Rudi Beyaert

List of Publications by Year
in descending order

299 papers	30,943 citations	3726 89 h-index	5249 165 g-index
307 all docs	307 docs citations	307 times ranked	35764 citing authors

#	Article	IF	Citations
1	Cytotoxic activity of tumor necrosis factor is mediated by early damage of mitochondrial functions. Evidence for the involvement of mitochondrial radical generation.. Journal of Biological Chemistry, 1992, 267, 5317-5323.	1.6	847
2	Inhibition of Caspases Increases the Sensitivity of L929 Cells to Necrosis Mediated by Tumor Necrosis Factor. Journal of Experimental Medicine, 1998, 187, 1477-1485.	4.2	833
3	More than one way to die: apoptosis, necrosis and reactive oxygen damage. Oncogene, 1999, 18, 7719-7730.	2.6	790
4	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
5	Two tumour necrosis factor receptors: structure and function. Trends in Cell Biology, 1995, 5, 392-399.	3.6	749
6	Cytotoxic activity of tumor necrosis factor is mediated by early damage of mitochondrial functions. Evidence for the involvement of mitochondrial radical generation. Journal of Biological Chemistry, 1992, 267, 5317-23.	1.6	704
7	The p38/RK mitogen-activated protein kinase pathway regulates interleukin-6 synthesis response to tumor necrosis factor.. EMBO Journal, 1996, 15, 1914-1923.	3.5	589
8	Limiting inflammationâ€"the negative regulation of NF-ÎºB and the NLRP3 inflammasome. Nature Immunology, 2017, 18, 861-869.	7.0	546
9	Functional Diversity and Regulation of Different Interleukin-1 Receptor-Associated Kinase (IRAK) Family Members. Molecular Cell, 2003, 11, 293-302.	4.5	523
10	Depletion of the mitochondrial electron transport abrogates the cytotoxic and gene-inductive effects of TNF.. EMBO Journal, 1993, 12, 3095-3104.	3.5	510
11	Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. Science, 2015, 349, 1106-1110.	6.0	483
12	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. Immunity, 2016, 44, 755-768.	6.6	478
13	Role of Toll-Like Receptors in Pathogen Recognition. Clinical Microbiology Reviews, 2003, 16, 637-646.	5.7	477
14	The ubiquitin-editing enzyme A20 (TNFAIP3) is a central regulator of immunopathology. Trends in Immunology, 2009, 30, 383-391.	2.9	450
15	Inhibition of Interleukin 1 Receptor/Toll-like Receptor Signaling through the Alternatively Spliced, Short Form of MyD88 Is Due to Its Failure to Recruit IRAK-4. Journal of Experimental Medicine, 2003, 197, 263-268.	4.2	447
16	Negative regulation of the NLRP3 inflammasome by A20 protects against arthritis. Nature, 2014, 512, 69-73.	13.7	419
17	T cell antigen receptor stimulation induces MALT1 paracaspaseâ€"mediated cleavage of the NF-ÎºB inhibitor A20. Nature Immunology, 2008, 9, 263-271.	7.0	409
18	Proteolytic Processing of Interleukin-1 Family Cytokines: Variations on a Common Theme. Immunity, 2015, 42, 991-1004.	6.6	385

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19	A20 in inflammation and autoimmunity. Trends in Immunology, 2014, 35, 22-31.	2.9	373
20	TLR-4, IL-1R and TNF-R signaling to NF-Î¹B: variations on a common theme. Cellular and Molecular Life Sciences, 2008, 65, 2964-2978.	2.4	369
21	Interleukin-1Î± controls allergic sensitization to inhaled house dust mite via the epithelial release of GM-CSF and IL-33. Journal of Experimental Medicine, 2012, 209, 1505-1517.	4.2	362
22	A universal role for MyD88 in TLR/IL-1R-mediated signaling. Trends in Biochemical Sciences, 2002, 27, 474-482.	3.7	357
23	Identification and Characterization of a Novel Cell Cycleâ€“Regulated Internal Ribosome Entry Site. Molecular Cell, 2000, 5, 597-605.	4.5	310
24	Endonuclease G: a mitochondrial protein released in apoptosis and involved in caspase-independent DNA degradation. Cell Death and Differentiation, 2001, 8, 1136-1142.	5.0	298
