

Thomas Brunner

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,338
citations

201674

27
h-index

223800

46
g-index

70
all docs

70
docs citations

70
times ranked

3419
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Epithelial Cells Synthesize Glucocorticoids and Regulate T Cell Activation. <i>Journal of Experimental Medicine</i> , 2004, 200, 1635-1646.	8.5	163
2	TNF suppresses acute intestinal inflammation by inducing local glucocorticoid synthesis. <i>Journal of Experimental Medicine</i> , 2010, 207, 1057-1066.	8.5	144
3	LRH-1-mediated glucocorticoid synthesis in enterocytes protects against inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13098-13103.	7.1	136
4	Fas and Fas ligand in gut and liver. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, G354-G366.	3.4	112
5	TRAIL receptor-mediated JNK activation and Bim phosphorylation critically regulate Fas-mediated liver damage and lethality. <i>Journal of Clinical Investigation</i> , 2006, 116, 2493-2499.	8.2	112
6	The nuclear receptor LRH-1 critically regulates extra-adrenal glucocorticoid synthesis in the intestine. <i>Journal of Experimental Medicine</i> , 2006, 203, 2057-2062.	8.5	111
7	Glycomimetic, Orally Bioavailable LecB Inhibitors Block Biofilm Formation of <i>Pseudomonas aeruginosa</i> . <i>Journal of the American Chemical Society</i> , 2018, 140, 2537-2545.	13.7	97
8	Fas (CD95/Apo-1) ligand regulation in T cell homeostasis, cell-mediated cytotoxicity and immune pathology. <i>Seminars in Immunology</i> , 2003, 15, 167-176.	5.6	89
9	Thiazolides inhibit growth and induce glutathione S-transferase Pi (GSTP1)-dependent cell death in human colon cancer cells. <i>International Journal of Cancer</i> , 2008, 123, 1797-1806.	5.1	77
10	Cell death at the intestinal epithelial front line. <i>FEBS Journal</i> , 2016, 283, 2701-2719.	4.7	77
11	Inhibition and deficiency of the immunoproteasome subunit LMP7 suppress the development and progression of colorectal carcinoma in mice. <i>Oncotarget</i> , 2017, 8, 50873-50888.	1.8	61
12	Inhibitor of Apoptosis Protein-1 Regulates Tumor Necrosis Factor-Mediated Destruction of Intestinal Epithelial Cells. <i>Gastroenterology</i> , 2017, 152, 867-879.	1.3	54
13	Differential Regulation of Glucocorticoid Synthesis in Murine Intestinal Epithelial Versus Adrenocortical Cell Lines. <i>Endocrinology</i> , 2007, 148, 1445-1453.	2.8	52
14	Heme oxygenase 1 protects human colonocytes against ROS formation, oxidative DNA damage and cytotoxicity induced by heme iron, but not inorganic iron. <i>Cell Death and Disease</i> , 2020, 11, 787.	6.3	49
15	Extra-Adrenal Glucocorticoid Synthesis in the Intestinal Mucosa: Between Immune Homeostasis and Immune Escape. <i>Frontiers in Immunology</i> , 2019, 10, 1438.	4.8	46
16	Detection of apoptosis in vivo using antibodies against caspase-induced neo-epitopes. <i>Methods</i> , 2008, 44, 255-261.	3.8	45
17	TRAIL-Induced Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 50-58.	3.8	43
18	Immunoproteasome inhibition prevents chronic antibody-mediated allograft rejection in renal transplantation. <i>Kidney International</i> , 2018, 93, 670-680.	5.2	43

