Daniel Krappmann

List of Publications by Citations

104 papers	9,188 citations	48 h-index	95 g-index
111 ext. papers	10,136 ext. citations	9 avg, IF	5.55 L-index

#	Paper	IF	Citations
104	NF-kappaB function in growth control: regulation of cyclin D1 expression and G0/G1-to-S-phase transition. *Molecular and Cellular Biology*, **1999**, 19, 2690-8	4.8	683
103	Constitutive nuclear factor-kappaB-RelA activation is required for proliferation and survival of Hodgkin's disease tumor cells. *Journal of Clinical Investigation*, **1997**, 100, 2961-9	15.9	614
102	Tissue-specific expression of a splicing mutation in the IKBKAP gene causes familial dysautonomia. *American Journal of Human Genetics*, **2001**, 68, 598-605	11	477
101	NF-kappaB and the innate immune response. *Current Opinion in Immunology*, **2000**, 12, 52-8	7.8	305
100	OTULIN antagonizes LUBAC signaling by specifically hydrolyzing Met1-linked polyubiquitin. *Cell*, **2013**, 153, 1312-26	56.2	304
99	High-level nuclear NF-kappa B and Oct-2 is a common feature of cultured Hodgkin/Reed-Sternberg cells. *Blood*, **1996**, 87, 4340-4347	2.2	286
98	Aberrantly expressed c-Jun and JunB are a hallmark of Hodgkin lymphoma cells, stimulate proliferation and synergize with NF-kappa B. *EMBO Journal*, **2002**, 21, 4104-13	13	270
97	Molecular mechanisms of constitutive NF-kappaB/Rel activation in Hodgkin/Reed-Sternberg cells. *Oncogene*, **1999**, 18, 943-53	9.2	241
96	Transcription factor NF-kappaB is constitutively activated in acute lymphoblastic leukemia cells. *Leukemia*, **2000**, 14, 399-402	10.7	233
95	Overexpression of I Kappa B Alpha Without Inhibition of NF-B Activity and Mutations in the I Kappa B Alpha Gene in Reed-Sternberg Cells. *Blood*, **1999**, 94, 3129-3134	2.2	230
94	Nuclear factor kappaB-dependent gene expression profiling of Hodgkin's disease tumor cells, pathogenetic significance, and link to constitutive signal transducer and activator of transcription 5a activity. *Journal of Experimental Medicine*, **2002**, 196, 605-17	16.6	218
93	Constitutive NF-kappaB maintains high expression of a characteristic gene network, including CD40, CD86, and a set of antiapoptotic genes in Hodgkin/Reed-Sternberg cells. *Blood*, **2001**, 97, 2798-807	2.2	217
92	The NF-kappa B/Rel and I kappa B gene families: mediators of immune response and inflammation. *Journal of Molecular Medicine*, **1996**, 74, 749-69	5.5	213
91	Purification and characterization of the human elongator complex. *Journal of Biological Chemistry*, **2002**, 277, 3047-52	5.4	191
90	Requirement of Hsp90 activity for IkappaB kinase (IKK) biosynthesis and for constitutive and inducible IKK and NF-kappaB activation. *Oncogene*, **2004**, 23, 5378-86	9.2	186
89	Cleavage of roquin and regnase-1 by the paracaspase MALT1 releases their cooperatively repressed targets to promote T(H)17 differentiation. *Nature Immunology*, **2014**, 15, 1079-89	19.1	184
88	A20 negatively regulates T cell receptor signaling to NF-kappaB by cleaving Malt1 ubiquitin chains. *Journal of Immunology*, **2009**, 182, 7718-28	5.3	184