25	A20 and A20-binding proteins as cellular inhibitors of nuclear factor-Î¹B-dependent gene expression and apoptosis. Biochemical Pharmacology, 2000, 60, 1143-1151.	2.0	286
26	Stimulation of Toll-like receptor 3 and 4 induces interleukin-1Î² maturation by caspase-8. Journal of Experimental Medicine, 2008, 205, 1967-1973.	4.2	278
27	A20: Central Gatekeeper in Inflammation and Immunity. Journal of Biological Chemistry, 2009, 284, 8217-8221.	1.6	278
28	The Zinc Finger Protein A20 Inhibits TNF-induced NF-Î¹Bâ€“dependent Gene Expression by Interfering with an RIP- or TRAF2-mediated Transactivation Signal and Directly Binds to a Novel NF-Î¹Bâ€“inhibiting Protein ABIN. Journal of Cell Biology, 1999, 145, 1471-1482.	2.3	275
29	Non-specific effects of methyl ketone peptide inhibitors of caspases. FEBS Letters, 1999, 442, 117-121.	1.3	274
30	Sensing of Viral Infection and Activation of Innate Immunity by Toll-Like Receptor 3. Clinical Microbiology Reviews, 2008, 21, 13-25.	5.7	274
31	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. Immunity, 2016, 45, 1285-1298.	6.6	271
32	Regulation of Interleukin-1- and Lipopolysaccharide-Induced NF-Î¹B Activation by Alternative Splicing of MyD88. Current Biology, 2002, 12, 467-471.	1.8	269
33	Enterocyte-specific A20 deficiency sensitizes to tumor necrosis factorâ€“induced toxicity and experimental colitis. Journal of Experimental Medicine, 2010, 207, 1513-1523.	4.2	261
34	A20 inhibits NF-Î¹B activation by dual ubiquitin-editing functions. Trends in Biochemical Sciences, 2005, 30, 1-4.	3.7	250
35	A20 (TNFAIP3) deficiency in myeloid cells triggers erosive polyarthritis resembling rheumatoid arthritis. Nature Genetics, 2011, 43, 908-912.	9.4	250
36	Activation of caspase-8 in drug-induced apoptosis of B-lymphoid cells is independent of CD95/Fas receptor-ligand interaction and occurs downstream of caspase-3. Blood, 2001, 97, 1378-1387.	0.6	237

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37	Molecular mechanisms of tumor necrosis factor-induced cytotoxicity. FEBS Letters, 1994, 340, 9-16.	1.3	232
38	MicroRNA let-7 Modulates the Immune Response to Mycobacterium tuberculosis Infection via Control of A20, an Inhibitor of the NF-Î²B Pathway. Cell Host and Microbe, 2015, 17, 345-356.	5.1	230
39	The Ubiquitin-Editing Protein A20 Prevents Dendritic Cell Activation, Recognition of Apoptotic Cells, and Systemic Autoimmunity. Immunity, 2011, 35, 82-96.	6.6	222
40	Cell death induction by receptors of the TNF family: towards a molecular understanding. FEBS Letters, 1997, 410, 96-106.	1.3	217
41	Hepatic Tumor Necrosis Factor Signaling and Nuclear Factor-Î²B: Effects on Liver Homeostasis and Beyond. Endocrine Reviews, 2007, 28, 365-386.	8.9	213
42	Ubiquitin binding mediates the NF-Î²B inhibitory potential of ABIN proteins. Oncogene, 2008, 27, 3739-3745.	2.6	208
43	CYLD, A20 and OTULIN deubiquitinases in NF-Î²B signaling and cell death: so similar, yet so different. Cell Death and Differentiation, 2017, 24, 1172-1183.	5.0	205
44	Are the IKKs and IKK-related kinases TBK1 and IKK-É› similarly activated?. Trends in Biochemical Sciences, 2008, 33, 171-180.	3.7	202
45	T-cell receptor-induced JNK activation requires proteolytic inactivation of CYLD by MALT1. EMBO Journal, 2011, 30, 1742-1752.	3.5	196
46	Characterization of seven murine caspase family members. FEBS Letters, 1997, 403, 61-69.	1.3	191
47	Patterns, Receptors, and Signals: Regulation of Phagosome Maturation. Trends in Immunology, 2017, 38, 407-422.	2.9	191
48	Mechanisms of crosstalk between TNF-induced NF-Î²B and JNK activation in hepatocytes. Biochemical Pharmacology, 2006, 72, 1090-1101.	2.0	185
