David Wallach

List of Publications by Year
in descending order

57 papers	16,266 citations	136950 32 h-index	149698 56 g-index
103 all docs	103 docs citations	103 times ranked	17143 citing authors

#	Article	IF	Citations
1	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
2	Involvement of MACH, a Novel MORT1/FADD-Interacting Protease, in Fas/APO-1- and TNF Receptorâ€"Induced Cell Death. Cell, 1996, 85, 803-815.	28.9	2,221
3	MAP3K-related kinase involved in NF-KB induction by TNF, CD95 and IL-1. Nature, 1997, 385, 540-544.	27.8	1,288
4	Targeted Disruption of the Mouse Caspase 8 Gene Ablates Cell Death Induction by the TNF Receptors, Fas/Apo1, and DR3 and Is Lethal Prenatally. Immunity, 1998, 9, 267-276.	14.3	1,139
5	The tumour suppressor CYLD negatively regulates NF-Î°B signalling by deubiquitination. Nature, 2003, 424, 801-805.	27.8	942
6	A Novel Protein That Interacts with the Death Domain of Fas/APO1 Contains a Sequence Motif Related to the Death Domain. Journal of Biological Chemistry, 1995, 270, 7795-7798.	3.4	916
7	Recruitment of the IKK Signalosome to the p55 TNF Receptor. Immunity, 2000, 12, 301-311.	14.3	435
8	Programmed necrosis in inflammation: Toward identification of the effector molecules. Science, 2016, 352, aaf2154.	12.6	431
9	Preferential effect of Î³ interferon on the synthesis of HLA antigens and their mRNAs in human cells. Nature, 1982, 299, 833-836.	27.8	387
10	Caspase-8 Blocks Kinase RIPK3-Mediated Activation of the NLRP3 Inflammasome. Immunity, 2013, 38, 27-40.	14.3	368
11	Self-association of the â€œDeath Domainsâ€• of the p55 Tumor Necrosis Factor (TNF) Receptor and Fas/APO1 Prompts Signaling for TNF and Fas/APO1 Effects. Journal of Biological Chemistry, 1995, 270, 387-391.	3.4	355
12	The CD95 Receptor: Apoptosis Revisited. Cell, 2007, 129, 447-450.	28.9	352
13	Caspase-8 Serves Both Apoptotic and Nonapoptotic Roles. Journal of Immunology, 2004, 173, 2976-2984.	0.8	339
14	Increased levels of soluble tumor necrosis factor receptors in the sera and synovial fluid of patients with rheumatic diseases. Arthritis and Rheumatism, 1992, 35, 1160-1169.	6.7	310
15	MLKL, the Protein that Mediates Necroptosis, Also Regulates Endosomal Trafficking and Extracellular Vesicle Generation. Immunity, 2017, 47, 51-65.e7.	14.3	294
16	CASH, a Novel Caspase Homologue with Death Effector Domains. Journal of Biological Chemistry, 1997, 272, 19641-19644.	3.4	286
17	Survival Function of the FADD-CASPASE-8-cFLIPL Complex. Cell Reports, 2012, 1, 401-407.	6.4	285
18	Receptor-Specific Signaling for Both the Alternative and the Canonical NF-Î°B Activation Pathways by NF-Î°B-Inducing Kinase. Immunity, 2004, 21, 477-489.	14.3	221

