

Brian D Brown

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

7,980
citations

117625

34
h-index

168389

53
g-index

65
all docs

65
docs citations

65
times ranked

13876
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial CRISPR genomics identifies regulators of the tumor microenvironment. <i>Cell</i> , 2022, 185, 1223-1239.e20.	28.9	79
2	Neoadjuvant clinical trials provide a window of opportunity for cancer drug discovery. <i>Nature Medicine</i> , 2022, 28, 626-629.	30.7	12
3	In Vivo miRNA Decoy Screen Reveals miR-124a as a Suppressor of Melanoma Metastasis. <i>Frontiers in Oncology</i> , 2022, 12, 852952.	2.8	2
4	Exploiting Allosteric Properties of RAF and MEK Inhibitors to Target Therapy-Resistant Tumors Driven by Oncogenic BRAF Signaling. <i>Cancer Discovery</i> , 2021, 11, 1716-1735.	9.4	30
5	BRAFV600E-induced senescence drives Langerhans cell histiocytosis pathophysiology. <i>Nature Medicine</i> , 2021, 27, 851-861.	30.7	38
6	Tissue-resident macrophages provide a pro-tumorigenic niche to early NSCLC cells. <i>Nature</i> , 2021, 595, 578-584.	27.8	284
7	A microRNA expression and regulatory element activity atlas of the mouse immune system. <i>Nature Immunology</i> , 2021, 22, 914-927.	14.5	19
8	A Critical Role for Fas-Mediated Off-Target Tumor Killing in T-cell Immunotherapy. <i>Cancer Discovery</i> , 2021, 11, 599-613.	9.4	90
9	Variable cellular responses to SARS-CoV-2 in fully vaccinated patients with multiple myeloma. <i>Cancer Cell</i> , 2021, 39, 1442-1444.	16.8	62
10	Notch orchestrates a multifaceted immune evasion program in hepatocellular carcinoma. , 2021, 9, A653-A653.		0
11	“America First” Will Destroy U.S. Science. <i>Cell</i> , 2020, 183, 841-844.	28.9	1
12	A conserved dendritic-cell regulatory program limits antitumour immunity. <i>Nature</i> , 2020, 580, 257-262.	27.8	476
13	High-complexity extracellular barcoding using a viral hemagglutinin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2767-2769.	7.1	2
14	Antitumor T-cell Homeostatic Activation Is Uncoupled from Homeostatic Inhibition by Checkpoint Blockade. <i>Cancer Discovery</i> , 2019, 9, 1520-1537.	9.4	12
15	CSF-1 controls cerebellar microglia and is required for motor function and social interaction. <i>Journal of Experimental Medicine</i> , 2019, 216, 2265-2281.	8.5	138
16	Long-term surviving influenza infected cells evade CD8+ T cell mediated clearance. <i>PLoS Pathogens</i> , 2019, 15, e1008077.	4.7	16
17	The cis-Regulatory Atlas of the Mouse Immune System. <i>Cell</i> , 2019, 176, 897-912.e20.	28.9	315
18	β-Catenin Activation Promotes Immune Escape and Resistance to Anti-PD-1 Therapy in Hepatocellular Carcinoma. <i>Cancer Discovery</i> , 2019, 9, 1124-1141.	9.4	498

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19	Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. <i>Nature Medicine</i> , 2019, 25, 814-824.	30.7	293
20	Dynamic changes in the immune infiltrate within hepatocellular carcinoma tumor correlate with response to PD-1 blockade.. <i>Journal of Clinical Oncology</i> , 2019, 37, e15644-e15644.	1.6	0
21	Quiescent Tissue Stem Cells Evade Immune Surveillance. <i>Immunity</i> , 2018, 48, 271-285.e5.	14.3	170
22	miR-25 Tough Decoy Enhances Cardiac Function in Heart Failure. <i>Molecular Therapy</i> , 2018, 26, 718-729.	8.2	35
23	Protein Barcodes Enable High-Dimensional Single-Cell CRISPR Screens. <i>Cell</i> , 2018, 175, 1141-1155.e16.	28.9	107
24	SIRT6 haploinsufficiency induces BRAFV600E melanoma cell resistance to MAPK inhibitors via IGF signalling. <i>Nature Communications</i> , 2018, 9, 3440.	12.8	80
25	miR-146a Suppresses SUMO1 Expression and Induces Cardiac Dysfunction in Maladaptive Hypertrophy. <i>Circulation Research</i> , 2018, 123, 673-685.	4.5	70
26	Natural pattern-recognition-receptor agonists as adjuvants for in situ vaccination lymphoma immunotherapy.. <i>Journal of Clinical Oncology</i> , 2018, 36, 123-123.	1.6	1
27	Developing a screening platform for genetic and small molecule targets of cancer immunotherapy.. <i>Journal of Clinical Oncology</i> , 2018, 36, 66-66.	1.6	0
28	Improving efficacy of PD-1 blockade in unresponsive lymphoma tumors with in situ vaccination through induction of a highly efficient cross-presenting dendritic cell subset.. <i>Journal of Clinical Oncology</i> , 2018, 36, 76-76.	1.6	0
29	Genomic instability during reprogramming by nuclear transfer is DNA replication dependent. <i>Nature Cell Biology</i> , 2017, 19, 282-291.	10.3	31
30	Micromanaging Tolerance in Hemophilia A Gene Therapy. <i>Molecular Therapy</i> , 2017, 25, 1739-1740.	8.2	5
31	Expansion and Activation of CD103+ Dendritic Cell Progenitors at the Tumor Site Enhances Tumor Responses to Therapeutic PD-L1 and BRAF Inhibition. <i>Immunity</i> , 2016, 44, 924-938.	14.3	857
32	Cbx8 Acts Non-canonically with Wdr5 to Promote Mammary Tumorigenesis. <i>Cell Reports</i> , 2016, 16, 472-486.	6.4	95
33	Silence of the ROS. <i>Immunity</i> , 2016, 44, 520-522.	14.3	7
34	Mapping the effects of drugs on the immune system. <i>Nature Biotechnology</i> , 2016, 34, 47-54.	17.5	78
35	Natural pattern-recognition-receptor agonists in prophylactic vaccines for in situ vaccination of lymphoma.. <i>Journal of Clinical Oncology</i> , 2016, 34, e14516-e14516.	1.6	0
36	Discovery of novel, PD-L1-independent immune checkpoints using JEDI GFP-specific CD8 T cells.. <i>Journal of Clinical Oncology</i> , 2016, 34, 3076-3076.	1.6	0