49	A20 inhibits LUBAC-mediated NF-Î²B activation by binding linear polyubiquitin chains via its zinc finger 7. EMBO Journal, 2012, 31, 3845-3855.	3.5	176
50	Expression, biological activities and mechanisms of action of A20 (TNFAIP3). Biochemical Pharmacology, 2010, 80, 2009-2020.	2.0	173
51	The cytokine-inducible zinc finger protein A20 inhibits IL-1-induced NF-Î²B activation at the level of TRAF6. FEBS Letters, 1999, 442, 147-150.	1.3	169
52	MyD88S, a splice variant of MyD88, differentially modulates NF-Î²B- and AP-1-dependent gene expression. FEBS Letters, 2003, 548, 103-107.	1.3	169
53	Neu1 desialylation of sialyl Î±-2,3-linked Î²-galactosyl residues of TOLL-like receptor 4 is essential for receptor activation and cellular signaling. Cellular Signalling, 2010, 22, 314-324.	1.7	169
54	B cells lacking the tumor suppressor TNFAIP3/A20 display impaired differentiation and hyperactivation and cause inflammation and autoimmunity in aged mice. Blood, 2011, 117, 2227-2236.	0.6	165

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55	Up-regulation of MyD88s and SIGIRR, molecules inhibiting Toll-like receptor signaling, in monocytes from septic patients*. Critical Care Medicine, 2006, 34, 2377-2385.	0.4	164
56	The p110Î´ isoform of the kinase PI(3)K controls the subcellular compartmentalization of TLR4 signaling and protects from endotoxic shock. Nature Immunology, 2012, 13, 1045-1054.	7.0	163
57	Toll-like Receptor 4 Engagement on Dendritic Cells Restrains Phago-Lysosome Fusion and Promotes Cross-Presentation of Antigens. Immunity, 2015, 43, 1087-1100.	6.6	160
58	ABINs: A20 binding inhibitors of NF-ÎºB and apoptosis signaling. Biochemical Pharmacology, 2009, 78, 105-114.	2.0	155
59	TRAF2 multitasking in TNF receptor-induced signaling to NF-ÎºB, MAP kinases and cell death. Biochemical Pharmacology, 2016, 116, 1-10.	2.0	151
60	The p38/RK mitogen-activated protein kinase pathway regulates interleukin-6 synthesis response to tumor necrosis factor. EMBO Journal, 1996, 15, 1914-23.	3.5	147
61	Depletion of the mitochondrial electron transport abrogates the cytotoxic and gene-inductive effects of TNF. EMBO Journal, 1993, 12, 3095-104.	3.5	146
62	Abscisic Acid as Pathogen Effector and Immune Regulator. Frontiers in Plant Science, 2017, 8, 587.	1.7	145
63	A Novel Type of Deubiquitinating Enzyme. Journal of Biological Chemistry, 2003, 278, 23180-23186.	1.6	144
64	TUMOUR NECROSIS FACTOR-INDUCED NECROSIS VERSUS ANTI-Fas-INDUCED APOPTOSIS IN L929 CELLS. Cytokine, 1997, 9, 801-808.	1.4	142
65	Caspase-11 Gene Expression in Response to Lipopolysaccharide and Interferon-Î³ Requires Nuclear Factor-ÎºB and Signal Transducer and Activator of Transcription (STAT) 1. Journal of Biological Chemistry, 2002, 277, 41624-41630.	1.6	142
66	Inflammatory cardiac valvulitis in TAX1BP1-deficient mice through selective NF-ÎºB activation. EMBO Journal, 2008, 27, 629-641.	3.5	139
67	Cathepsin B-Mediated Activation of the Proinflammatory Caspase-11. Biochemical and Biophysical Research Communications, 1998, 251, 379-387.	1.0	137
68	The S. Typhimurium Effector SopE Induces Caspase-1 Activation in Stromal Cells to Initiate Gut Inflammation. Cell Host and Microbe, 2009, 6, 125-136.	5.1	135
69	The zinc finger protein A20 interacts with a novel anti-apoptotic protein which is cleaved by specific caspases. Oncogene, 1999, 18, 4182-4190.	2.6	133
70	Cleavage of PITSLRE Kinases by ICE/CASP-1 and CPP32/CASP-3 during Apoptosis Induced by Tumor Necrosis Factor. Journal of Biological Chemistry, 1997, 272, 11694-11697.	1.6	132
71	Interleukin-21-Producing CD4+ T Cells Promote Type 2 Immunity to House Dust Mites. Immunity, 2015, 43, 318-330.	6.6	132