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19	Concepts of tissue injury and cell death in inflammation: a historical perspective. Nature Reviews Immunology, 2014, 14, 51-59.	22.7	197
20	Caspase-8 deficiency in epidermal keratinocytes triggers an inflammatory skin disease. Journal of Experimental Medicine, 2009, 206, 2161-2177.	8.5	183
21	RIG-I RNA Helicase Activation of IRF3 Transcription Factor Is Negatively Regulated by Caspase-8-Mediated Cleavage of the RIP1 Protein. Immunity, 2011, 34, 340-351.	14.3	182
22	Tumor Necrosis Factor (TNF) Receptor Shedding Controls Thresholds of Innate Immune Activation That Balance Opposing TNF Functions in Infectious and Inflammatory Diseases. Journal of Experimental Medicine, 2004, 200, 367-376.	8.5	168
23	Mutation of a Self-Processing Site in Caspase-8 Compromises Its Apoptotic but Not Its Nonapoptotic Functions in Bacterial Artificial Chromosome-Transgenic Mice. Journal of Immunology, 2008, 181, 2522-2532.	0.8	113
24	Role of caspase-8 in hepatocyte response to infection and injury in mice. Hepatology, 2007, 45, 1014-1024.	7.3	75
25	Death-inducing functions of ligands of the tumor necrosis factor family: a Sanhedrin verdict. Current Opinion in Immunology, 1998, 10, 279-288.	5.5	72
26	â€˜Necrosomeâ€™-induced inflammation: must cells die for it?. Trends in Immunology, 2011, 32, 505-509.	6.8	46
27	Interrelated Effects of Tumor Necrosis Factor and Interleukin 1 on Cell Viability. Immunobiology, 1988, 177, 7-22.	1.9	45
28	The cybernetics of TNF: Old views and newer ones. Seminars in Cell and Developmental Biology, 2016, 50, 105-114.	5.0	45
29	Delivery of soluble tumor necrosis factor receptor from in-situ forming PLGA implants: in-vivo. Pharmaceutical Research, 2000, 17, 1546-1550.	3.5	44
30	How are the regulators regulated? The search for mechanisms that impose specificity on induction of cell death and NF-kappaB activation by members of the TNF/NGF receptor family. Arthritis Research, 2002, 4, S189.	2.0	41
31	Interferon-Induced resistance to the killing by NK cells: A preferential effect of IFN-Î³. Cellular Immunology, 1983, 75, 390-395.	3.0	38
32	Activation of the NLRP3 Inflammasome by Proteins That Signal for Necroptosis. Methods in Enzymology, 2014, 545, 67-81.	1.0	37
33	Caspase-8 deficiency in mouse embryos triggers chronic RIPK1-dependent activation of inflammatory genes, independently of RIPK3. Cell Death and Differentiation, 2018, 25, 1107-1117.	11.2	31
34	Programmed Cell Death in Immune Defense: Knowledge and Presumptions. Immunity, 2018, 49, 19-32.	14.3	30
35	An interferon-induced cellular enzyme is incorporated into virions. Nature, 1980, 287, 68-70.	27.8	29
36	The Tumor Necrosis Factor Family: Family Conventions and Private Idiosyncrasies. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028431.	5.5	27

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37	How Do Cells Sense Foreign DNA? A New Outlook on the Function of STING. Molecular Cell, 2013, 50, 1-2.	9.7	24
38	Site-specific ubiquitination of MLKL targets it to endosomes and targets Listeria and Yersinia to the lysosomes. Cell Death and Differentiation, 2022, 29, 306-322.	11.2	23
39	Regulation of Susceptibility to Natural Killer Cells' Cytotoxicity and Regulation of HLA Synthesis: Differing Efficacies of Alpha, Beta, and Gamma Interferons. Journal of Interferon Research, 1982, 2, 329-338.	1.2	21
40	Keeping inflammation at bay. ELife, 2014, 3, e02583.	6.0	21
41	Enhanced release of lymphotoxins by interferon-treated cells. Cellular Immunology, 1983, 76, 390-396.	3.0	20
42	Reduced production of tumor necrosis factor by mononuclear cells in hairy cell leukemia patients and improvement following interferon therapy. Cancer, 1987, 60, 2208-2212.	4.1	18
43	The TNF cytokine family: One track in a road paved by many. Cytokine, 2013, 63, 225-229.	3.2	17
44	The in vivo significance of necroptosis: Lessons from exploration of caspase-8 function. Cytokine and Growth Factor Reviews, 2014, 25, 157-165.	7.2	15
45	Phosphorylation and Dephosphorylation of the RIG-I-like Receptors: A Safety Latch on a Fateful Pathway. Immunity, 2013, 38, 402-403.	14.3	14
46	The HLA proteins and a related protein of 28 kDa are preferentially induced by interferon-Î³ in human WISH cells. European Journal of Immunology, 1983, 13, 794-798.	2.9	13
47	MORT1/FADD is involved in liver regeneration. World Journal of Gastroenterology, 2005, 11, 7248.	3.3	13
48	Cell-autonomous and non-cell-autonomous functions of caspase-8. Cytokine and Growth Factor Reviews, 2008, 19, 209-217.	7.2	11
49	Hormonal protection of interferon-treated cells against double-stranded RNA-induced cytolysis. FEBS Letters, 1979, 101, 364-368.	2.8	8
50	Induction of hyporesponsiveness to an early post-binding effect of tumor necrosis factor by tumor necrosis factor itself and interleukin 1. European Journal of Immunology, 1991, 21, 1741-1745.	2.9	8
51	Antiâ€inflammatory functions of the â€œapoptoticâ€•caspases. Annals of the New York Academy of Sciences, 2010, 1209, 17-22.	3.8	8
52	The TNF family: Only the surface has been scratched. Seminars in Immunology, 2014, 26, 181-182.	5.6	6
53	Self-termination of the terminator. Nature Immunology, 2008, 9, 1325-1327.	14.5	5
54	Translation of mRNA for human lymphotoxin in microinjected Xenopus oocytes. FEBS Letters, 1984, 178, 257-263.	2.8	3

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55	Anti-inflammatory Functions of Caspase-8. Advances in Experimental Medicine and Biology, 2011, 691, 253-260.	1.6	2
56	JÃ¼rg Tschopp. Cytokine, 2011, 54, 233-234.	3.2	0
57	The In Vivo Significance of Necroptosis: Lessons from Exploration of Caspase-8 Function. , 2014, , 117-133.		0