Brian D Brown

List of Publications by Year
in descending order

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	Expansion and Activation of CD103+ Dendritic Cell Progenitors at the Tumor Site Enhances Tumor Responses to Therapeutic PD-L1 and BRAF Inhibition. Immunity, 2016, 44, 924-938.	14.3	857
2	Endogenous microRNA can be broadly exploited to regulate transgene expression according to tissue, lineage and differentiation state. Nature Biotechnology, 2007, 25, 1457-1467.	17.5	539
3	Î²-Catenin Activation Promotes Immune Escape and Resistance to Antiâ€“PD-1 Therapy in Hepatocellular Carcinoma. Cancer Discovery, 2019, 9, 1124-1141.	9.4	498
4	A conserved dendritic-cell regulatory program limits antitumour immunity. Nature, 2020, 580, 257-262.	27.8	476
5	Endogenous microRNA regulation suppresses transgene expression in hematopoietic lineages and enables stable gene transfer. Nature Medicine, 2006, 12, 585-591.	30.7	460
6	High-throughput assessment of microRNA activity and function using microRNA sensor and decoy libraries. Nature Methods, 2012, 9, 840-846.	19.0	379
7	Exploiting and antagonizing microRNA regulation for therapeutic and experimental applications. Nature Reviews Genetics, 2009, 10, 578-585.	16.3	362
8	The cis-Regulatory Atlas of the Mouse Immune System. Cell, 2019, 176, 897-912.e20.	28.9	315
9	Stable knockdown of microRNA in vivo by lentiviral vectors. Nature Methods, 2009, 6, 63-66.	19.0	301
10	Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. Nature Medicine, 2019, 25, 814-824.	30.7	293
11	Tissue-resident macrophages provide a pro-tumorigenic niche to early NSCLC cells. Nature, 2021, 595, 578-584.	27.8	284
12	TLR Signals Induce Phagosomal MHC-I Delivery from the Endosomal Recycling Compartment to Allow Cross-Presentation. Cell, 2014, 158, 506-521.	28.9	270
13	Studying the mononuclear phagocyte system in the molecular age. Nature Reviews Immunology, 2011, 11, 788-798.	22.7	252
14	A microRNA-regulated lentiviral vector mediates stable correction of hemophilia B mice. Blood, 2007, 110, 4144-4152.	1.4	246
15	microRNA-181a has a critical role in ovarian cancer progression through the regulation of the epithelialâ€“mesenchymal transition. Nature Communications, 2014, 5, 2977.	12.8	226
16	Identification and remediation of biases in the activity of RNA ligases in small-RNA deep sequencing. Nucleic Acids Research, 2011, 39, e141-e141.	14.5	219
17	Kinetic Analysis Reveals the Fate of a MicroRNA following Target Regulation in Mammalian Cells. Current Biology, 2011, 21, 369-376.	3.9	206
18	Quiescent Tissue Stem Cells Evade Immune Surveillance. Immunity, 2018, 48, 271-285.e5.	14.3	170

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19	CSF-1 controls cerebellar microglia and is required for motor function and social interaction. Journal of Experimental Medicine, 2019, 216, 2265-2281.	8.5	138
20	The miR-126â€“VEGFR2 axis controls the innate response to pathogen-associated nucleic acids. Nature Immunology, 2014, 15, 54-62.	14.5	116
21	Protein Barcodes Enable High-Dimensional Single-Cell CRISPR Screens. Cell, 2018, 175, 1141-1155.e16.	28.9	107
22	Cbx8 Acts Non-canonically with Wdr5 to Promote Mammary Tumorigenesis. Cell Reports, 2016, 16, 472-486.	6.4	95
23	Helper-dependent adenoviral vectors mediate therapeutic factor VIII expression for several months with minimal accompanying toxicity in a canine model of severe hemophilia A. Blood, 2004, 103, 804-810.	1.4	93
24	Dangerous liaisons: the role of â€œdangerâ€•signals in the immune response to gene therapy. Blood, 2002, 100, 1133-1140.	1.4	91
25	A Critical Role for Fas-Mediated Off-Target Tumor Killing in T-cell Immunotherapy. Cancer Discovery, 2021, 11, 599-613.	9.4	90
26	SIRT6 haploinsufficiency induces BRAFV600E melanoma cell resistance to MAPK inhibitors via IGF signalling. Nature Communications, 2018, 9, 3440.	12.8	80
27	Myeloid Dysregulation in a Human Induced Pluripotent Stem Cell Model of PTPN11 -Associated Juvenile Myelomonocytic Leukemia. Cell Reports, 2015, 13, 504-515.	6.4	79
28	Spatial CRISPR genomics identifies regulators of the tumor microenvironment. Cell, 2022, 185, 1223-1239.e20.	28.9	79
29	Mapping the effects of drugs on the immune system. Nature Biotechnology, 2016, 34, 47-54.	17.5	78
30	miR-146a Suppresses SUMO1 Expression and Induces Cardiac Dysfunction in Maladaptive Hypertrophy. Circulation Research, 2018, 123, 673-685.	4.5	70
31	Hepatitis C virus genetics affects miR-122 requirements and response to miR-122 inhibitors. Nature Communications, 2014, 5, 5408.	12.8	66
32	Variable cellular responses to SARS-CoV-2 in fully vaccinated patients with multiple myeloma. Cancer Cell, 2021, 39, 1442-1444.	16.8	62
33	Identification of Metastasis-Suppressive microRNAs in Primary Melanoma. Journal of the National Cancer Institute, 2015, 107, .	6.3	47
34	GFP-specific CD8 T cells enable targeted cell depletion and visualization of T-cell interactions. Nature Biotechnology, 2015, 33, 1287-1292.	17.5	46
35	BRAFV600E-induced senescence drives Langerhans cell histiocytosis pathophysiology. Nature Medicine, 2021, 27, 851-861.	30.7	38
36	Lymphoma: Immune Evasion Strategies. Cancers, 2015, 7, 736-762.	3.7	35