72	Reduced tumour necrosis factor-induced cytotoxicity by inhibitors of the arachidonic acid metabolism. Biochemical and Biophysical Research Communications, 1987, 149, 735-743.	1.0	129

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73	Nuclear factor kappa B (NF-Î¹B) in multiple sclerosis pathology. Trends in Molecular Medicine, 2013, 19, 604-613.	3.5	122
74	Targeting Rac1 by the Yersinia Effector Protein YopE Inhibits Caspase-1-mediated Maturation and Release of Interleukin-1Î². Journal of Biological Chemistry, 2004, 279, 25134-25142.	1.6	121
75	Enterocyte death and intestinal barrier maintenance in homeostasis and disease. Trends in Molecular Medicine, 2011, 17, 584-593.	3.5	121
76	The PDGF-BB-SOX7 axis-modulated IL-33 in pericytes and stromal cells promotes metastasis through tumour-associated macrophages. Nature Communications, 2016, 7, 11385.	5.8	117
77	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. Nature Communications, 2017, 8, 14937.	5.8	115
78	Translational control of eukaryotic gene expression. Critical Reviews in Biochemistry and Molecular Biology, 2009, 44, 143-168.	2.3	112
79	A20 controls intestinal homeostasis through cell-specific activities. Nature Communications, 2014, 5, 5103.	5.8	109
80	The IL-33/ST2 axis is crucial in type 2 airway responses induced by Staphylococcus aureus â€“derived serine proteaseâ€“like protein D. Journal of Allergy and Clinical Immunology, 2018, 141, 549-559.e7.	1.5	109
81	Dependence of pathogen molecule-induced Toll-like receptor activation and cell function on Neu1 sialidase. Glycoconjugate Journal, 2009, 26, 1197-1212.	1.4	108
82	Cancer risk in immune-mediated inflammatory diseases (IMID). Molecular Cancer, 2013, 12, 98.	7.9	104
83	The Pseudomonas aeruginosa Type III secretion system plays a dual role in the regulation of caspaseâ€1 mediated ILâ€1Î² maturation. Journal of Cellular and Molecular Medicine, 2008, 12, 1767-1776.	1.6	102
84	Yeast two-hybrid: State of the art. Biological Procedures Online, 1999, 2, 1-38.	1.4	101
85	Structure-function analysis of the A20-binding inhibitor of NF-Î¹B activation, ABIN-1. FEBS Letters, 2003, 536, 135-140.	1.3	101
86	Genetic relationships between A20/TNFAIP3, chronic inflammation and autoimmune disease. Biochemical Society Transactions, 2011, 39, 1086-1091.	1.6	99
87	Structure and Function of the Type III Secretion System of Pseudomonas aeruginosa. Current Protein and Peptide Science, 2012, 13, 831-842.	0.7	99
88	Non-apoptotic functions of caspase-8. Biochemical Pharmacology, 2008, 76, 1365-1373.	2.0	98
89	Function and Regulation of Tumor Necrosis Factor Receptor Type 2. Current Medicinal Chemistry, 2004, 11, 2205-2212.	1.2	96
90	Pellino proteins are more than scaffold proteins in TLR/IL-1R signalling: A role as novel RING E3-ubiquitin-ligases. FEBS Letters, 2006, 580, 4697-4702.	1.3	96

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91	A role for hnRNP C1/C2 and Unr in internal initiation of translation during mitosis. EMBO Journal, 2007, 26, 158-169.	3.5	95
92	Identification of a Novel A20-binding Inhibitor of Nuclear Factor-ÎºB Activation Termed ABIN-2. Journal of Biological Chemistry, 2001, 276, 30216-30223.	1.6	91
93	ÎºB kinase É› (IKKÉ›): A therapeutic target in inflammation and cancer. Biochemical Pharmacology, 2013, 85, 873-880.	2.0	90
94	Inflammatory cell-derived CXCL3 promotes pancreatic cancer metastasis through a novel myofibroblast-hijacked cancer escape mechanism. Gut, 2022, 71, 129-147.	6.1	88
95	Pellino Proteins: Novel Players in TLR and ILâ€1R Signalling. Journal of Cellular and Molecular Medicine, 2007, 11, 453-461.	1.6	87