87	The let-7 target gene mouse lin-41 is a stem cell specific E3 ubiquitin ligase for the miRNA pathway protein Ago2. *Nature Cell Biology*, **2009**, 11, 1411-20	23.4	178
86	Pharmacologic inhibition of MALT1 protease by phenothiazines as a therapeutic approach for the treatment of aggressive ABC-DLBCL. *Cancer Cell*, **2012**, 22, 825-37	24.3	176
85	NF-kappaB p105 is a target of IkappaB kinases and controls signal induction of Bcl-3-p50 complexes. *EMBO Journal*, **1999**, 18, 4766-78	13	167
84	Malt1 ubiquitination triggers NF-kappaB signaling upon T-cell activation. *EMBO Journal*, **2007**, 26, 4634-45	13	162
83	Different mechanisms control signal-induced degradation and basal turnover of the NF-kappaB inhibitor IkappaB alpha in vivo.. *EMBO Journal*, **1996**, 15, 6716-6726	13	157
82	Inhibition of MALT1 protease activity is selectively toxic for activated B cell-like diffuse large B cell lymphoma cells. *Journal of Experimental Medicine*, **2009**, 206, 2313-20	16.6	155
81	Parkin mediates neuroprotection through activation of IkappaB kinase/nuclear factor-kappaB signaling. *Journal of Neuroscience*, **2007**, 27, 1868-78	6.6	153
80	The E3 ligase parkin maintains mitochondrial integrity by increasing linear ubiquitination of NEMO. *Molecular Cell*, **2013**, 49, 908-21	17.6	152
79	Shared pathways of IkappaB kinase-induced SCF(betaTrCP)-mediated ubiquitination and degradation for the NF-kappaB precursor p105 and IkappaBalpha. *Molecular and Cellular Biology*, **2001**, 21, 1024-35	4.8	124
78	Degradation of Bcl10 induced by T-cell activation negatively regulates NF-kappa B signaling. *Molecular and Cellular Biology*, **2004**, 24, 3860-73	4.8	122
77	The IkappaB kinase complex and NF-kappaB act as master regulators of lipopolysaccharide-induced gene expression and control subordinate activation of AP-1. *Molecular and Cellular Biology*, **2004**, 24, 6488-500	4.8	119
76	Critical role of PI3K signaling for NF-kappaB-dependent survival in a subset of activated B-cell-like diffuse large B-cell lymphoma cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 272-7	11.5	112
75	Lymphotoxin and lipopolysaccharide induce NF-kappaB-p52 generation by a co-translational mechanism. *EMBO Reports*, **2003**, 4, 82-7	6.5	110
74	Essential role for IkappaB kinase beta in remodeling Carma1-Bcl10-Malt1 complexes upon T cell activation. *Molecular Cell*, **2006**, 23, 13-23	17.6	106
73	The I kappa B kinase (IKK) complex is tripartite and contains IKK gamma but not IKAP as a regular component. *Journal of Biological Chemistry*, **2000**, 275, 29779-87	5.4	99
72	A pervasive role of ubiquitin conjugation in activation and termination of IkappaB kinase pathways. *EMBO Reports*, **2005**, 6, 321-6	6.5	97
71	Viral targeting of the interferon-{beta}-inducing Traf family member-associated NF-{kappa}B activator (TANK)-binding kinase-1. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 13640-5	11.5	94
70	NF-B essential modulator (NEMO) interaction with linear and lys-63 ubiquitin chains contributes to NF-B activation. *Journal of Biological Chemistry*, **2011**, 286, 26107-17	5.4	84