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37	miR-25 Tough Decoy Enhances Cardiac Function in Heart Failure. Molecular Therapy, 2018, 26, 718-729.	8.2	35
38	Genomic instability during reprogramming by nuclear transfer is DNA replication dependent. Nature Cell Biology, 2017, 19, 282-291.	10.3	31
39	Exploiting Allosteric Properties of RAF and MEK Inhibitors to Target Therapy-Resistant Tumors Driven by Oncogenic BRAF Signaling. Cancer Discovery, 2021, 11, 1716-1735.	9.4	30
40	Monitoring MicroRNA Activity and Validating MicroRNA Targets by Reporter-Based Approaches. Methods in Molecular Biology, 2010, 667, 215-233.	0.9	24
41	A microRNA expression and regulatory element activity atlas of the mouse immune system. Nature Immunology, 2021, 22, 914-927.	14.5	19
42	Long-term surviving influenza infected cells evade CD8+ T cell mediated clearance. PLoS Pathogens, 2019, 15, e1008077.	4.7	16
43	Antitumor T-cell Homeostatic Activation Is Uncoupled from Homeostatic Inhibition by Checkpoint Blockade. Cancer Discovery, 2019, 9, 1520-1537.	9.4	12
44	Neoadjuvant clinical trials provide a window of opportunity for cancer drug discovery. Nature Medicine, 2022, 28, 626-629.	30.7	12
45	A Shot in the Bone Corrects a Genetic Disease. Molecular Therapy, 2015, 23, 614-615.	8.2	7
46	Silence of the ROS. Immunity, 2016, 44, 520-522.	14.3	7
47	Micromanaging Tolerance in Hemophilia A Gene Therapy. Molecular Therapy, 2017, 25, 1739-1740.	8.2	5
48	Archives and citation miss equal authors. Nature, 2015, 528, 333-333.	27.8	2
49	High-complexity extracellular barcoding using a viral hemagglutinin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2767-2769.	7.1	2
50	In Vivo miRNA Decoy Screen Reveals miR-124a as a Suppressor of Melanoma Metastasis. Frontiers in Oncology, 2022, 12, 852952.	2.8	2
51	â€œAmerica Firstâ€•Will Destroy U.S. Science. Cell, 2020, 183, 841-844.	28.9	1
52	Natural pattern-recognition-receptor agonists as adjuvants for in situ vaccination lymphoma immunotherapy.. Journal of Clinical Oncology, 2018, 36, 123-123.	1.6	1
53	Stealth gene therapy. Blood, 2013, 121, 2168-2169.	1.4	0
54	MicroRNA activity profile in the ovarian cancer cell line OVCAR3 identifies a proapoptotic effect of miR-23a. Advances in Genomics and Genetics, 2015, , 355.	0.8	0

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55	Abstract A021: Loss-of-function screen for breast tumor initiating cells reveals PRC1 dependence. , 2013, , .		0
56	Natural pattern-recognition-receptor agonists in prophylactic vaccines for in situ vaccination of lymphoma.. Journal of Clinical Oncology, 2016, 34, e14516-e14516.	1.6	0
57	Discovery of novel, PD-L1-independent immune checkpoints using JEDI GFP-specific CD8 T cells.. Journal of Clinical Oncology, 2016, 34, 3076-3076.	1.6	0
58	Developing a screening platform for genetic and small molecule targets of cancer immunotherapy.. Journal of Clinical Oncology, 2018, 36, 66-66.	1.6	0
59	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.. Journal of Clinical Oncology, 2018, 36, 76-76.	1.6	0
60	Dynamic changes in the immune infiltrate within hepatocellular carcinoma tumor correlate with response to PD-1 blockade.. Journal of Clinical Oncology, 2019, 37, e15644-e15644.	1.6	0
61	623â€…Notch orchestrates a multifaceted immune evasion program in hepatocellular carcinoma. , 2021, 9, A653-A653.		0