96	A Novel TRAF6 Binding Site in MALT1 Defines Distinct Mechanisms of NF-ÎºB Activation by API2Â·MALT1 Fusions. Journal of Biological Chemistry, 2007, 282, 10180-10189.	1.6	85
97	Lithium chloride potentiates tumor necrosis factor-mediated cytotoxicity in vitro and in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9494-9498.	3.3	84
98	Isolation and characterization of two novel A20-like proteins. Biochemical Journal, 2001, 357, 617-623.	1.7	83
99	Regulation of NF-ÎºB signaling by caspases and MALT1 paracaspase. Cell Research, 2011, 21, 40-54.	5.7	83
100	Molecular mechanisms of IL-33â€“mediated stromal interactions in cancer metastasis. JCI Insight, 2018, 3, .	2.3	82
101	TRAF1 is a TNF inducible regulator of NF-ÎºB activation. FEBS Letters, 1999, 460, 246-250.	1.3	81
102	Emerging Role of Ubiquitination in Antiviral RIG-I Signaling. Microbiology and Molecular Biology Reviews, 2012, 76, 33-45.	2.9	80
103	Tumour-necrosis-factor-mediated cytotoxicity is correlated with phospholipase-A2 activity, but not with arachidonic acid release per se. FEBS Journal, 1991, 195, 465-475.	0.2	79
104	A matrix-assisted laser desorption ionization post-source decay (MALDI-PSD) analysis of proteins released from isolated liver mitochondria treated with recombinant truncated Bid. Cell Death and Differentiation, 2002, 9, 301-308.	5.0	79
105	The polypyrimidine tract-binding protein stimulates HIF-1Â IRES-mediated translation during hypoxia. Nucleic Acids Research, 2005, 33, 6884-6894.	6.5	79
106	LIND/ABIN-3 Is a Novel Lipopolysaccharide-inducible Inhibitor of NF-ÎºB Activation. Journal of Biological Chemistry, 2007, 282, 81-90.	1.6	79
107	The tumor necrosis factor alpha-induced protein 3 (TNFAIP3, A20) imposes a brake on antitumor activity of CD8 T cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11115-11120.	3.3	79
108	Regulation of the cell-cycle-dependent internal ribosome entry site of the PITSLRE protein kinase: roles of Unr (upstream of N-ras) protein and phosphorylated translation initiation factor eIF-2Î±. Biochemical Journal, 2005, 385, 155-163.	1.7	78

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109	Effect of bcl-2 proto-oncogene expression on cellular sensitivity to tumor necrosis factor-mediated cytotoxicity. Oncogene, 1993, 8, 1075-81.	2.6	78
110	Keratinocyte-specific ablation of the NF-ÎºB regulatory protein A20 (TNFAIP3) reveals a role in the control of epidermal homeostasis. Cell Death and Differentiation, 2011, 18, 1845-1853.	5.0	77
111	Pharmacological inhibition of MALT1 protease activity protects mice in a mouse model of multiple sclerosis. Journal of Neuroinflammation, 2014, 11, 124.	3.1	76
112	Neu1 Sialidase and Matrix Metalloproteinase-9 Cross-talk Is Essential for Toll-like Receptor Activation and Cellular Signaling. Journal of Biological Chemistry, 2011, 286, 36532-36549.	1.6	75
113	Crosstalk between NF-ÎºB-Activating and Apoptosis-Inducing Proteins of the TNF-Receptor Complex. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2001, 4, 259-265.	1.7	73
114	IL-33 targeting attenuates intestinal mucositis and enhances effective tumor chemotherapy in mice. Mucosal Immunology, 2014, 7, 1079-1093.	2.7	73
115	Casein Kinase-1 Phosphorylates the p75 Tumor Necrosis Factor Receptor and Negatively Regulates Tumor Necrosis Factor Signaling for Apoptosis. Journal of Biological Chemistry, 1995, 270, 23293-23299.	1.6	72
116	The paracaspase <scp>MALT</scp>1 mediates <scp>CARD</scp>14â€induced signaling in keratinocytes. EMBO Reports, 2016, 17, 914-927.	2.0	71
117	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. Molecular Cell, 2020, 77, 927-929.	4.5	71
118	Polo-like kinase 1 (PLK1) signaling in cancer and beyond. Biochemical Pharmacology, 2021, 193, 114747.	2.0	71
