

# Maren BÄ¼ttner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5357971/publications.pdf>

Version: 2024-02-01

12  
papers

3,040  
citations

840119

11  
h-index

1125271

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion pseudotime robustly reconstructs lineage branching. <i>Nature Methods</i> , 2016, 13, 845-848.	9.0	982
2	<i>destiny</i> : diffusion maps for large-scale single-cell data in R. <i>Bioinformatics</i> , 2016, 32, 1241-1243.	1.8	518
3	Benchmarking atlas-level data integration in single-cell genomics. <i>Nature Methods</i> , 2022, 19, 41-50.	9.0	403
4	A test metric for assessing single-cell RNA-seq batch correction. <i>Nature Methods</i> , 2019, 16, 43-49.	9.0	278
5	Mapping single-cell data to reference atlases by transfer learning. <i>Nature Biotechnology</i> , 2022, 40, 121-130.	9.4	236
6	Concepts and limitations for learning developmental trajectories from single cell genomics. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	177
7	scCODA is a Bayesian model for compositional single-cell data analysis. <i>Nature Communications</i> , 2021, 12, 6876.	5.8	98
8	Non-canonical Wnt/PCP signalling regulates intestinal stem cell lineage priming towards enteroendocrine and Paneth cell fates. <i>Nature Cell Biology</i> , 2021, 23, 23-31.	4.6	46
9	Aldh1b1 expression defines progenitor cells in the adult pancreas and is required for Kras-induced pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20679-20688.	3.3	41
10	Epithelial cell plasticity drives endoderm formation during gastrulation. <i>Nature Cell Biology</i> , 2021, 23, 692-703.	4.6	41
11	CD81 marks immature and dedifferentiated pancreatic $\beta^2$ -cells. <i>Molecular Metabolism</i> , 2021, 49, 101188.	3.0	26
12	Swarm immunology: harnessing blockchain technology and artificial intelligence in human immunology. <i>Nature Reviews Immunology</i> , 2022, 22, 401-403.	10.6	4