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19	Lipopolysaccharide induces intestinal glucocorticoid synthesis in a TNF α -dependent manner. FASEB Journal, 2010, 24, 1340-1346.	0.5	42
20	Prevention of neuronal apoptosis by astrocytes through thiol-mediated stress response modulation and accelerated recovery from proteotoxic stress. Cell Death and Differentiation, 2018, 25, 2101-2117.	11.2	39
21	TNF α sensitizes hepatocytes to FasL-induced apoptosis by NF κ B-mediated Fas upregulation. Cell Death and Disease, 2018, 9, 909.	6.3	39
22	Extra-adrenal glucocorticoid synthesis in the intestinal epithelium: more than a drop in the ocean?. Seminars in Immunopathology, 2009, 31, 237-248.	6.1	37
23	Accumulation and Activation-Induced Release of Preformed Fas (CD95) Ligand During the Pathogenesis of Experimental Graft-Versus-Host Disease. Journal of Immunology, 2001, 167, 2936-2941.	0.8	36
24	Cell cycle-dependent regulation of extra-adrenal glucocorticoid synthesis in murine intestinal epithelial cells. FASEB Journal, 2008, 22, 4117-4125.	0.5	35
25	Why does the gut synthesize glucocorticoids?. Annals of Medicine, 2014, 46, 490-497.	3.8	35
26	Preferential Extracellular Generation of the Active Parkinsonian Toxin MPP ⁺ by Transporter-Independent Export of the Intermediate MPDP ⁺ . Antioxidants and Redox Signaling, 2015, 23, 1001-1016.	5.4	33
27	Intestinal steroidogenesis. Steroids, 2015, 103, 64-71.	1.8	32
28	Blocking TWEAK-Fn14 interaction inhibits hematopoietic stem cell transplantation-induced intestinal cell death and reduces GVHD. Blood, 2015, 126, 437-444.	1.4	29
29	The many faces of tumor necrosis factor signaling in the intestinal epithelium. Genes and Immunity, 2019, 20, 609-626.	4.1	29
30	Thiazolides promote G1 cell cycle arrest in colorectal cancer cells by targeting the mitochondrial respiratory chain. Oncogene, 2020, 39, 2345-2357.	5.9	27
31	A fast and simple fluorometric method to detect cell death in 3D intestinal organoids. BioTechniques, 2019, 67, 23-28.	1.8	26
32	Immunoproteasome inhibition induces plasma cell apoptosis and preserves kidney allografts by activating the unfolded protein response and suppressing plasma cell survival factors. Kidney International, 2019, 95, 611-623.	5.2	25
33	PU.1 supports TRAIL-induced cell death by inhibiting NF κ B-mediated cell survival and inducing DR5 expression. Cell Death and Differentiation, 2017, 24, 866-877.	11.2	24
34	Keratinocytes control skin immune homeostasis through de novo-synthesized glucocorticoids. Science Advances, 2021, 7, .	10.3	24
35	Titin kinase ubiquitination aligns autophagy receptors with mechanical signals in the sarcomere. EMBO Reports, 2021, 22, e48018.	4.5	22
36	The orphan nuclear receptor LRH-1/NR5a2 critically regulates T cell functions. Science Advances, 2019, 5, eaav9732.	10.3	20

