Jia-Ren Lin

List of Publications by Year
in descending order

41	7,412	331670 21	454955 30
papers	citations	h-index	g-index

58	58	58	14797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dissecting the multicellular ecosystem of metastatic melanoma by single-cell RNA-seq. Science, 2016, 352, 189-196.	12.6	3,421
2	A Cancer Cell Program Promotes T Cell Exclusion and Resistance to Checkpoint Blockade. Cell, 2018, 175, 984-997.e24.	28.9	892
3	Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. ELife, 2018, 7, .	6.0	474
4	Highly multiplexed imaging of single cells using a high-throughput cyclic immunofluorescence method. Nature Communications, 2015, 6, 8390.	12.8	428
5	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
6	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. Cell Systems, 2018, 6, 13-24.	6.2	327
7	A single-cell landscape of high-grade serous ovarian cancer. Nature Medicine, 2020, 26, 1271-1279.	30.7	267
8	Adaptive resistance of melanoma cells to <scp>RAF</scp> inhibition via reversible induction of a slowly dividing deâ€differentiated state. Molecular Systems Biology, 2017, 13, 905.	7.2	202
9	Cyclic Immunofluorescence (CycIF), A Highly Multiplexed Method for Singleâ€cell Imaging. Current Protocols in Chemical Biology, 2016, 8, 251-264.	1.7	142
10	Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRCA1-associated triple-negative breast cancer. Nature Cancer, 2021, 2, 66-82.	13.2	126
11	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
12	Qualifying antibodies for image-based immune profiling and multiplexed tissue imaging. Nature Protocols, 2019, 14, 2900-2930.	12.0	92
13	Multiplexed immunofluorescence reveals potential PD-1/PD-L1 pathway vulnerabilities in craniopharyngioma. Neuro-Oncology, 2018, 20, 1101-1112.	1.2	67
14	Evolution of delayed resistance to immunotherapy in a melanoma responder. Nature Medicine, 2021, 27, 985-992.	30.7	67
15	A human breast atlas integrating single-cell proteomics and transcriptomics. Developmental Cell, 2022, 57, 1400-1420.e7.	7.0	50
16	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. Scientific Data, 2019, 6, 323.	5.3	39
17	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. Nature Communications, 2019, 10, 2400.	12.8	37
18	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37

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19	Mismatch Repair Deficiency in High-Grade Meningioma: A Rare but Recurrent Event Associated With Dramatic Immune Activation and Clinical Response to PD-1 Blockade. JCO Precision Oncology, 2018, 2018, 1-12.	3.0	35
20	Temporal and spatial topography of cell proliferation in cancer. Nature Cell Biology, 2022, 24, 316-326.	10.3	34
21	Small-Molecule Screen Identifies De Novo Nucleotide Synthesis as a Vulnerability of Cells Lacking SIRT3. Cell Reports, 2018, 22, 1945-1955.	6.4	31
22	Response and Mechanisms of Resistance to Larotrectinib and Selitrectinib in Metastatic Undifferentiated Sarcoma Harboring Oncogenic Fusion of NTRK1. JCO Precision Oncology, 2020, 4, 79-90.	3.0	27
23	Determinants of drug-target interactions at the single cell level. PLoS Computational Biology, 2018, 14, e1006601.	3.2	23
24	Fibroblastâ€“tumor cell signaling limits HER2 kinase therapy response via activation of MTOR and antiapoptotic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16500-16508.	7.1	23
25	Narrative online guides for the interpretation of digital-pathology images and tissue-atlas data. Nature Biomedical Engineering, 2022, 6, 515-526.	22.5	17
26	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. PLoS Computational Biology, 2019, 15, e1007311.	3.2	15
27	HAND1 and BARX1 Act as Transcriptional and Anatomic Determinants of Malignancy in Gastrointestinal Stromal Tumor. Clinical Cancer Research, 2021, 27, 1706-1719.	7.0	14
28	Scope2Screen: Focus+Context Techniques for Pathology Tumor Assessment in Multivariate Image Data. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 259-269.	4.4	9
29	CRAN-11. MULTIPLEXED IMMUNOFLUORESCENCE REVEALS POTENTIAL PD-1/PD-L1 PATHWAY VULNERABILITIES IN CRANIOPHARYNGIOMA. Neuro-Oncology, 2018, 20, i39-i39.	1.2	2
30	Abstract 4: Temporal and spatial topography of cell proliferation in cancer. , 2021, , .		1
31	860â€…Targeting immunosuppressive macrophages overcomes PARP-inhibitor resistance in BRCA1-associated triple-negative breast cancer. , 2020, , .		1
32	Molecular characterization and management of secondary resistance to serial TRK inhibitors.. Journal of Clinical Oncology, 2019, 37, e22547-e22547.	1.6	1
33	Temporal and spatial topography of cell proliferation in cancer.. Journal of Clinical Oncology, 2021, 39, 3122-3122.	1.6	0
34	Abstract 122: Highly multiplexed, spatially-resolved tissue imaging of genetically engineered mouse models of cancer to discover and characterize immune regulators of tumorigenesis. , 2021, , .		0
35	Abstract 1816: Phenogenomic characterization of immunomodulatory purinergic signaling in glioblastoma. , 2021, , .		0
36	TAMI-45. PHENOGENOMIC CHARACTERIZATION OF IMMUNOMODULATORY PURINERGIC SIGNALING IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii222-ii223.	1.2	0

#	Article	IF	Citations
37	Abstract P2-07-13: High-dimensional, single-cell analysis and transcriptional profiling reveal novel correlatives of response to PARP inhibition plus PD-1 blockade in triple-negative breast cancer. Cancer Research, 2022, 82, P2-07-13-P2-07-13.	0.9	0
38	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
39	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
40	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
41	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0