

# David Wallach

## List of Publications by Year in descending order

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57  
papers

16,266  
citations

136885

32  
h-index

149623

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. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
2	Involvement of MACH, a Novel MORT1/FADD-Interacting Protease, in Fas/APO-1- and TNF Receptor-Induced Cell Death. <i>Cell</i> , 1996, 85, 803-815.	13.5	2,221
3	MAP3K-related kinase involved in NF- $\kappa$ B induction by TNF, CD95 and IL-1. <i>Nature</i> , 1997, 385, 540-544.	13.7	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. <i>Immunity</i> , 1998, 9, 267-276.	6.6	1,139
5	The tumour suppressor CYLD negatively regulates NF- $\kappa$ B signalling by deubiquitination. <i>Nature</i> , 2003, 424, 801-805.	13.7	942
6	A Novel Protein That Interacts with the Death Domain of Fas/APO1 Contains a Sequence Motif Related to the Death Domain. <i>Journal of Biological Chemistry</i> , 1995, 270, 7795-7798.	1.6	916
7	Recruitment of the IKK Signalosome to the p55 TNF Receptor. <i>Immunity</i> , 2000, 12, 301-311.	6.6	435
8	Programmed necrosis in inflammation: Toward identification of the effector molecules. <i>Science</i> , 2016, 352, aaf2154.	6.0	431
9	Preferential effect of $\beta$ interferon on the synthesis of HLA antigens and their mRNAs in human cells. <i>Nature</i> , 1982, 299, 833-836.	13.7	387
10	Caspase-8 Blocks Kinase RIPK3-Mediated Activation of the NLRP3 Inflammasome. <i>Immunity</i> , 2013, 38, 27-40.	6.6	368
11	Self-association of the "Death Domains" of the p55 Tumor Necrosis Factor (TNF) Receptor and Fas/APO1 Prompts Signaling for TNF and Fas/APO1 Effects. <i>Journal of Biological Chemistry</i> , 1995, 270, 387-391.	1.6	355
12	The CD95 Receptor: Apoptosis Revisited. <i>Cell</i> , 2007, 129, 447-450.	13.5	352
13	Caspase-8 Serves Both Apoptotic and Nonapoptotic Roles. <i>Journal of Immunology</i> , 2004, 173, 2976-2984.	0.4	339
14	Increased levels of soluble tumor necrosis factor receptors in the sera and synovial fluid of patients with rheumatic diseases. <i>Arthritis and Rheumatism</i> , 1992, 35, 1160-1169.	6.7	310
15	MLKL, the Protein that Mediates Necroptosis, Also Regulates Endosomal Trafficking and Extracellular Vesicle Generation. <i>Immunity</i> , 2017, 47, 51-65.e7.	6.6	294
16	CASH, a Novel Caspase Homologue with Death Effector Domains. <i>Journal of Biological Chemistry</i> , 1997, 272, 19641-19644.	1.6	286
17	Survival Function of the FADD-CASPASE-8-cFLIPL Complex. <i>Cell Reports</i> , 2012, 1, 401-407.	2.9	285
18	Receptor-Specific Signaling for Both the Alternative and the Canonical NF- $\kappa$ B Activation Pathways by NF- $\kappa$ B-Inducing Kinase. <i>Immunity</i> , 2004, 21, 477-489.	6.6	221

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19	Concepts of tissue injury and cell death in inflammation: a historical perspective. <i>Nature Reviews Immunology</i> , 2014, 14, 51-59.	10.6	197
20	Caspase-8 deficiency in epidermal keratinocytes triggers an inflammatory skin disease. <i>Journal of Experimental Medicine</i> , 2009, 206, 2161-2177.	4.2	183
21	RIG-I RNA Helicase Activation of IRF3 Transcription Factor Is Negatively Regulated by Caspase-8-Mediated Cleavage of the RIP1 Protein. <i>Immunity</i> , 2011, 34, 340-351.	6.6	182
22	Tumor Necrosis Factor (TNF) Receptor Shedding Controls Thresholds of Innate Immune Activation That Balance Opposing TNF Functions in Infectious and Inflammatory Diseases. <i>Journal of Experimental Medicine</i> , 2004, 200, 367-376.	4.2	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. <i>Journal of Immunology</i> , 2008, 181, 2522-2532.	0.4	113
24	Role of caspase-8 in hepatocyte response to infection and injury in mice. <i>Hepatology</i> , 2007, 45, 1014-1024.	3.6	75
25	Death-inducing functions of ligands of the tumor necrosis factor family: a Sanhedrin verdict. <i>Current Opinion in Immunology</i> , 1998, 10, 279-288.	2.4	72
26	“Necrosome”™-induced inflammation: must cells die for it?. <i>Trends in Immunology</i> , 2011, 32, 505-509.	2.9	46
27	Interrelated Effects of Tumor Necrosis Factor and Interleukin 1 on Cell Viability. <i>Immunobiology</i> , 1988, 177, 7-22.	0.8	45
28	The cybernetics of TNF: Old views and newer ones. <i>Seminars in Cell and Developmental Biology</i> , 2016, 50, 105-114.	2.3	45
29	Delivery of soluble tumor necrosis factor receptor from in-situ forming PLGA implants: in-vivo. <i>Pharmaceutical Research</i> , 2000, 17, 1546-1550.	1.7	44
30	How are the regulators regulated? The search for mechanisms that impose specificity on induction of cell death and NF- $\kappa$ B activation by members of the TNF/NGF receptor family. <i>Arthritis Research</i> , 2002, 4, S189.	2.0	41
31	Interferon-Induced resistance to the killing by NK cells: A preferential effect of IFN- $\beta$ . <i>Cellular Immunology</i> , 1983, 75, 390-395.	1.4	38
32	Activation of the NLRP3 Inflammasome by Proteins That Signal for Necroptosis. <i>Methods in Enzymology</i> , 2014, 545, 67-81.	0.4	37
33	Caspase-8 deficiency in mouse embryos triggers chronic RIPK1-dependent activation of inflammatory genes, independently of RIPK3. <i>Cell Death and Differentiation</i> , 2018, 25, 1107-1117.	5.0	31
34	Programmed Cell Death in Immune Defense: Knowledge and Presumptions. <i>Immunity</i> , 2018, 49, 19-32.	6.6	30
35	An interferon-induced cellular enzyme is incorporated into virions. <i>Nature</i> , 1980, 287, 68-70.	13.7	29
36	The Tumor Necrosis Factor Family: Family Conventions and Private Idiosyncrasies. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028431.	2.3	27

