Dieter Adam

List of Publications by Year
in descending order

73 papers	10,322 citations	94433 37 h-index	82547 72 g-index
74 all docs	74 docs citations	74 times ranked	17203 citing authors

#	Article	IF	Citations
1	Ars moriendi: Proteases as sculptors of cellular suicide. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119191.	4.1	1
2	Inhibition of ADAM17 impairs endothelial cell necroptosis and blocks metastasis. Journal of Experimental Medicine, 2022, 219, .	8.5	35
3	Stimulation of the EP₃ receptor causes lung edema by activation of TRPC6 in pulmonary endothelial cells. European Respiratory Journal, 2022, , 2102635.	6.7	3
4	Reevaluation of Lung Injury in TNF-Induced Shock: The Role of the Acid Sphingomyelinase. Mediators of Inflammation, 2020, 2020, 1-14.	3.0	9
5	Necroptosis, ADAM proteases and intestinal (dys)function. International Review of Cell and Molecular Biology, 2020, 353, 83-152.	3.2	5
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
7	Palmitoylation is required for TNF-R1 signaling. Cell Communication and Signaling, 2019, 17, 90.	6.5	30
8	Bad neighborhoods: apoptotic and necroptotic microenvironments determine liver cancer subtypes. Hepatobiliary Surgery and Nutrition, 2019, 8, 404-406.	1.5	2
9	Impact of p53 status on TRAIL-mediated apoptotic and non-apoptotic signaling in cancer cells. PLoS ONE, 2019, 14, e0214847.	2.5	29
10	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
11	The enhanced susceptibility of ADAM-17 hypomorphic mice to DSS-induced colitis is not ameliorated by loss of RIPK3, revealing an unexpected function of ADAM-17 in necroptosis. Oncotarget, 2018, 9, 12941-12958.	1.8	9
12	Underwater Leidenfrost nanochemistry for creation of size-tailored zinc peroxide cancer nanotherapeutics. Nature Communications, 2017, 8, 15319.	12.8	20
13	Proteolytic control of regulated necrosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2147-2161.	4.1	11
14	Extracellular sphingomyelinase activity impairs TNF-Î±-induced endothelial cell death via ADAM17 activation and TNF receptor 1 shedding. Oncotarget, 2017, 8, 72584-72596.	1.8	16
15	TNF induced cleavage of HSP90 by cathepsin D potentiates apoptotic cell death. Oncotarget, 2016, 7, 75774-75789.	1.8	27
16	Cancer and necroptosis: friend or foe?. Cellular and Molecular Life Sciences, 2016, 73, 2183-2193.	5.4	62
17	Excess sphingomyelin disturbs ATG9A trafficking and autophagosome closure. Autophagy, 2016, 12, 833-849.	9.1	52
18	Dyrk1a regulates the cardiomyocyte cell cycle via D-cyclin-dependent Rb/E2f-signalling. Cardiovascular Research, 2016, 110, 381-394.	3.8	45