119	A20 (Tnfaip3) Deficiency in Myeloid Cells Protects against Influenza A Virus Infection. PLoS Pathogens, 2012, 8, e1002570.	2.1	70
120	Dimethylfumarate is an Inhibitor of Cytokine-Induced Nuclear Translocation of NF-ÎºB1, But Not RelA in Normal Human Dermal Fibroblast Cells. Journal of Investigative Dermatology, 2001, 116, 124-130.	0.3	69
121	Optineurin deficiency in mice is associated with increased sensitivity to Salmonella but does not affect proinflammatory NFâ€ÎºB signaling. European Journal of Immunology, 2016, 46, 971-980.	1.6	69
122	Paracaspase MALT1 Deficiency Protects Mice from Autoimmune-Mediated Demyelination. Journal of Immunology, 2013, 190, 2896-2903.	0.4	68
123	<scp>MALT</scp>1 cleaves the E3 ubiquitin ligase <scp>HOIL</scp>â€1 in activated T cells, generating a dominant negative inhibitor of <scp>LUBAC</scp>â€induced <scp>NF</scp>â€ÎºB signaling. FEBS Journal, 2016, 283, 403-412.	2.2	68
124	<scp>MALT</scp>1 â€“ a universal soldier: multiple strategies to ensure <scp>NF</scp>â€ÎºB activation and target gene expression. FEBS Journal, 2015, 282, 3286-3297.	2.2	67
125	Targeting MALT1 Proteolytic Activity in Immunity, Inflammation and Disease: Good or Bad?. Trends in Molecular Medicine, 2016, 22, 135-150.	3.5	67
126	Functional redundancy of the zinc fingers of A20 for inhibition of NF-ÎºB activation and protein-protein interactions. FEBS Letters, 2001, 498, 93-97.	1.3	66

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127	A20 inhibition of STAT1 expression in myeloid cells: a novel endogenous regulatory mechanism preventing development of enthesitis. Annals of the Rheumatic Diseases, 2017, 76, 585-592.	0.5	66
128	UNR translation can be driven by an IRES element that is negatively regulated by polypyrimidine tract binding protein. Nucleic Acids Research, 2005, 33, 3095-3108.	6.5	65
129	Caspases are not localized in mitochondria during life or death. Cell Death and Differentiation, 2002, 9, 1207-1211.	5.0	64
130	Attenuated Expression of A20 Markedly Increases the Efficacy of Double-Stranded RNA-Activated Dendritic Cells As an Anti-Cancer Vaccine. Journal of Immunology, 2009, 182, 860-870.	0.4	64
131	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. Journal of Experimental Medicine, 2020, 217, .	4.2	64
132	Isolation and characterization of two novel A20-like proteins. Biochemical Journal, 2001, 357, 617.	1.7	63
133	Negative regulation of NF-ÎºB and its involvement in rheumatoid arthritis. Arthritis Research and Therapy, 2011, 13, 221.	1.6	63
134	Identification of Interaction Sites for Dimerization and Adapter Recruitment in Toll/Interleukin-1 Receptor (TIR) Domain of Toll-like Receptor 4. Journal of Biological Chemistry, 2012, 287, 4088-4098.	1.6	63
135	A20-Deficient Mast Cells Exacerbate Inflammatory Responses In Vivo. PLoS Biology, 2014, 12, e1001762.	2.6	62
136	Inflammation and NF-ÎºB Signaling in Prostate Cancer: Mechanisms and Clinical Implications. Cells, 2018, 7, 122.	1.8	61
137	Involvement of a serine protease in tumour-necrosis-factor-mediated cytotoxicity. FEBS Journal, 1988, 178, 257-265.	0.2	58
138	Nuclear factor-kappa B plays a central role in tumour necrosis factor-mediated liver disease. Biochemical Pharmacology, 2003, 66, 1409-1415.	2.0	57
139	Ubiquitin: tool and target for intracellular NF-ÎºB inhibitors. Trends in Immunology, 2006, 27, 533-540.	2.9	57
140	Oligodendrocyte-Specific FADD Deletion Protects Mice from Autoimmune-Mediated Demyelination. Journal of Immunology, 2010, 185, 7646-7653.	0.4	57
141	TIM3+ TRBV11-2 T cells and IFNÎ³ signature in patrolling monocytes and CD16+ NK cells delineate MIS-C. Journal of Experimental Medicine, 2022, 219, .	4.2	57
