Daniel Krappmann

List of Publications by Year
in descending order

107 papers	10,885 citations	34105 52 h-index	30922 102 g-index
111 all docs	111 docs citations	111 times ranked	12553 citing authors

#	Article	IF	Citations
1	NF-ÎºB Function in Growth Control: Regulation of Cyclin D1 Expression and G₀/G₁-to-S-Phase Transition. Molecular and Cellular Biology, 1999, 19, 2690-2698.	2.3	745
2	Constitutive nuclear factor-kappaB-RelA activation is required for proliferation and survival of Hodgkin's disease tumor cells.. Journal of Clinical Investigation, 1997, 100, 2961-2969.	8.2	699
3	Tissue-Specific Expression of a Splicing Mutation in the Gene Causes Familial Dysautonomia. American Journal of Human Genetics, 2001, 68, 598-605.	6.2	558
4	OTULIN Antagonizes LUBAC Signaling by Specifically Hydrolyzing Met1-Linked Polyubiquitin. Cell, 2013, 153, 1312-1326.	28.9	395
5	NF- Îº B and the innate immune response. Current Opinion in Immunology, 2000, 12, 52-58.	5.5	323
6	Aberrantly expressed c-Jun and JunB are a hallmark of Hodgkin lymphoma cells, stimulate proliferation and synergize with NF-kappaB. EMBO Journal, 2002, 21, 4104-4113.	7.8	323
7	High-level nuclear NF-kappa B and Oct-2 is a common feature of cultured Hodgkin/Reed-Sternberg cells. Blood, 1996, 87, 4340-4347.	1.4	309
8	Molecular mechanisms of constitutive NF-ÎºB/Rel activation in Hodgkin/Reed-Sternberg cells. Oncogene, 1999, 18, 943-953.	5.9	265
9	Transcription factor NF-ÎºB is constitutively activated in acute lymphoblastic leukemia cells. Leukemia, 2000, 14, 399-402.	7.2	252
10	Overexpression of I Kappa B Alpha Without Inhibition of NF-ÎºB Activity and Mutations in the I Kappa B Alpha Gene in Reed-Sternberg Cells. Blood, 1999, 94, 3129-3134.	1.4	249
11	Constitutive NF-ÎºB 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, 2798-2807.	1.4	246
12	Nuclear Factor ÎºBâ€“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, 605-617.	8.5	244
13	Cleavage of roquin and regnase-1 by the paracaspase MALT1 releases their cooperatively repressed targets to promote TH17 differentiation. Nature Immunology, 2014, 15, 1079-1089.	14.5	238
14	The NF-ÎºB/Rel and IÎºB gene families: mediators of immune response and inflammation. Journal of Molecular Medicine, 1996, 74, 749-769.	3.9	235
15	Purification and Characterization of the Human Elongator Complex. Journal of Biological Chemistry, 2002, 277, 3047-3052.	3.4	230
16	A20 Negatively Regulates T Cell Receptor Signaling to NF-ÎºB by Cleaving Malt1 Ubiquitin Chains. Journal of Immunology, 2009, 182, 7718-7728.	0.8	222
17	Pharmacologic Inhibition of MALT1 Protease by Phenothiazines as a Therapeutic Approach for the Treatment of Aggressive ABC-DLBCL. Cancer Cell, 2012, 22, 825-837.	16.8	216
18	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, 1411-1420.	10.3	211