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37	How Do Cells Sense Foreign DNA? A New Outlook on the Function of STING. <i>Molecular Cell</i> , 2013, 50, 1-2.	4.5	24
38	Site-specific ubiquitination of MLKL targets it to endosomes and targets Listeria and Yersinia to the lysosomes. <i>Cell Death and Differentiation</i> , 2022, 29, 306-322.	5.0	23
39	Regulation of Susceptibility to Natural Killer Cells' Cytotoxicity and Regulation of HLA Synthesis: Differing Efficacies of Alpha, Beta, and Gamma Interferons. <i>Journal of Interferon Research</i> , 1982, 2, 329-338.	1.2	21
40	Keeping inflammation at bay. <i>ELife</i> , 2014, 3, e02583.	2.8	21
41	Enhanced release of lymphotoxins by interferon-treated cells. <i>Cellular Immunology</i> , 1983, 76, 390-396.	1.4	20
42	Reduced production of tumor necrosis factor by mononuclear cells in hairy cell leukemia patients and improvement following interferon therapy. <i>Cancer</i> , 1987, 60, 2208-2212.	2.0	18
43	The TNF cytokine family: One track in a road paved by many. <i>Cytokine</i> , 2013, 63, 225-229.	1.4	17
44	The in vivo significance of necroptosis: Lessons from exploration of caspase-8 function. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 157-165.	3.2	15
45	Phosphorylation and Dephosphorylation of the RIG-I-like Receptors: A Safety Latch on a Fateful Pathway. <i>Immunity</i> , 2013, 38, 402-403.	6.6	14
46	The HLA proteins and a related protein of 28 kDa are preferentially induced by interferon- $\gamma$ in human WISH cells. <i>European Journal of Immunology</i> , 1983, 13, 794-798.	1.6	13
47	MORT1/FADD is involved in liver regeneration. <i>World Journal of Gastroenterology</i> , 2005, 11, 7248.	1.4	13
48	Cell-autonomous and non-cell-autonomous functions of caspase-8. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 209-217.	3.2	11
49	Hormonal protection of interferon-treated cells against double-stranded RNA-induced cytolysis. <i>FEBS Letters</i> , 1979, 101, 364-368.	1.3	8
50	Induction of hyporesponsiveness to an early post-binding effect of tumor necrosis factor by tumor necrosis factor itself and interleukin 1. <i>European Journal of Immunology</i> , 1991, 21, 1741-1745.	1.6	8
51	Anti-inflammatory functions of the apoptotic caspases. <i>Annals of the New York Academy of Sciences</i> , 2010, 1209, 17-22.	1.8	8
52	The TNF family: Only the surface has been scratched. <i>Seminars in Immunology</i> , 2014, 26, 181-182.	2.7	6
53	Self-termination of the terminator. <i>Nature Immunology</i> , 2008, 9, 1325-1327.	7.0	5
54	Translation of mRNA for human lymphotoxin in microinjected <i>Xenopus</i> oocytes. <i>FEBS Letters</i> , 1984, 178, 257-263.	1.3	3

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55	Anti-inflammatory Functions of Caspase-8. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 253-260.	0.8	2
56	JÃ¼rg Tschopp. <i>Cytokine</i> , 2011, 54, 233-234.	1.4	0
57	The In Vivo Significance of Necroptosis: Lessons from Exploration of Caspase-8 Function. , 2014, , 117-133.		0