

Benjamin Izar

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

5,134
citations

266019

23
h-index

232741

45
g-index

101
all docs

101
docs citations

101
times ranked

14066
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNA-seq supports a developmental hierarchy in human oligodendroglioma. <i>Nature</i> , 2016, 539, 309-313.	36.2	938
2	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021, 595, 107-113.	36.2	600
3	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021, 595, 114-119.	36.2	477
4	A single-cell and single-nucleus RNA-Seq toolbox for fresh and frozen human tumors. <i>Nature Medicine</i> , 2020, 26, 792-802.	30.1	438
5	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020, 181, 236-249.	27.8	368
6	Adaptive resistance of melanoma cells to RAF inhibition via reversible induction of a slowly dividing de-differentiated state. <i>Molecular Systems Biology</i> , 2017, 13, 905.	7.5	208
7	Inhibition of acetyl- and butyryl-cholinesterase in the cerebrospinal fluid of patients with Alzheimer's disease by rivastigmine: correlation with cognitive benefit. <i>Journal of Neural Transmission</i> , 2002, 109, 1053-1065.	2.9	199
8	$\text{IFN}\beta$ -Dependent Tissue-Immune Homeostasis Is Co-opted in the Tumor Microenvironment. <i>Cell</i> , 2017, 170, 127-141.e15.	27.8	145
9	Multimodal pooled Perturb-CITE-seq screens in patient models define mechanisms of cancer immune evasion. <i>Nature Genetics</i> , 2021, 53, 332-341.	20.4	133
10	Opposing roles of hepatic stellate cell subpopulations in hepatocarcinogenesis. <i>Nature</i> , 2022, 610, 356-365.	36.2	131
11	Transcriptional mediators of treatment resistance in lethal prostate cancer. <i>Nature Medicine</i> , 2021, 27, 426-433.	30.1	104
12	Impact of financial crisis on selected health outcomes in Europe. <i>European Journal of Public Health</i> , 2014, 24, 399-403.	0.3	85
13	Dissecting the treatment-naive ecosystem of human melanoma brain metastasis. <i>Cell</i> , 2022, 185, 2591-2608.e30.	27.8	79
14	Opposing immune and genetic mechanisms shape oncogenic programs in synovial sarcoma. <i>Nature Medicine</i> , 2021, 27, 289-300.	30.1	76
15	Evolution of delayed resistance to immunotherapy in a melanoma responder. <i>Nature Medicine</i> , 2021, 27, 985-992.	30.1	72
16	Synthesis of hyperbranched poly(tert-butyl acrylate) by self-condensing atom transfer radical polymerization of a macroinimer. <i>Macromolecular Rapid Communications</i> , 2000, 21, 846-852.	4.4	62
17	Non-cell-autonomous cancer progression from chromosomal instability. <i>Nature</i> , 2023, 620, 1080-1088.	36.2	59
18	Beyond Tumor PD-L1: Emerging Genomic Biomarkers for Checkpoint Inhibitor Immunotherapy. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2020, 40, e47-e57.	4.1	31

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19	An activation to memory differentiation trajectory of tumor-infiltrating lymphocytes informs metastatic melanoma outcomes. <i>Cancer Cell</i> , 2022, 40, 524-544.e5.	16.8	31
20	Bench-scale synthesis of zeolite A from subbituminous coal ashes with high crystalline silica content. <i>Journal of Cleaner Production</i> , 2011, 19, 58-63.	9.5	30
21	Impact of Sequencing Radiation Therapy and Immune Checkpoint Inhibitors in the Treatment of Melanoma Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 157-163.	0.8	29
22	A first-in-human phase I, multicenter, open-label, dose-escalation study of the oral RAF/VEGFR2 inhibitor (RAF265) in locally advanced or metastatic melanoma independent from <i>BRCA</i> mutation status. <i>Cancer Medicine</i> , 2017, 6, 1904-1914.	2.9	25
23	An integrative pharmacogenomics analysis identifies therapeutic targets in <i>KRAS</i> -mutant lung cancer. <i>EBioMedicine</i> , 2019, 49, 106-117.	6.0	24
24	Therapeutic Effects of hiPSC-Derived Glial and Neuronal Progenitor Cells-Conditioned Medium in Experimental Ischemic Stroke in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4694.	4.2	23
25	Histone acetylation of bile acid transporter genes plays a critical role in cirrhosis. <i>Journal of Hepatology</i> , 2022, 76, 850-861.	3.9	23
26	Multimodal single-cell and whole-genome sequencing of small, frozen clinical specimens. <i>Nature Genetics</i> , 2023, 55, 19-25.	20.4	23
27	Microenvironmental Landscape of Human Melanoma Brain Metastases in Response to Immune Checkpoint Inhibition. <i>Cancer Immunology Research</i> , 2022, 10, 996-1012.	3.3	21
28	The CD58-CD2 axis is co-regulated with PD-L1 via <i>CMTM6</i> and shapes anti-tumor immunity. <i>Cancer Cell</i> , 2023, 41, 1207-1221.e12.	16.8	19
29	Contribution of <i>Trp63CreERT2</i> -labeled cells to alveolar regeneration is independent of tuft cells. <i>ELife</i> , 0, 11, .	5.9	18
30	Sustained Coevolution in a Stochastic Model of Cancer-Immune Interaction. <i>Cancer Research</i> , 2020, 80, 811-819.	0.9	12
31	Alpha-fetoprotein (AFP) as tumor marker in a patient with urothelial cancer with exceptional response to anti-PD-1 therapy and an escape lesion mimic. , 2018, 6, 89.		11
32	Risk factors for unintentional occupational injury among urban transit bus drivers: a cohort longitudinal study. <i>Annals of Epidemiology</i> , 2017, 27, 763-770.	2.1	10
33	Deep Learning-Powered Iterative Combinatorial Auctions. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 2284-2293.	5.1	8
34	Neoadjuvant durvalumab plus radiation versus durvalumab alone in stages III non-small cell lung cancer: survival outcomes and molecular correlates of a randomized phase II trial. <i>Nature Communications</i> , 2023, 14, .	13.2	7
35	An alternative method for the desulfurization of hydrocarbon fuels. <i>Mendeleev Communications</i> , 2017, 27, 104-105.	1.7	5
36	Expression of mitofusin 2 in placentae of women with gestational diabetes mellitus. <i>Journal of Genetics</i> , 2018, 97, 1289-1294.	1.3	5