69	Mechanisms and consequences of constitutive NF-B activation in B-cell lymphoid malignancies. *Oncogene*, **2014**, 33, 5655-65	9.2	82
68	Role of oxidative stress in ultrafine particle-induced exacerbation of allergic lung inflammation. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 984-91	10.2	80
67	The Ca2+-dependent phosphatase calcineurin controls the formation of the Carma1-Bcl10-Malt1 complex during T cell receptor-induced NF-kappaB activation. *Journal of Biological Chemistry*, **2011**, 286, 7522-34	5.4	77
66	In vitro susceptibility to TRAIL-induced apoptosis of acute leukemia cells in the context of TRAIL receptor gene expression and constitutive NF-kappa B activity. *Leukemia*, **2001**, 15, 921-8	10.7	76
65	B-cell receptor- and phorbol ester-induced NF-kappaB and c-Jun N-terminal kinase activation in B cells requires novel protein kinase C. *Molecular and Cellular Biology*, **2001**, 21, 6640-50	4.8	71
64	MALT1 directs B cell receptor-induced canonical nuclear factor-kappaB signaling selectively to the c-Rel subunit. *Nature Immunology*, **2007**, 8, 984-91	19.1	69
63	Alternative splicing of MALT1 controls signalling and activation of CD4(+) T cells. *Nature Communications*, **2016**, 7, 11292	17.4	63
62	Structural analysis of phenothiazine derivatives as allosteric inhibitors of the MALT1 paracaspase. *Angewandte Chemie - International Edition*, **2013**, 52, 10384-7	16.4	56
61	Pharmacological inhibition of MALT1 protease activity protects mice in a mouse model of multiple sclerosis. *Journal of Neuroinflammation*, **2014**, 11, 124	10.1	55
60	Progressive stages of mitochondrial destruction caused by cell toxic bile salts. *Biochimica Et Biophysica Acta - Biomembranes*, **2013**, 1828, 2121-33	3.8	53
59	CARD-Bcl10-Malt1 signalosomes: missing link to NF-kappaB. *Sciences STKE: Signal Transduction Knowledge Environment*, **2007**, 2007, pe21		53
58	Dephosphorylation of Carma1 by PP2A negatively regulates T-cell activation. *EMBO Journal*, **2011**, 30, 594-605	13	51
57	Signals from the nucleus: activation of NF-kappaB by cytosolic ATM in the DNA damage response. *Science Signaling*, **2011**, 4, pe2	8.8	48
56	Controlling NF-kappaB activation in T cells by costimulatory receptors. *Cell Death and Differentiation*, **2006**, 13, 834-42	12.7	43
55	Dlg3 trafficking and apical tight junction formation is regulated by nedd4 and nedd4-2 e3 ubiquitin ligases. *Developmental Cell*, **2011**, 21, 479-91	10.2	42
54	Bcl10-controlled Malt1 paracaspase activity is key for the immune suppressive function of regulatory T cells. *Nature Communications*, **2019**, 10, 2352	17.4	38
53	Lymphocyte signaling and activation by the CARMA1-BCL10-MALT1 signalosome. *Biological Chemistry*, **2016**, 397, 1315-1333	4.5	38
52	Psoriasis mutations disrupt CARD14 autoinhibition promoting BCL10-MALT1-dependent NF-B activation. *Biochemical Journal*, **2016**, 473, 1759-68	3.8	37

