

# Dirk Brenner

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

7,685  
citations

109321  
35  
h-index

133252  
59  
g-index

67  
all docs

67  
docs citations

67  
times ranked

15254  
citing authors

#	ARTICLE	IF	CITATIONS
1	MondoA drives malignancy in B-ALL through enhanced adaptation to metabolic stress. <i>Blood</i> , 2022, 139, 1184-1197.	1.4	7
2	DJ-1 depletion prevents immunoaging in T cell compartments. <i>EMBO Reports</i> , 2022, 23, e53302.	4.5	9
3	Unspecific CTL Killing Is Enhanced by High Glucose via TNF-Related Apoptosis-Inducing Ligand. <i>Frontiers in Immunology</i> , 2022, 13, 831680.	4.8	0
4	Glutathione-dependent redox balance characterizes the distinct metabolic properties of follicular and marginal zone B cells. <i>Nature Communications</i> , 2022, 13, 1789.	12.8	18
5	A FAsT contribution: Adipocytes rewire their metabolism to acquire immune functions. <i>Cell Metabolism</i> , 2022, 34, 656-657.	16.2	0
6	Mitochondria preserve an autarkic one-carbon cycle to confer growth-independent cancer cell migration and metastasis. <i>Nature Communications</i> , 2022, 13, 2699.	12.8	20
7	PARK7/DJ-1 promotes pyruvate dehydrogenase activity and maintains Treg homeostasis during ageing. <i>Nature Metabolism</i> , 2022, 4, 589-607.	11.9	18
8	Mesaconate is synthesized from itaconate and exerts immunomodulatory effects in macrophages. <i>Nature Metabolism</i> , 2022, 4, 524-533.	11.9	32
9	Deprivation of dietary fiber in specific-pathogen-free mice promotes susceptibility to the intestinal mucosal pathogen <i>Citrobacter rodentium</i> . <i>Gut Microbes</i> , 2021, 13, 1966263.	9.8	35
10	The emerging role of one-carbon metabolism in T cells. <i>Current Opinion in Biotechnology</i> , 2021, 68, 193-201.	6.6	14
11	Editorial overview: Intrinsically tied: metabolism and immune cell function. <i>Current Opinion in Biotechnology</i> , 2021, 68, iii-v.	6.6	0
12	High Glucose Enhances Cytotoxic T Lymphocyte-Mediated Cytotoxicity. <i>Frontiers in Immunology</i> , 2021, 12, 689337.	4.8	12
13	Fragile X mental retardation protein protects against tumour necrosis factor-mediated cell death and liver injury. <i>Gut</i> , 2020, 69, 133-145.	12.1	14
14	Regulatory T cell metabolism at the intersection between autoimmune diseases and cancer. <i>European Journal of Immunology</i> , 2020, 50, 1626-1642.	2.9	28
15	Metabolic Modulation of Immunity: A New Concept in Cancer Immunotherapy. <i>Cell Reports</i> , 2020, 32, 107848.	6.4	100
16	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. <i>Cell Metabolism</i> , 2020, 31, 920-936.e7.	16.2	109
17	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
18	Choline acetyltransferase-expressing T cells are required to control chronic viral infection. <i>Science</i> , 2019, 363, 639-644.	12.6	90

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19	Protection from EAE in DOCK8 mutant mice occurs despite increased Th17 cell frequencies in the periphery. <i>European Journal of Immunology</i> , 2019, 49, 770-781.	2.9	3
20	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. <i>Nature Communications</i> , 2019, 10, 5722.	12.8	68
21	The TNF Family of Ligands and Receptors: Communication Modules in the Immune System and Beyond. <i>Physiological Reviews</i> , 2019, 99, 115-160.	28.8	275
22	B-Cell Metabolic Remodeling and Cancer. <i>Trends in Cancer</i> , 2018, 4, 138-150.	7.4	50
23	Reactive Oxygen Species: Involvement in T Cell Signaling and Metabolism. <i>Trends in Immunology</i> , 2018, 39, 489-502.	6.8	229
24	Survival of the fittest: Cancer challenges T cell metabolism. <i>Cancer Letters</i> , 2018, 412, 216-223.	7.2	27
25	Tumor Necrosis Factor-Mediated Survival of CD169 <sup>+</sup> Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	16
26	K48-linked KLF4 ubiquitination by E3 ligase Mule controls T-cell proliferation and cell cycle progression. <i>Nature Communications</i> , 2017, 8, 14003.	12.8	25
27	Glutathione Primes T Cell Metabolism for Inflammation. <i>Immunity</i> , 2017, 46, 675-689.	14.3	318
28	RAIDD Mediates TLR3 and IRF7 Driven Type I Interferon Production. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1271-1280.	1.6	5
29	TNF and ROS Crosstalk in Inflammation. <i>Trends in Cell Biology</i> , 2016, 26, 249-261.	7.9	731
30	Antigen receptor-mediated depletion of FOXP3 in induced regulatory T-lymphocytes via PTPN2 and FOXO1. <i>Nature Communications</i> , 2015, 6, 8576.	12.8	27
31	Regulation of tumour necrosis factor signalling: live or let die. <i>Nature Reviews Immunology</i> , 2015, 15, 362-374.	22.7	761
32	Autophagy-independent functions of UVRAG are essential for peripheral naive T-cell homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1119-1124.	7.1	21
33	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. <i>Cancer Cell</i> , 2015, 27, 314.	16.8	23
34	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. <i>Cancer Cell</i> , 2015, 27, 211-222.	16.8	748
35	Deficiency of MALT1 Paracaspase Activity Results in Unbalanced Regulatory and Effector T and B Cell Responses Leading to Multiorgan Inflammation. <i>Journal of Immunology</i> , 2015, 194, 3723-3734.	0.8	123
36	Toso controls encephalitogenic immune responses by dendritic cells and regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1060-1065.	7.1	46