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19	This thought is as a death. Cellular and Molecular Life Sciences, 2016, 73, 2123-2124.	5.4	1
20	Negative control of TRAIL-R1 signaling by transforming growth factor Î²1 in pancreatic tumor cells involves Smad-dependent down regulation of TRAIL-R1. Cellular Signalling, 2016, 28, 1652-1662.	3.6	10
21	Differences and Similarities in TRAIL- and Tumor Necrosis Factor-Mediated Necroptotic Signaling in Cancer Cells. Molecular and Cellular Biology, 2016, 36, 2626-2644.	2.3	25
22	Reinforcement of integrin-mediated T-Lymphocyte adhesion by TNF-induced Inside-out Signaling. Scientific Reports, 2016, 6, 30452.	3.3	7
23	Expression of non-secreted IL-4 is associated with HDAC inhibitor-induced cell death, histone acetylation and c-Jun regulation in human gamma/delta T-cells. Oncotarget, 2016, 7, 64743-64756.	1.8	18
24	Homoharringtonine, a clinically approved anti-leukemia drug, sensitizes tumor cells for TRAIL-induced necroptosis. Cell Communication and Signaling, 2015, 13, 25.	6.5	31
25	Molecular Mechanisms by Which a Fucus vesiculosus Extract Mediates Cell Cycle Inhibition and Cell Death in Pancreatic Cancer Cells. Marine Drugs, 2015, 13, 4470-4491.	4.6	28
26	Reinforcement of Integrin-Mediated T-Lymphocyte Adhesion by TNF. Biophysical Journal, 2015, 108, 98a.	0.5	0
27	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811
28	TRAIL-R2 promotes skeletal metastasis in a breast cancer xenograft mouse model. Oncotarget, 2015, 6, 9502-9516.	1.8	38
29	RIP3, a kinase promoting necroptotic cell death, mediates adverse remodelling after myocardial infarction. Cardiovascular Research, 2014, 103, 206-216.	3.8	257
30	Nuclear Death Receptor TRAIL-R2 Inhibits Maturation of Let-7 and Promotes Proliferation of Pancreatic and Other Tumor Cells. Gastroenterology, 2014, 146, 278-290.	1.3	101
31	TNF-induced necroptosis and PARP-1-mediated necrosis represent distinct routes to programmed necrotic cell death. Cellular and Molecular Life Sciences, 2014, 71, 331-348.	5.4	151
32	TRAIL-induced programmed necrosis as a novel approach to eliminate tumor cells. BMC Cancer, 2014, 14, 74.	2.6	50
33	The proteases HtrA2/Omi and UCH-L1 regulate TNF-induced necroptosis. Cell Communication and Signaling, 2013, 11, 76.	6.5	55
34	Hodgkin-Reed-Sternberg Cells in Classical Hodgkin Lymphoma Show Alterations of Genes Encoding the NADPH Oxidase Complex and Impaired Reactive Oxygen Species Synthesis Capacity. PLoS ONE, 2013, 8, e84928.	2.5	15
35	Response: antiapoptotic function of Toso (Faim3) in death receptor signaling. Blood, 2012, 119, 1790-1791.	1.4	10
36	Lung Endothelial Ca²⁺ and Permeability Response to Platelet-Activating Factor Is Mediated by Acid Sphingomyelinase and Transient Receptor Potential Classical 6. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 160-170.	5.6	80

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37	The Enlarged Lysosomes in <i>beige_j</i> Cells Result From Decreased Lysosome Fission and Not Increased Lysosome Fusion. Traffic, 2012, 13, 108-119.	2.7	103
38	Toso regulates the balance between apoptotic and nonapoptotic death receptor signaling by facilitating RIP1 ubiquitination. Blood, 2011, 118, 598-608.	1.4	45
39	A promiscuous liaison between IL-15 receptor and Axl receptor tyrosine kinase in cell death control. EMBO Journal, 2011, 30, 627-627.	7.8	2
40	TRAIL signaling is mediated by DR4 in pancreatic tumor cells despite the expression of functional DR5. Journal of Molecular Medicine, 2010, 88, 729-740.	3.9	73
41	The Polycomb group protein EED couples TNF receptor 1 to neutral sphingomyelinase. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1112-1117.	7.1	65
42	Differential protection by wildtype vs. organelle-specific Bcl-2 suggests a combined requirement of both the ER and mitochondria in ceramide-mediated caspase-independent programmed cell death. Radiation Oncology, 2009, 4, 41.	2.7	1
43	Antiâ€"Tumor Necrosis Factor Therapy Inhibits Pancreatic Tumor Growth and Metastasis. Cancer Research, 2008, 68, 1443-1450.	0.9	229
44	Improved Pulmonary Function by Acid Sphingomyelinase Inhibition in a Newborn Piglet Lavage Model. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1233-1241.	5.6	56
45	The WD repeat protein FAN regulates lysosome size independent from abnormal downregulation/membrane recruitment of protein kinase C. Experimental Cell Research, 2007, 313, 2703-2718.	2.6	15
46	TNF-receptor I defective in internalization allows for cell death through activation of neutral sphingomyelinase. Experimental Cell Research, 2006, 312, 2142-2153.	2.6	38
47	The murine TRAIL receptor signals caspase-independent cell death through ceramide. Experimental Cell Research, 2006, 312, 3808-3821.	2.6	39
48	MaxiK Blockade Selectively Inhibits the Lipopolysaccharide-Induced IÎºB-Î±/NF-ÎºB Signaling Pathway in Macrophages. Journal of Immunology, 2006, 177, 4086-4093.	0.8	49
49	Death Receptors and Caspases: Role in Lymphocyte Proliferation, Cell Death, and Autoimmunity. Immunologic Research, 2005, 33, 149-166.	2.9	31
50	A promiscuous liaison between IL-15 receptor and Axl receptor tyrosine kinase in cell death control. EMBO Journal, 2005, 24, 4260-4270.	7.8	63
51	Tumor necrosis factor (TNF) interferes with insulin signaling through the p55 TNF receptor death domain. Biochemical and Biophysical Research Communications, 2005, 329, 397-405.	2.1	26
52	The apoptosis inhibitory domain of FE65-like protein 1 regulates both apoptotic and caspase-independent programmed cell death mediated by tumor necrosis factor. Biochemical and Biophysical Research Communications, 2005, 335, 575-583.	2.1	4
53	Ceramide mediates caspaseâ€independent programmed cell death. FASEB Journal, 2005, 19, 1945-1956.	0.5	116
54	Compartmentalization of TNF Receptor 1 Signaling. Immunity, 2004, 21, 415-428.	14.3	410