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37	To Resist the Gravity of Whiteness: Communicating Racialized Suffering and Creating Paschal Community through an Analogia Vulneris. <i>Black Theology</i> , 2017, 15, 136-155.	0.4	4
38	Multi-omic profiling reveals discrepant immunogenic properties and a unique tumor microenvironment among melanoma brain metastases. <i>Npj Precision Oncology</i> , 2023, 7, .	5.5	4
39	Loss of Pip4k2c confers liver-metastatic organotropism through insulin-dependent PI3K-AKT pathway activation. <i>Nature Cancer</i> , 2024, 5, 433-447.	12.3	4
40	Transcriptome Analysis Reveals the Genes Involved in Growth and Metabolism in Muscovy Ducks. <i>BioMed Research International</i> , 2021, 2021, 1-9.	2.0	3
41	LncRNA Malat1 suppresses pyroptosis and T cell-mediated killing of incipient metastatic cells. <i>Nature Cancer</i> , 2024, 5, 262-282.	12.3	3
42	â€˜DÃ©fendre lâ€™oeuvre que nous rÃ©alisons en Afriqueâ€™: Belgian Public Diplomacy and the Global Cold War (1945â€“1966). <i>Dutch Crossing</i> , 2016, 40, 68-80.	0.4	2
43	KLRG1 marks tumor-infiltrating CD4 T cell subsets associated with tumor progression and immunotherapy response. , 2023, 11, e006782.		1
44	From patient tissue correlates to molecular mechanisms of cancer immune evasion: the emerging role of CD58 and PD-L1 co-regulation via CMTM6. <i>Genes and Immunity</i> , 2024, 25, 82-84.	4.3	1
45	SCHOOL COURSES FROM A PSYCHOLOGICAL POINT OF VIEW. <i>National Vocational Guidance Bulletin</i> , 1923, 1, 171-174.	0.0	0
46	Two-pion interferometry at small relative momentum for pion sources with transverse and longitudinal expansions in relativistic heavy ion collisions. <i>Chinese Physics B</i> , 2004, 13, 341-343.	1.3	0
47	Mesoscale observations of an extended heat burst and associated wind storm in Central Oklahoma. <i>Meteorological Applications</i> , 2012, 19, 91-110.	2.2	0
48	Pembuatan masker dan bilik disinfektan sebagai upaya membantu masyarakat terdampak covid-19. <i>JIPEMAS Jurnal Inovasi Hasil Pengabdian Masyarakat</i> , 2021, 4, 36.	0.1	0
49	Double Slag Modification Method for Reducing Slag Oxidation of IF Steel. , 2017, , .		0
50	Estrategias y redes de negociaciÃ³n del juez diputado de Trujillo, don Tiburcio de Urquiaga y Aguirre, 1780-1820. <i>Revista Del Instituto Riva-AgÃ¼ero</i> , 2019, 4, 17-65.	0.0	0
51	Filippo Giancotti (1958â€“2023). <i>Nature Cancer</i> , 2023, 4, 1401-1402.	12.3	0
52	Mapping variant effects on anti-tumor hallmarks of primary human T cells with base-editing screens. <i>Nature Biotechnology</i> , 0, , .	20.8	0
53	Single-cell profiling of sarcomas from archival tissue reveals programs associated with resistance to immune checkpoint blockade.. <i>Clinical Cancer Research</i> , 0, , .	7.2	0
54	MMOD-04 LASER INTERSTITIAL THERMAL THERAPY (LITT) AND IMMUNOTHERAPY SYNERGY FOR RECURRENT BRAIN CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Neuro-Oncology Advances</i> , 2024, 6, i16-i16.	0.7	0

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55	Micronuclear collapse from oxidative damage. Science, 2024, 385, .	20.9	0