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19	Requirement of Hsp90 activity for IÎºB kinase (IKK) biosynthesis and for constitutive and inducible IKK and NF-Î°B activation. Oncogene, 2004, 23, 5378-5386.	5.9	208
20	Inhibition of MALT1 protease activity is selectively toxic for activated B cellâ€"like diffuse large B cell lymphoma cells. Journal of Experimental Medicine, 2009, 206, 2313-2320.	8.5	195
21	Malt1 ubiquitination triggers NF-Î°B signaling upon T-cell activation. EMBO Journal, 2007, 26, 4634-4645.	7.8	189
22	NF-kappa B p105 is a target of Ikappa B kinases and controls signal induction of Bcl-3-p50 complexes. EMBO Journal, 1999, 18, 4766-4778.	7.8	184
23	The E3 Ligase Parkin Maintains Mitochondrial Integrity by Increasing Linear Ubiquitination of NEMO. Molecular Cell, 2013, 49, 908-921.	9.7	183
24	Different mechanisms control signal-induced degradation and basal turnover of the NF-kappaB inhibitor IkappaB alpha in vivo.. EMBO Journal, 1996, 15, 6716-6726.	7.8	178
25	Parkin Mediates Neuroprotection through Activation of IÂB Kinase/Nuclear Factor-ÂB Signaling. Journal of Neuroscience, 2007, 27, 1868-1878.	3.6	171
26	The IÎºB Kinase Complex and NF-Î°B Actas Master Regulators of Lipopolysaccharide-Induced Gene Expressionand Control Subordinate Activation ofAP-1. Molecular and Cellular Biology, 2004, 24, 6488-6500.	2.3	152
27	Degradation of Bcl10 Induced by T-Cell Activation Negatively Regulates NF-Î°B Signaling. Molecular and Cellular Biology, 2004, 24, 3860-3873.	2.3	135
28	Shared Pathways of IÎºB Kinase-Induced SCF Î²TrCP -Mediated Ubiquitination and Degradation for the NF-Î°B Precursor p105 and IÎºBÎ±. Molecular and Cellular Biology, 2001, 21, 1024-1035.	2.3	133
29	Critical role of PI3K signaling for NF-Î°Bâ€"dependent survival in a subset of activated B-cellâ€"like diffuse large B-cell lymphoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 272-277.	7.1	127
30	Lymphotoxin and lipopolysaccharide induce NFâ€Î°Bâ€p52 generation by a coâ€translational mechanism. EMBO Reports, 2003, 4, 82-87.	4.5	118
31	Essential Role for IÎºB Kinase Î² in Remodeling Carma1-Bcl10-Malt1 Complexes upon T Cell Activation. Molecular Cell, 2006, 23, 13-23.	9.7	117
32	Mechanisms and consequences of constitutive NF-Î°B activation in B-cell lymphoid malignancies. Oncogene, 2014, 33, 5655-5665.	5.9	112
33	The IÎºB Kinase (IKK) Complex Is Tripartite and Contains IKKÎ³ but Not IKAP as a Regular Component. Journal of Biological Chemistry, 2000, 275, 29779-29787.	3.4	105
34	A pervasive role of ubiquitin conjugation in activation and termination of IÎºB kinase pathways. EMBO Reports, 2005, 6, 321-326.	4.5	105
35	Viral targeting of the interferon-Î²-inducing Traf family member-associated NF-Î°B activator (TANK)-binding kinase-1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13640-13645.	7.1	102
36	NF-Î°B Essential Modulator (NEMO) Interaction with Linear and Lys-63 Ubiquitin Chains Contributes to NF-Î°B Activation. Journal of Biological Chemistry, 2011, 286, 26107-26117.	3.4	102

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37	Alternative splicing of MALT1 controls signalling and activation of CD4+ T cells. Nature Communications, 2016, 7, 11292.	12.8	94
38	Role of Oxidative Stress in Ultrafine Particleâ€“induced Exacerbation of Allergic Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 984-991.	5.6	90
39	The Ca2+-dependent Phosphatase Calcineurin Controls the Formation of the Carma1-Bcl10-Malt1 Complex during T Cell Receptor-induced NF-Î°B Activation. Journal of Biological Chemistry, 2011, 286, 7522-7534.	3.4	89
40	In vitro susceptibility to TRAIL-induced apoptosis of acute leukemia cells in the context of TRAIL receptor gene expression and constitutive NF-Î°B activity. Leukemia, 2001, 15, 921-928.	7.2	80
41	B-Cell Receptor- and Phorbol Ester-Induced NF-Î°B and c-Jun N-Terminal Kinase Activation in B Cells Requires Novel Protein Kinase C's. Molecular and Cellular Biology, 2001, 21, 6640-6650.	2.3	78
42	MALT1 directs B cell receptorâ€“induced canonical nuclear factor-Î°B signaling selectively to the c-Rel subunit. Nature Immunology, 2007, 8, 984-991.	14.5	78
43	Pharmacological inhibition of MALT1 protease activity protects mice in a mouse model of multiple sclerosis. Journal of Neuroinflammation, 2014, 11, 124.	7.2	76
44	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. Molecular Cell, 2020, 77, 927-929.	9.7	71
45	Structural Analysis of Phenothiazine Derivatives as Allosteric Inhibitors of the MALT1 Paracaspase. Angewandte Chemie - International Edition, 2013, 52, 10384-10387.	13.8	70
46	Bcl10-controlled Malt1 paracaspase activity is key for the immune suppressive function of regulatory T cells. Nature Communications, 2019, 10, 2352.	12.8	68
47	Progressive stages of mitochondrial destruction caused by cell toxic bile salts. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2121-2133.	2.6	62
48	Psoriasis mutations disrupt CARD14 autoinhibition promoting BCL10-MALT1-dependent NF-Î°B activation. Biochemical Journal, 2016, 473, 1759-1768.	3.7	62
49	CARD-Bcl10-Malt1 Signalosomes: Missing Link to NF-Î°B. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe21.	3.9	60
50	Dephosphorylation of Carma1 by PP2A negatively regulates T-cell activation. EMBO Journal, 2011, 30, 594-605.	7.8	60
51	Lymphocyte signaling and activation by the CARMA1-BCL10-MALT1 signalosome. Biological Chemistry, 2016, 397, 1315-1333.	2.5	59
52	B-cell receptorâ€“driven MALT1 activity regulates MYC signaling in mantle cell lymphoma. Blood, 2017, 129, 333-346.	1.4	57
53	Hectd3 promotes pathogenic Th17 lineage through Stat3 activation and Malt1 signaling in neuroinflammation. Nature Communications, 2019, 10, 701.	12.8	57
54	Signals from the Nucleus: Activation of NF-Î°B by Cytosolic ATM in the DNA Damage Response. Science Signaling, 2011, 4, pe2.	3.6	56