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55	Compartmentalization of TNF Receptor 1 SignalingInternalized TNF Receptosomes as Death Signaling Vesicles. Immunity, 2004, 21, 415-428.	14.3	314
56	Interaction with Factor Associated with Neutral Sphingomyelinase Activation, a WD Motif-Containing Protein, Identifies Receptor for Activated C-Kinase 1 as a Novel Component of the Signaling Pathways of the p55 TNF Receptor. Journal of Immunology, 2002, 169, 5161-5170.	0.8	42
57	Ceramide: does it matter for T cells?. Trends in Immunology, 2002, 23, 1-4.	6.8	61
58	Effects of Moxifloxacin on Neutrophil Phagocytosis, Burst Production, and Killing as Determined by a Whole-Blood Cytofluorometric Method. Antimicrobial Agents and Chemotherapy, 2001, 45, 2668-2669.	3.2	11
59	Stimulation of Cellular Sphingomyelin Import by the Chemokine Connective Tissue-activating Peptide III. Journal of Biological Chemistry, 2000, 275, 37365-37372.	3.4	8
60	Overexpression of Acid Ceramidase Protects from Tumor Necrosis Factorâ€“Induced Cell Death. Journal of Experimental Medicine, 2000, 192, 601-612.	8.5	164
61	Activation of ERK1/2 and cPLA2 by the p55 TNF Receptor Occurs Independently of FAN. Biochemical and Biophysical Research Communications, 2000, 274, 506-512.	2.1	32
62	Inhibition of Receptor Internalization by Monodansylcadaverine Selectively Blocks p55 Tumor Necrosis Factor Receptor Death Domain Signaling. Journal of Biological Chemistry, 1999, 274, 10203-10212.	3.4	181
63	Distinct adapter proteins mediate acid versus neutral sphingomyelinase activation through the p55 receptor for tumor necrosis factor. Journal of Leukocyte Biology, 1998, 63, 678-682.	3.3	66
64	Induction of stress-activated protein kinases/c-Jun N-terminal kinases by the p55 tumour necrosis factor receptor does not require sphingomyelinases. Biochemical Journal, 1998, 333, 343-350.	3.7	22
65	FAN, a Novel WD-Repeat Protein, Couples the p55 TNF-Receptor to Neutral Sphingomyelinase. Cell, 1996, 86, 937-947.	28.9	375
66	A Novel Cytoplasmic Domain of the p55 Tumor Necrosis Factor Receptor Initiates the Neutral Sphingomyelinase Pathway. Journal of Biological Chemistry, 1996, 271, 14617-14622.	3.4	134
67	Function of the p55 tumor necrosis factor receptor "death domain" mediated by phosphatidylcholine-specific phospholipase C.. Journal of Experimental Medicine, 1996, 184, 725-733.	8.5	73
68	Ctk: a protein-tyrosine kinase related to Csk that defines an enzyme family.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 2597-2601.	7.1	112
69	Tumor Suppression in <i>Xiphophorus</i> by an Accidentally Acquired Promoter. Science, 1993, 259, 816-819.	12.6	106
70	Cross-linking of surface immunoglobulin activates src-related tyrosine kinases in WEHI 231 cells. Biochemical and Biophysical Research Communications, 1992, 187, 1536-1544.	2.1	44
71	Molecular Cloning, Structural Characterization, and Analysis of Transcription of the Melanoma Oncogene of Xiphophorus. Pigment Cell & Melanoma Research, 1990, 3, 173-180.	3.6	7
72	Novel putative receptor tyrosine kinase encoded by the melanoma-inducing Tu locus in Xiphophorus. Nature, 1989, 341, 415-421.	27.8	346

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73	RFLP for an EGF-receptor related gene associated with the melanoma oncogene locus ofXiphophorus maculatus. Nucleic Acids Research, 1988, 16, 7212-7212.	14.5	13