51	Canonical NF-B signaling in hepatocytes acts as a tumor-suppressor in hepatitis B virus surface antigen-driven hepatocellular carcinoma by controlling the unfolded protein response. *Hepatology*, **2016**, 63, 1592-607	11.2	37
50	B-cell receptor-driven MALT1 activity regulates MYC signaling in mantle cell lymphoma. *Blood*, **2017**, 129, 333-346	2.2	36
49	Targeting TRAF6 E3 ligase activity with a small-molecule inhibitor combats autoimmunity. *Journal of Biological Chemistry*, **2018**, 293, 13191-13203	5.4	36
48	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. *Molecular Cell*, **2020**, 77, 927-929	17.6	35
47	Hectd3 promotes pathogenic Th17 lineage through Stat3 activation and Malt1 signaling in neuroinflammation. *Nature Communications*, **2019**, 10, 701	17.4	34
46	Regulation of NF-kappa B activity by I kappa B alpha and I kappa B beta stability. *Immunobiology*, **1997**, 198, 3-13	3.4	34
45	Oncogenic CARMA1 couples NF-B and catenin signaling in diffuse large B-cell lymphomas. *Oncogene*, **2016**, 35, 4269-81	9.2	31
44	Activity-based probes for detection of active MALT1 paracaspase in immune cells and lymphomas. *Chemistry and Biology*, **2015**, 22, 129-38		30
43	YOD1/TRAF6 association balances p62-dependent IL-1 signaling to NF-B. *ELife*, **2017**, 6,	8.9	29
42	BCL10 - Bridging CARDs to Immune Activation. *Frontiers in Immunology*, **2018**, 9, 1539	8.4	28
41	COP9 signalosome controls the Carma1-Bcl10-Malt1 complex upon T-cell stimulation. *EMBO Reports*, **2009**, 10, 642-8	6.5	27
40	Molecular architecture and regulation of BCL10-MALT1 filaments. *Nature Communications*, **2018**, 9, 4041	17.4	27
39	Immunoproteasome subunit deficiency has no influence on the canonical pathway of NF-B activation. *Molecular Immunology*, **2017**, 83, 147-153	4.3	24
38	Regulation of the endosomal SNX27-retromer by OTULIN. *Nature Communications*, **2019**, 10, 4320	17.4	24
37	A Linear Diubiquitin-Based Probe for Efficient and Selective Detection of the Deubiquitinating Enzyme OTULIN. *Cell Chemical Biology*, **2017**, 24, 1299-1313.e7	8.2	22
36	Inhibition of Canonical NF-B Signaling by a Small Molecule Targeting NEMO-Ubiquitin Interaction. *Scientific Reports*, **2016**, 6, 18934	4.9	22
35	A20 and CYLD do not share significant overlapping functions during B cell development and activation. *Journal of Immunology*, **2012**, 189, 4437-43	5.3	21
34	Distinct isocomplexes of the TRAPP trafficking factor coexist inside human cells. *FEBS Letters*, **2008**, 582, 3729-33	3.8	21

33	Overexpression of I Kappa B Alpha Without Inhibition of NF-B Activity and Mutations in the I Kappa B Alpha Gene in Reed-Sternberg Cells. *Blood*, **1999**, 94, 3129-3134	2.2	21
32	Combinatorial BTK and MALT1 inhibition augments killing of CD79 mutant diffuse large B cell lymphoma. *Oncotarget*, **2015**, 6, 42232-42	3.3	20
31	S1PR1 drives a feedforward signalling loop to regulate BATF3 and the transcriptional programme of Hodgkin lymphoma cells. *Leukemia*, **2018**, 32, 214-223	10.7	19
30	MALT1 Phosphorylation Controls Activation of T Lymphocytes and Survival of ABC-DLBCL Tumor Cells. *Cell Reports*, **2019**, 29, 873-888.e10	10.6	17
29	Signal-dependent degradation of IkappaBalpha is mediated by an inducible destruction box that can be transferred to NF-kappaB, bcl-3 or p53. *Nucleic Acids Research*, **1998**, 26, 1724-30	20.1	17
28	Mechanisms of NF-B deregulation in lymphoid malignancies. *Seminars in Cancer Biology*, **2016**, 39, 3-14	12.7	16
27	AIP augments CARMA1-BCL10-MALT1 complex formation to facilitate NF-B signaling upon T cell activation. *Cell Communication and Signaling*, **2014**, 12, 49	7.5	15
26	Development of new Malt1 inhibitors and probes. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 3312-29	3.4	14
25	GSK3modulates NF-B activation and RelB degradation through site-specific phosphorylation of BCL10. *Scientific Reports*, **2018**, 8, 1352	4.9	10
24	MALT1 activation by TRAF6 needs neither BCL10 nor CARD11. *Biochemical and Biophysical Research Communications*, **2018**, 506, 48-52	3.4	10
23	Synthesis and Evaluation of Macrocyclic Peptide Aldehydes as Potent and Selective Inhibitors of the 20S Proteasome. *ACS Medicinal Chemistry Letters*, **2016**, 7, 250-5	4.3	9
22	Inactivation of the putative ubiquitin-E3 ligase PDLIM2 in classical Hodgkin and anaplastic large cell lymphoma. *Leukemia*, **2017**, 31, 602-613	10.7	9
21	Ubiquitin Conjugation and Deconjugation in NF-B Signaling. *Sub-Cellular Biochemistry*, **2010**, 54, 88-99	5.5	8
20	BCL10-CARD11 Fusion Mimics an Active CARD11 Seed That Triggers Constitutive BCL10 Oligomerization and Lymphocyte Activation. *Frontiers in Immunology*, **2018**, 9, 2695	8.4	7
19	MALT1 protease: equilibrating immunity versus tolerance. *EMBO Journal*, **2014**, 33, 2740-2	13	6
18	Regulation of S1PR2 by the EBV oncogene LMP1 in aggressive ABC-subtype diffuse large B-cell lymphoma. *Journal of Pathology*, **2019**, 248, 142-154	9.4	5
17	Use of Non-Natural Amino Acids for the Design and Synthesis of a Selective, Cell-Permeable MALT1 Activity-Based Probe. *Journal of Medicinal Chemistry*, **2020**, 63, 3996-4004	8.3	5
16	Shaping oncogenic NF-B activity in the nucleus. *Blood*, **2013**, 122, 2146-7	2.2	4