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37	Pharmacological LRH-1/Nr5a2 inhibition limits pro-inflammatory cytokine production in macrophages and associated experimental hepatitis. <i>Cell Death and Disease</i> , 2020, 11, 154.	6.3	20
38	Apoptosis in disease: about shortage and excess. <i>Essays in Biochemistry</i> , 2003, 39, 119-130.	4.7	20
39	Local synthesis of immunosuppressive glucocorticoids in the intestinal epithelium regulates anti-viral immune responses. <i>Cellular Immunology</i> , 2018, 334, 1-10.	3.0	18
40	Extra-adrenal glucocorticoid synthesis at epithelial barriers. <i>Genes and Immunity</i> , 2019, 20, 627-640.	4.1	18
41	Liver receptor homolog-1 (NR5a2) regulates CD95/Fas ligand transcription and associated T-cell effector functions. <i>Cell Death and Disease</i> , 2017, 8, e2745-e2745.	6.3	17
42	Sensitizing antigen-specific CD8+ T cells for accelerated suicide causes immune incompetence. <i>Journal of Clinical Investigation</i> , 2003, 111, 1191-1199.	8.2	16
43	Is autoimmunity coming to a Fas(t) end?. <i>Nature Medicine</i> , 1999, 5, 19-20.	30.7	14
44	Structure-Function Relationship of Thiazolide-Induced Apoptosis in Colorectal Tumor Cells. <i>ACS Chemical Biology</i> , 2014, 9, 1520-1527.	3.4	14
45	Bax retrotranslocation potentiates Bcl-xL's antiapoptotic activity and is essential for switch-like transitions between MOMP competency and resistance. <i>Cell Death and Disease</i> , 2018, 9, 430.	6.3	14
46	Regulation of Tissue Immune Responses by Local Glucocorticoids at Epithelial Barriers and Their Impact on Interorgan Crosstalk. <i>Frontiers in Immunology</i> , 2021, 12, 672808.	4.8	14
47	Counting on Death - Quantitative aspects of Bcl-2 family regulation. <i>FEBS Journal</i> , 2018, 285, 4124-4138.	4.7	13
48	Synthesis of Erythropoietins Site-Specifically Conjugated with Complex-Type N-Glycans. <i>ChemBioChem</i> , 2019, 20, 1914-1918.	2.6	13
49	Nuclear-mitochondrial crosstalk: On the role of the nuclear receptor liver receptor homolog-1 (<sc>NR5A2</sc>) in the regulation of mitochondrial metabolism, cell survival, and cancer. <i>IUBMB Life</i> , 2021, 73, 592-610.	3.4	13
50	Intestinal glucocorticoid synthesis enzymes in pediatric inflammatory bowel disease patients. <i>Genes and Immunity</i> , 2019, 20, 566-576.	4.1	11
51	The Mitochondrial Disruptor Devimistat (CPI-613) Synergizes with Genotoxic Anticancer Drugs in Colorectal Cancer Therapy in a Bim-Dependent Manner. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 100-112.	4.1	9
52	Death Receptor Interactions With the Mitochondrial Cell Death Pathway During Immune Cell, Drug- and Toxin-Induced Liver Damage. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 72.	3.7	8
53	Analysis of Cell Death Induction in Intestinal Organoids In Vitro. <i>Methods in Molecular Biology</i> , 2016, 1419, 83-93.	0.9	7
54	Natural Merosquiterpenes Activate the DNA Damage Response via DNA Strand Break Formation and Trigger Apoptotic Cell Death in p53-Wild-Type and Mutant Colorectal Cancer. <i>Cancers</i> , 2021, 13, 3282.	3.7	7

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55	<scp>LRH</scp>â€1</scp>NR5A2</scp> interacts with the glucocorticoid receptor to regulate glucocorticoid resistance. EMBO Reports, 2022, 23, .	4.5	7
56	Bcl-2-Ome â€“ a database and interactive web service for dissecting the Bcl-2 interactome. Cell Death and Differentiation, 2017, 24, 192-192.	11.2	4
57	Nitazoxanide and related thiazolides induce cell death in cancer cells by targeting the 20S proteasome with novel binding modes. Biochemical Pharmacology, 2022, 197, 114913.	4.4	4
58	Distinct but complementary roles of Fas ligand and Bim in homeostatic T cell apoptosis. Cell Cycle, 2008, 7, 3469-3471.	2.6	2
59	Living on the edge: immune cells and immunopathology in the intestinal mucosa. Seminars in Immunopathology, 2009, 31, 143-144.	6.1	2
60	Ecto-calreticulin is essential for an efficient immunogenic cell death stimulation in mouse melanoma. Genes and Immunity, 2019, 20, 527-528.	4.1	2
61	c-Myc: where death and division collide. Cell Cycle, 2004, 3, 456-9.	2.6	2
62	Death receptor-mediated suicide: a novel target of autoimmune disease treatment. Expert Opinion on Investigational Drugs, 1999, 8, 1359-1372.	4.1	1
63	Immunosuppressive glucocorticoids at epithelial barriers in the regulation of anti-viral immune response. Vitamins and Hormones, 2021, 117, 77-100.	1.7	1
64	Microbiome-host-immune crosstalk: mining the microbiome: a treasure trove waiting to be unlocked. Genes and Immunity, 2021, 22, 235-236.	4.1	1
65	Message from the new Editors-in-Chief. Genes and Immunity, 2019, 20, 338-339.	4.1	0
66	130th anniversary of Institut Pasteur: celebrating science. Microbes and Infection, 2019, 21, 190-191.	1.9	0
67	130th anniversary of Institut Pasteur: celebrating science. Genes and Immunity, 2019, 20, 342-343.	4.1	0
68	The versatility of liver X receptors in T cell homeostasis: Location, location, location!. Journal of Experimental Medicine, 2021, 218, .	8.5	0