

Jia-Ren Lin

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

7,412
citations

331670

21
h-index

454955

30
g-index

58
all docs

58
docs citations

58
times ranked

14797
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Narrative online guides for the interpretation of digital-pathology images and tissue-atlas data. Nature Biomedical Engineering, 2022, 6, 515-526.	22.5	17
3	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
4	Abstract P2-07-13: High-dimensional, single-cell analysis and transcriptional profiling reveal novel correlates 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
5	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37
6	Temporal and spatial topography of cell proliferation in cancer. Nature Cell Biology, 2022, 24, 316-326.	10.3	34
7	A human breast atlas integrating single-cell proteomics and transcriptomics. Developmental Cell, 2022, 57, 1400-1420.e7.	7.0	50
8	Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRCA1-associated triple-negative breast cancer. Nature Cancer, 2021, 2, 66-82.	13.2	126
9	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
10	Temporal and spatial topography of cell proliferation in cancer.. Journal of Clinical Oncology, 2021, 39, 3122-3122.	1.6	0
11	Evolution of delayed resistance to immunotherapy in a melanoma responder. Nature Medicine, 2021, 27, 985-992.	30.7	67
12	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
13	Abstract 4: Temporal and spatial topography of cell proliferation in cancer. , 2021, , .		1
14	Abstract 1816: Phenogenomic characterization of immunomodulatory purinergic signaling in glioblastoma. , 2021, , .		0
15	A single-cell landscape of high-grade serous ovarian cancer. Nature Medicine, 2020, 26, 1271-1279.	30.7	267
16	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
17	Response and Mechanisms of Resistance to Larotrectinib and Selitrectinib in Metastatic Undifferentiated Sarcoma Harboring Oncogenic Fusion of <i>NTRK1</i> . JCO Precision Oncology, 2020, 4, 79-90.	3.0	27
18	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334

#	ARTICLE	IF	CITATIONS
19	860â€¦Targeting immunosuppressive macrophages overcomes PARP-inhibitor resistance in BRCA1-associated triple-negative breast cancer. , 2020, , .		1
20	TAMI-45. PHENOGENOMIC CHARACTERIZATION OF IMMUNOMODULATORY PURINERGIC SIGNALING IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii222-ii223.	1.2	0
21	Qualifying antibodies for image-based immune profiling and multiplexed tissue imaging. Nature Protocols, 2019, 14, 2900-2930.	12.0	92
22	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. Nature Communications, 2019, 10, 2400.	12.8	37
23	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. Scientific Data, 2019, 6, 323.	5.3	39
24	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. PLoS Computational Biology, 2019, 15, e1007311.	3.2	15
25	Molecular characterization and management of secondary resistance to serial TRK inhibitors.. Journal of Clinical Oncology, 2019, 37, e22547-e22547.	1.6	1
26	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
27	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
28	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
29	Inferring reaction network structure from single-cell, multiplex data, using toric systems theory. , 2019, 15, e1007311.		0
30	Multiplexed immunofluorescence reveals potential PD-1/PD-L1 pathway vulnerabilities in craniopharyngioma. Neuro-Oncology, 2018, 20, 1101-1112.	1.2	67
31	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
32	Small-Molecule Screen Identifies De Novo Nucleotide Synthesis as a Vulnerability of Cells Lacking SIRT3. Cell Reports, 2018, 22, 1945-1955.	6.4	31
33	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
34	Determinants of drug-target interactions at the single cell level. PLoS Computational Biology, 2018, 14, e1006601.	3.2	23
35	A Cancer Cell Program Promotes T Cell Exclusion and Resistance to Checkpoint Blockade. Cell, 2018, 175, 984-997.e24.	28.9	892
36	Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. ELife, 2018, 7, .	6.0	474

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37	CRAN-11. MULTIPLEXED IMMUNOFLUORESCENCE REVEALS POTENTIAL PD-1/PD-L1 PATHWAY VULNERABILITIES IN CRANIOPHARYNGIOMA. <i>Neuro-Oncology</i> , 2018, 20, i39-i39.	1.2	2
38	Adaptive resistance of melanoma cells to <i>RAF</i> inhibition via reversible induction of a slowly dividing de-differentiated state. <i>Molecular Systems Biology</i> , 2017, 13, 905.	7.2	202
39	Cyclic Immunofluorescence (CyclF), A Highly Multiplexed Method for Single-cell Imaging. <i>Current Protocols in Chemical Biology</i> , 2016, 8, 251-264.	1.7	142
40	Dissecting the multicellular ecosystem of metastatic melanoma by single-cell RNA-seq. <i>Science</i> , 2016, 352, 189-196.	12.6	3,421
41	Highly multiplexed imaging of single cells using a high-throughput cyclic immunofluorescence method. <i>Nature Communications</i> , 2015, 6, 8390.	12.8	428