

Wendy J Fantl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8833720/publications.pdf>

Version: 2024-02-01

13
papers

1,378
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

3241
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-based mass tag cell barcoding with a doublet-filtering scheme and single-cell deconvolution algorithm. <i>Nature Protocols</i> , 2015, 10, 316-333.	12.0	466
2	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
3	Metal-isotope-tagged monoclonal antibodies for high-dimensional mass cytometry. <i>Nature Protocols</i> , 2018, 13, 2121-2148.	12.0	171
4	High-resolution myogenic lineage mapping by single-cell mass cytometry. <i>Nature Cell Biology</i> , 2017, 19, 558-567.	10.3	108
5	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
6	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
7	Integration of mechanistic immunological knowledge into a machine learning pipeline improves predictions. <i>Nature Machine Intelligence</i> , 2020, 2, 619-628.	16.0	52
8	CellSeg: a robust, pre-trained nucleus segmentation and pixel quantification software for highly multiplexed fluorescence images. <i>BMC Bioinformatics</i> , 2022, 23, 46.	2.6	44
9	Atomic mass tag of bismuth for increasing the immunoassay multiplexing capacity of mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 1150-1163.	1.5	37
10	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
11	High-grade serous ovarian tumor cells modulate NK cell function to create an immune-tolerant microenvironment. <i>Cell Reports</i> , 2021, 36, 109632.	6.4	26
12	GateFinder: projection-based gating strategy optimization for flow and mass cytometry. <i>Bioinformatics</i> , 2018, 34, 4131-4133.	4.1	20
13	Measuring trogocytosis between ovarian tumor and natural killer cells. <i>STAR Protocols</i> , 2022, 3, 101425.	1.2	1