

# Nikolay Samusik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4099741/publications.pdf>

Version: 2024-02-01

17  
papers

3,613  
citations

623734

14  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of cell types in multiplexed in situ images by combining protein expression and spatial information using CELESTA. <i>Nature Methods</i> , 2022, 19, 759-769.	19.0	42
2	Highly multiplexed tissue imaging using repeated oligonucleotide exchange reaction. <i>European Journal of Immunology</i> , 2021, 51, 1262-1277.	2.9	53
3	CODEX multiplexed tissue imaging with DNA-conjugated antibodies. <i>Nature Protocols</i> , 2021, 16, 3802-3835.	12.0	221
4	Profiling myelodysplastic syndromes by mass cytometry demonstrates abnormal progenitor cell phenotype and differentiation. <i>Cytometry Part B - Clinical Cytometry</i> , 2020, 98, 131-145.	1.5	26
5	Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. <i>Cell</i> , 2020, 182, 1341-1359.e19.	28.9	464
6	Ultra-high throughput single-cell analysis of proteins and RNAs by split-pool synthesis. <i>Communications Biology</i> , 2020, 3, 213.	4.4	9
7	Single-cell mass cytometry reveals distinct populations of brain myeloid cells in mouse neuroinflammation and neurodegeneration models. <i>Nature Neuroscience</i> , 2018, 21, 541-551.	14.8	249
8	Commonly Occurring Cell Subsets in High-Grade Serous Ovarian Tumors Identified by Single-Cell Mass Cytometry. <i>Cell Reports</i> , 2018, 22, 1875-1888.	6.4	83
9	Deep Profiling of Mouse Splenic Architecture with CODEX Multiplexed Imaging. <i>Cell</i> , 2018, 174, 968-981.e15.	28.9	948
10	Three-dimensional intact-tissue sequencing of single-cell transcriptional states. <i>Science</i> , 2018, 361, .	12.6	890
11	Dynamics of the Bone Marrow Microenvironment during Leukemic Progression Revealed By Codex Hyper-Parameter Tissue Imaging. <i>Blood</i> , 2018, 132, 935-935.	1.4	10
12	High-resolution myogenic lineage mapping by single-cell mass cytometry. <i>Nature Cell Biology</i> , 2017, 19, 558-567.	10.3	108
13	Scalable multi-sample single-cell data analysis by Partition-Assisted Clustering and Multiple Alignments of Networks. <i>PLoS Computational Biology</i> , 2017, 13, e1005875.	3.2	18
14	Automated mapping of phenotype space with single-cell data. <i>Nature Methods</i> , 2016, 13, 493-496.	19.0	344
15	Diabetes-linked transcription factor HNF4 $\alpha$ regulates metabolism of endogenous methylarginines and $\beta$ -aminoisobutyric acid by controlling expression of alanine-glyoxylate aminotransferase 2. <i>Scientific Reports</i> , 2016, 6, 35503.	3.3	20
16	Abstract 461: Hepatic Nuclear Factor 4 Alpha as a Regulator of Alanine: Glyoxylate Aminotransferase 2 Expression and Systemic Levels of Endogenous Methylarginines. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0
17	Mass Cytometric Functional Profiling of Acute Myeloid Leukemia Defines Cell-Cycle and Immunophenotypic Properties That Correlate with Known Responses to Therapy. <i>Cancer Discovery</i> , 2015, 5, 988-1003.	9.4	93