and migration. JCI Insight, 2022, 7, .	5.0	13
3	Single-cell multiomics reveals persistence of HIV-1 in expanded cytotoxic TÂcell clones. Immunity, 2022, 55, 1013-1031.e7.	14.3	61
4	Interspecies commensal interactions have nonlinear impacts on host immunity. Cell Host and Microbe, 2022, 30, 988-1002.e6.	11.0	23
5	Genome-wide CRISPR Screens Reveal Host Factors Critical for SARS-CoV-2 Infection. Cell, 2021, 184, 76-91.e13.	28.9	418
6	Neuroinvasion of SARS-CoV-2 in human and mouse brain. Journal of Experimental Medicine, 2021, 218, .	8.5	677
7	A neutrophil activation signature predicts critical illness and mortality in COVID-19. Blood Advances, 2021, 5, 1164-1177.	5.2	241
8	Quantifying the effect of experimental perturbations at single-cell resolution. Nature Biotechnology, 2021, 39, 619-629.	17.5	98
9	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. PLoS Biology, 2021, 19, e3001143.	5.6	180
10	A phenomapping-derived tool to personalize the selection of anatomical vs. functional testing in evaluating chest pain (ASSIST). European Heart Journal, 2021, 42, 2536-2548.	2.2	17
11	Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. Immunity, 2021, 54, 1083-1095.e7.	14.3	164
12	A method for the rational selection of drug repurposing candidates from multimodal knowledge harmonization. Scientific Reports, 2021, 11, 11049.	3.3	12
13	Generating hard-to-obtain information from easy-to-obtain information: Applications in drug discovery and clinical inference. Patterns, 2021, 2, 100288.	5.9	5
14	Development and Validation of the Quick COVID-19 Severity Index: A Prognostic Tool for Early Clinical Decompensation. Annals of Emergency Medicine, 2020, 76, 442-453.	0.6	219
15	Learning General Transformations of Data for Out-of-Sample Extensions. , 2020, 2020, .		0
16	Transcriptomic and clonal characterization of T cells in the human central nervous system. Science Immunology, 2020, 5, .	11.9	73
17	Circulating markers of angiogenesis and endotheliopathy in COVIDâ€19. Pulmonary Circulation, 2020, 10, 1-4.	1.7	103
18	Single cell immune profiling of dengue virus patients reveals intact immune responses to Zika virus with enrichment of innate immune signatures. PLoS Neglected Tropical Diseases, 2020, 14, e0008112.	3.0	20

DAVID VAN DIJK

#	Article	IF	CITATIONS
19	Uncovering axes of variation among single-cell cancer specimens. Nature Methods, 2020, 17, 302-310.	19.0	39
20	TrajectoryNet: A Dynamic Optimal Transport Network for Modeling Cellular Dynamics. Proceedings of Machine Learning Research, 2020, 119, 9526-9536.	0.3	3
21	Coarse Graining of Data via Inhomogeneous Diffusion Condensation. , 2019, 2019, 2624-2633.		9
22	Compressed Diffusion. , 2019, , .		5
23	Exploring single-cell data with deep multitasking neural networks. Nature Methods, 2019, 16, 1139-1145.	19.0	222
24	Visualizing structure and transitions in high-dimensional biological data. Nature Biotechnology, 2019, 37, 1482-1492.	17.5	597
25	Modeling Global Dynamics from Local Snapshots with Deep Generative Neural Networks. , 2019, , .		1
26	Manifold learning-based methods for analyzing single-cell RNA-sequencing data. Current Opinion in Systems Biology, 2018, 7, 36-46.	2.6	103
27	Recovering Gene Interactions from Single-Cell Data Using Data Diffusion. Cell, 2018, 174, 716-729.e27.	28.9	1,197
28	Large-scale mapping of gene regulatory logic reveals context-dependent repression by transcriptional activators. Genome Research, 2017, 27, 87-94.	5.5	28
29	PD-1 marks dysfunctional regulatory T cells in malignant gliomas. JCI Insight, 2016, 1, .	5.0	182
30	Slow-growing cells within isogenic populations have increased RNA polymerase error rates and DNA damage. Nature Communications, 2015, 6, 7972.	12.8	51
31	Noise in gene expression is coupled to growth rate. Genome Research, 2015, 25, 1893-1902.	5.5	83
32	Probing the effect of promoters on noise in gene expression using thousands of designed sequences. Genome Research, 2014, 24, 1698-1706.	5.5	118
33	Publication metrics and success on the academic job market. Current Biology, 2014, 24, R516-R517.	3.9	168
34	Promoter Sequence Determines the Relationship between Expression Level and Noise. PLoS Biology, 2013, 11, e1001528.	5.6	143