142	TRAF2 plays a dual role in NF-ÎºB-dependent gene activation by mediating the TNF-induced activation of p38 MAPK and IÎºB kinase pathways. FEBS Letters, 1998, 425, 195-198.	1.3	56
143	Antiinflammatory Properties of a Plant-Derived Nonsteroidal, Dissociated Glucocorticoid Receptor Modulator in Experimental Autoimmune Encephalomyelitis. Molecular Endocrinology, 2010, 24, 310-322.	3.7	55
144	Regulation of TNF-induced NF-ÎºB activation by different cytoplasmic ubiquitination events. Cytokine and Growth Factor Reviews, 2011, 22, 277-286.	3.2	55

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145	A20 prevents chronic liver inflammation and cancer by protecting hepatocytes from death. Cell Death and Disease, 2016, 7, e2250-e2250.	2.7	54
146	TAX1BP1, a ubiquitin-binding adaptor protein in innate immunity and beyond. Trends in Biochemical Sciences, 2011, 36, 347-54.	3.7	52
147	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. Journal of Clinical Investigation, 2018, 128, 3265-3279.	3.9	52
148	Structureâ€“Activity Relationship in Monosaccharide-Based Toll-Like Receptor 4 (TLR4) Antagonists. Journal of Medicinal Chemistry, 2018, 61, 2895-2909.	2.9	51
149	Cleavage of caspase family members by granzyme B: a comparative studyin vitro. European Journal of Immunology, 1997, 27, 1296-1299.	1.6	50
150	Death receptor signalling in central nervous system inflammation and demyelination. Trends in Neurosciences, 2011, 34, 619-628.	4.2	50
151	The multifaceted role of the E3 ubiquitin ligase <scp>HOIL</scp>â€1: beyond linear ubiquitination. Immunological Reviews, 2015, 266, 208-221.	2.8	50
152	A20 Deficiency in Lung Epithelial Cells Protects against Influenza A Virus Infection. PLoS Pathogens, 2016, 12, e1005410.	2.1	50
153	Reversion of autoimmune lymphoproliferative syndrome with an antimalarial drug: preliminary results of a clinical cohort study and molecular observations. British Journal of Haematology, 2002, 117, 176-188.	1.2	48
154	Ultrastructural localization of cytochromeâ€‰c in apoptosis demonstrates mitochondrial heterogeneity. Cell Death and Differentiation, 2000, 7, 331-337.	5.0	47
155	Receptor proximal kinases in NF-ÎºB signaling as potential therapeutic targets in cancer and inflammation. Biochemical Pharmacology, 2014, 92, 519-529.	2.0	47
156	Two distinct ubiquitin-binding motifs in A20 mediate its anti-inflammatory and cell-protective activities. Nature Immunology, 2020, 21, 381-387.	7.0	47
157	A CARD9 Founder Mutation Disrupts NF-ÎºB Signaling by Inhibiting BCL10 and MALT1 Recruitment and Signalosome Formation. Frontiers in Immunology, 2018, 9, 2366.	2.2	46
158	Tumor Necrosis Factor and Lymphotoxin. , 1998, , 335-360.		45
159	Adenoviral gene transfer of ABIN-1 protects mice from TNF/galactosamine-induced acute liver failure and lethality. Hepatology, 2005, 42, 381-389.	3.6	45
160	IL-33trap is a novel IL-33â€“neutralizing biologic that inhibits allergic airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 144, 204-215.	1.5	45
161	A20, an inhibitor of cell death, self-associates by its zinc finger domain. FEBS Letters, 1996, 384, 61-64.	1.3	44
162	A20 Inhibits NF-ÎºB Activation Independently of Binding to 14-3-3 Proteins. Biochemical and Biophysical Research Communications, 1997, 238, 590-594.	1.0	44

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163	Endoplasmic reticulum chaperone gp96 is essential for infection with vesicular stomatitis virus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6970-6975.	3.3	44
164	A human immune dysregulation syndrome characterized by severe hyperinflammation with a homozygous nonsense Roquin-1 mutation. Nature Communications, 2019, 10, 4779.	5.8	43
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