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37	MicroRNA activity profile in the ovarian cancer cell line OVCAR3 identifies a proapoptotic effect of miR-23a. <i>Advances in Genomics and Genetics</i> , 2015, , 355.	0.8	0
38	Lymphoma: Immune Evasion Strategies. <i>Cancers</i> , 2015, 7, 736-762.	3.7	35
39	Archives and citation miss equal authors. <i>Nature</i> , 2015, 528, 333-333.	27.8	2
40	A Shot in the Bone Corrects a Genetic Disease. <i>Molecular Therapy</i> , 2015, 23, 614-615.	8.2	7
41	Identification of Metastasis-Suppressive microRNAs in Primary Melanoma. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	6.3	47
42	GFP-specific CD8 T cells enable targeted cell depletion and visualization of T-cell interactions. <i>Nature Biotechnology</i> , 2015, 33, 1287-1292.	17.5	46
43	Myeloid Dysregulation in a Human Induced Pluripotent Stem Cell Model of PTPN11 -Associated Juvenile Myelomonocytic Leukemia. <i>Cell Reports</i> , 2015, 13, 504-515.	6.4	79
44	microRNA-181a has a critical role in ovarian cancer progression through the regulation of the epithelialâ€mesenchymal transition. <i>Nature Communications</i> , 2014, 5, 2977.	12.8	226
45	The miR-126â€VEGFR2 axis controls the innate response to pathogen-associated nucleic acids. <i>Nature Immunology</i> , 2014, 15, 54-62.	14.5	116
46	Hepatitis C virus genetics affects miR-122 requirements and response to miR-122 inhibitors. <i>Nature Communications</i> , 2014, 5, 5408.	12.8	66
47	TLR Signals Induce Phagosomal MHC-I Delivery from the Endosomal Recycling Compartment to Allow Cross-Presentation. <i>Cell</i> , 2014, 158, 506-521.	28.9	270
48	Stealth gene therapy. <i>Blood</i> , 2013, 121, 2168-2169.	1.4	0
49	Abstract A021: Loss-of-function screen for breast tumor initiating cells reveals PRC1 dependence. , 2013, , .		0
50	High-throughput assessment of microRNA activity and function using microRNA sensor and decoy libraries. <i>Nature Methods</i> , 2012, 9, 840-846.	19.0	379
51	Studying the mononuclear phagocyte system in the molecular age. <i>Nature Reviews Immunology</i> , 2011, 11, 788-798.	22.7	252
52	Kinetic Analysis Reveals the Fate of a MicroRNA following Target Regulation in Mammalian Cells. <i>Current Biology</i> , 2011, 21, 369-376.	3.9	206
53	Identification and remediation of biases in the activity of RNA ligases in small-RNA deep sequencing. <i>Nucleic Acids Research</i> , 2011, 39, e141-e141.	14.5	219
54	Monitoring MicroRNA Activity and Validating MicroRNA Targets by Reporter-Based Approaches. <i>Methods in Molecular Biology</i> , 2010, 667, 215-233.	0.9	24

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55	Stable knockdown of microRNA in vivo by lentiviral vectors. <i>Nature Methods</i> , 2009, 6, 63-66.	19.0	301
56	Exploiting and antagonizing microRNA regulation for therapeutic and experimental applications. <i>Nature Reviews Genetics</i> , 2009, 10, 578-585.	16.3	362
57	A microRNA-regulated lentiviral vector mediates stable correction of hemophilia B mice. <i>Blood</i> , 2007, 110, 4144-4152.	1.4	246
58	Endogenous microRNA can be broadly exploited to regulate transgene expression according to tissue, lineage and differentiation state. <i>Nature Biotechnology</i> , 2007, 25, 1457-1467.	17.5	539
59	Endogenous microRNA regulation suppresses transgene expression in hematopoietic lineages and enables stable gene transfer. <i>Nature Medicine</i> , 2006, 12, 585-591.	30.7	460
60	Helper-dependent adenoviral vectors mediate therapeutic factor VIII expression for several months with minimal accompanying toxicity in a canine model of severe hemophilia A. <i>Blood</i> , 2004, 103, 804-810.	1.4	93
61	Dangerous liaisons: the role of "danger" signals in the immune response to gene therapy. <i>Blood</i> , 2002, 100, 1133-1140.	1.4	91