List of Publications

15	TRAF6 prevents fatal inflammation by homeostatic suppression of MALT1 protease. *Science Immunology*, **2021**, 6, eabh2095	28	4
14	Human immune disorder associated with homozygous hypomorphic mutation affecting MALT1B splice variant. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 775-778.e8	11.5	4
13	MALT1 is a Targetable Driver of Epithelial-to-Mesenchymal Transition in Claudin-low, Triple-Negative Breast Cancer. *Molecular Cancer Research*, **2021**,	6.6	3
12	MALT1 paracaspase: a unique protease involved in B-cell lymphomagenesis. *International Journal of Hematologic Oncology*, **2013**, 2, 409-417	1	2
11	Detection of recombinant and cellular MALT1 paracaspase activity. *Methods in Molecular Biology*, **2015**, 1280, 239-46	1.4	2
10	In vitro detection of NEMO-ubiquitin binding using DELFIA and microscale thermophoresis assays. *Methods in Molecular Biology*, **2015**, 1280, 311-20	1.4	1
9	Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency.. *Journal of Clinical Immunology*, **2022**, 1	5.7	1
8	A20 and ABIN-1 cooperate in balancing CBM complex-triggered NF-B signaling in activated T cells.. *Cellular and Molecular Life Sciences*, **2022**, 79, 112	10.3	1
7	Measurement of Endogenous MALT1 Activity. *Bio-protocol*, **2013**, 3,	0.9	1
6	A patent review of MALT1 inhibitors (2013-present). *Expert Opinion on Therapeutic Patents*, **2021**, 31, 1079-1096	6.8	1
5	Methods to Study CARD11-BCL10-MALT1 Dependent Canonical NF-B Activation in Jurkat T Cells. *Methods in Molecular Biology*, **2021**, 2366, 125-143	1.4	1
4	Strukturelle Analyse von Phenothiazin-Derivaten als allosterische Inhibitoren der MALT1-Paracaspase. *Angewandte Chemie*, **2013**, 125, 10575-10579	3.6	
3	B-Cell Receptor Driven MALT1 Activity Regulates MYC Signaling in Mantle Cell Lymphoma. *Blood*, **2016**, 128, 611-611	2.2	
2	Inhibition of MALT1 Protease Activity Is Selectively Toxic for Activated B CellA ,A like Diffuse Large B Cell Lymphoma Cells.. *Blood*, **2009**, 114, 1271-1271	2.2	
1	Phosphorylation of serine-893 in CARD11 suppresses the formation and activity of the CARD11-BCL10-MALT1 complex in T and B cells.. *Science Signaling*, **2022**, 15, eabk3083	8.8	