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37	Energy-sensitive regulation of Na <sup>+</sup> /K <sup>+</sup> -ATPase by Janus kinase 2. American Journal of Physiology - Cell Physiology, 2014, 306, C374-C384.	4.6	23
38	Reduced type I interferon production by dendritic cells and weakened antiviral immunity in patients with Wiskott-Aldrich syndrome protein deficiency. Journal of Allergy and Clinical Immunology, 2013, 131, 815-824.e2.	2.9	27
39	Cellular senescence or EGFR signaling induces Interleukin 6 (IL-6) receptor expression controlled by mammalian target of rapamycin (mTOR). Cell Cycle, 2013, 12, 3421-3432.	2.6	55
40	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Experimental Medicine, 2013, 210, 1529-1544.	8.5	239
41	IL-17A secretion by CD8+ T cells supports Th17-mediated autoimmune encephalomyelitis. Journal of Clinical Investigation, 2013, 123, 247-260.	8.2	199
42	Lymphocyte-derived ACh regulates local innate but not adaptive immunity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1410-1415.	7.1	170
43	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Cell Biology, 2013, 202, 20220IA57.	5.2	0
44	The E3 ubiquitin ligase Mule acts through the ATM-p53 axis to maintain B lymphocyte homeostasis. Journal of Experimental Medicine, 2012, 209, 173-186.	8.5	58
45	2-Methoxyestradiol inhibits experimental autoimmune encephalomyelitis through suppression of immune cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21034-21039.	7.1	45
46	IDH1(R132H) mutation increases murine haematopoietic progenitors and alters epigenetics. Nature, 2012, 488, 656-659.	27.8	474
47	The NF- $\kappa$ B regulator MALT1 determines the encephalitogenic potential of Th17 cells. Journal of Clinical Investigation, 2012, 122, 4698-4709.	8.2	106
48	Enterohaemorrhagic, but not enteropathogenic, Escherichia coli infection of epithelial cells disrupts signalling responses to tumour necrosis factor-alpha. Microbiology (United Kingdom), 2011, 157, 2963-2973.	1.8	7
49	Histone deacetylase inhibitor-induced sensitization to TNF $\alpha$ /TRAIL-mediated apoptosis in cervical carcinoma cells is dependent on HPV oncogene expression. International Journal of Cancer, 2010, 127, 1384-1392.	5.1	24
50	HUNK suppresses metastasis of basal type breast cancers by disrupting the interaction between PP2A and cofilin-1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2622-2627.	7.1	39
51	Phosphorylation of CARMA1 by HPK1 is critical for NF- $\kappa$ B activation in T cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14508-14513.	7.1	60
52	Lack of T-Cell Receptor-Induced Signaling Is Crucial for CD95 Ligand Up-regulation and Protects Cutaneous T-Cell Lymphoma Cells from Activation-Induced Cell Death. Cancer Research, 2009, 69, 4175-4183.	0.9	51
53	Mitochondrial cell death effectors. Current Opinion in Cell Biology, 2009, 21, 871-877.	5.4	347
54	Concepts of activated T cell death. Critical Reviews in Oncology/Hematology, 2008, 66, 52-64.	4.4	115

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55	Caspase-cleaved HPK1 induces CD95L-independent activation-induced cell death in T and B lymphocytes. Blood, 2007, 110, 3968-3977.	1.4	40
56	In vitro generated human memory-like T cells are CD95 type II cells and resistant towards CD95-mediated apoptosis. European Journal of Immunology, 2006, 36, 2894-2903.	2.9	13
57	How T lymphocytes switch between life and death. European Journal of Immunology, 2006, 36, 1654-1658.	2.9	94
58	The c-FLIP <sup>NH2</sup> terminus (p22-FLIP) induces NF- $\kappa$ B activation. Journal of Experimental Medicine, 2006, 203, 1295-1305.	8.5	185
59	Activation or suppression of NF- $\kappa$ B by HPK1 determines sensitivity to activation-induced cell death. EMBO Journal, 2005, 24, 4279-4290.	7.8	71
60	c-FLIPR, a New Regulator of Death Receptor-induced Apoptosis. Journal of Biological Chemistry, 2005, 280, 14507-14513.	3.4	236
61	HDAC inhibitors trigger apoptosis in HPV-positive cells by inducing the E2F <sup>p73</sup> pathway. Oncogene, 2004, 23, 4807-4817.	5.9	43
62	Hepatocyte growth factor induces Mcl-1 in primary human hepatocytes and inhibits CD95-mediated apoptosis via Akt. Hepatology, 2004, 39, 645-654.	7.3	104