

Nikolay Samusik

List of Publications by Year in descending order

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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 | Deep Profiling of Mouse Splenic Architecture with CODEX Multiplexed Imaging. <i>Cell</i> , 2018, 174, 968-981.e15. | 28.9 | 948 |
| 2 | Three-dimensional intact-tissue sequencing of single-cell transcriptional states. <i>Science</i> , 2018, 361, . | 12.6 | 890 |
| 3 | Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. <i>Cell</i> , 2020, 182, 1341-1359.e19. | 28.9 | 464 |
| 4 | Automated mapping of phenotype space with single-cell data. <i>Nature Methods</i> , 2016, 13, 493-496. | 19.0 | 344 |
| 5 | 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 |
| 6 | CODEX multiplexed tissue imaging with DNA-conjugated antibodies. <i>Nature Protocols</i> , 2021, 16, 3802-3835. | 12.0 | 221 |
| 7 | High-resolution myogenic lineage mapping by single-cell mass cytometry. <i>Nature Cell Biology</i> , 2017, 19, 558-567. | 10.3 | 108 |
| 8 | 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 |
| 9 | 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 |
| 10 | Highly multiplexed tissue imaging using repeated oligonucleotide exchange reaction. <i>European Journal of Immunology</i> , 2021, 51, 1262-1277. | 2.9 | 53 |
| 11 | 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 |
| 12 | 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 |
| 13 | Diabetes-linked transcription factor HNF4 α regulates metabolism of endogenous methylarginines and β^2 -aminoisobutyric acid by controlling expression of alanine-glyoxylate aminotransferase 2. <i>Scientific Reports</i> , 2016, 6, 35503. | 3.3 | 20 |
| 14 | 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 |
| 15 | 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 |
| 16 | Ultra-high throughput single-cell analysis of proteins and RNAs by split-pool synthesis. <i>Communications Biology</i> , 2020, 3, 213. | 4.4 | 9 |
| 17 | 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 |