

# Samuel Demharter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1126062/publications.pdf>

Version: 2024-02-01

17  
papers

720  
citations

1039880

9  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint analysis of heterogeneous single-cell RNA-seq dataset collections. <i>Nature Methods</i> , 2019, 16, 695-698.	9.0	219
2	Tuning Cytokine Receptor Signaling by Re-orienting Dimer Geometry with Surrogate Ligands. <i>Cell</i> , 2015, 160, 1196-1208.	13.5	138
3	Tracing the origin of adult intestinal stem cells. <i>Nature</i> , 2019, 570, 107-111.	13.7	107
4	Identification of epilepsy-associated neuronal subtypes and gene expression underlying epileptogenesis. <i>Nature Communications</i> , 2020, 11, 5038.	5.8	80
5	Current status and future challenges in T-cell receptor/peptide/MHC molecular dynamics simulations. <i>Briefings in Bioinformatics</i> , 2015, 16, 1035-1044.	3.2	45
6	Neuroserpin expression during human brain development and in adult brain revealed by immunohistochemistry and single cell <i>scRNA</i> sequencing. <i>Journal of Anatomy</i> , 2019, 235, 543-554.	0.9	28
7	Exploring peptide/MHC detachment processes using hierarchical natural move Monte Carlo. <i>Bioinformatics</i> , 2016, 32, 181-186.	1.8	21
8	Complex <i>IV</i> subunit isoform <i>COX</i> 6A2 protects fast-spiking interneurons from oxidative stress and supports their function. <i>EMBO Journal</i> , 2020, 39, e105759.	3.5	16
9	Identifying interactions in omics data for clinical biomarker discovery using symbolic regression. <i>Bioinformatics</i> , 2022, 38, 3749-3758.	1.8	16
10	A large-scale genome-wide gene expression analysis in peripheral blood identifies very few differentially expressed genes related to antidepressant treatment and response in patients with major depressive disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 1324-1332.	2.8	9
11	Modeling Functional Motions of Biological Systems by Customized Natural Moves. <i>Biophysical Journal</i> , 2016, 111, 710-721.	0.2	7
12	Ten simple rules for surviving an interdisciplinary PhD. <i>PLoS Computational Biology</i> , 2017, 13, e1005512.	1.5	7
13	Ductal keratin 15+ luminal progenitors in normal breast exhibit a basal-like breast cancer transcriptomic signature. <i>Npj Breast Cancer</i> , 2022, 8, .	2.3	7
14	<i>In silico</i> structural modeling of multiple epigenetic marks on DNA. <i>Bioinformatics</i> , 2018, 34, 41-48.	1.8	4
15	Coordinated maintenance of H3K36/K27 methylation by histone demethylases preserves germ cell identity and immortality. <i>Cell Reports</i> , 2021, 37, 110050.	2.9	4
16	HLA-DM Stabilizes the Empty MHCII Binding Groove: A Model Using Customized Natural Move Monte Carlo. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2894-2899.	2.5	1
17	F28SINGLE-CELL ENRICHMENT ANALYSIS FOR THE IDENTIFICATION OF TRAIT-RELEVANT GENES AND BRAIN CELL TYPES IN PSYCHIATRIC DISORDERS. <i>European Neuropsychopharmacology</i> , 2019, 29, S1124.	0.3	0