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55	Targeting TRAF6 E3 ligase activity with a small-molecule inhibitor combats autoimmunity. Journal of Biological Chemistry, 2018, 293, 13191-13203.	3.4	52
56	Canonical NFâ€Î°B signaling in hepatocytes acts as a tumorâ€suppressor in hepatitis B virus surface antigenâ€driven hepatocellular carcinoma by controlling the unfolded protein response. Hepatology, 2016, 63, 1592-1607.	7.3	51
57	Controlling NF-Î°B activation in T cells by costimulatory receptors. Cell Death and Differentiation, 2006, 13, 834-842.	11.2	50
58	Dlg3 Trafficking and Apical Tight Junction Formation Is Regulated by Nedd4 and Nedd4-2 E3Â Ubiquitin Ligases. Developmental Cell, 2011, 21, 479-491.	7.0	48
59	YOD1/TRAF6 association balances p62-dependent IL-1 signaling to NF-Î°B. ELife, 2017, 6, .	6.0	48
60	Molecular architecture and regulation of BCL10-MALT1 filaments. Nature Communications, 2018, 9, 4041.	12.8	47
61	BCL10 â€" Bridging CARDs to Immune Activation. Frontiers in Immunology, 2018, 9, 1539.	4.8	46
62	Oncogenic CARMA1 couples NF-Î°B and Î²-catenin signaling in diffuse large B-cell lymphomas. Oncogene, 2016, 35, 4269-4281.	5.9	44
63	A Linear Diubiquitin-Based Probe for Efficient and Selective Detection of the Deubiquitinating Enzyme OTULIN. Cell Chemical Biology, 2017, 24, 1299-1313.e7.	5.2	41
64	Regulation of NF-Î°B activity by IÎ°BÎ± and IÎ°BÎ² Stability. Immunobiology, 1997, 198, 3-13.	1.9	38
65	Activity-Based Probes for Detection of Active MALT1 Paracaspase in Immune Cells and Lymphomas. Chemistry and Biology, 2015, 22, 129-138.	6.0	36
66	Regulation of the endosomal SNX27-retromer by OTULIN. Nature Communications, 2019, 10, 4320.	12.8	34
67	COP9 signalosome controls the Carma1â€"Bcl10â€"Malt1 complex upon Tâ€cell stimulation. EMBO Reports, 2009, 10, 642-648.	4.5	31
68	Combinatorial BTK and MALT1 inhibition augments killing of CD79 mutant diffuse large B cell lymphoma. Oncotarget, 2015, 6, 42232-42242.	1.8	31
69	Immunoproteasome subunit deficiency has no influence on the canonical pathway of NF-Î°B activation. Molecular Immunology, 2017, 83, 147-153.	2.2	29
70	Inhibition of Canonical NF-Î°B Signaling by a Small Molecule Targeting NEMO-Ubiquitin Interaction. Scientific Reports, 2016, 6, 18934.	3.3	26
71	S1PR1 drives a feedforward signalling loop to regulate BATF3 and the transcriptional programme of Hodgkin lymphoma cells. Leukemia, 2018, 32, 214-223.	7.2	25
72	A20 and CYLD Do Not Share Significant Overlapping Functions during B Cell Development and Activation. Journal of Immunology, 2012, 189, 4437-4443.	0.8	24

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73	Mechanisms of NF-Î°B deregulation in lymphoid malignancies. Seminars in Cancer Biology, 2016, 39, 3-14.	9.6	24
74	Distinct isocomplexes of the TRAPP trafficking factor coexist inside human cells. FEBS Letters, 2008, 582, 3729-3733.	2.8	22
75	MALT1 Phosphorylation Controls Activation of T Lymphocytes and Survival of ABC-DLBCL Tumor Cells. Cell Reports, 2019, 29, 873-888.e10.	6.4	22
76	AIP augments CARMA1-BCL10-MALT1 complex formation to facilitate NF-Î°B signaling upon T cell activation. Cell Communication and Signaling, 2014, 12, 49.	6.5	21
77	GSK3Î² modulates NF-Î°B activation and RelB degradation through site-specific phosphorylation of BCL10. Scientific Reports, 2018, 8, 1352.	3.3	21
78	Overexpression of I Kappa B Alpha Without Inhibition of NF-Î°B Activity and Mutations in the I Kappa B Alpha Gene in Reed-Sternberg Cells. Blood, 1999, 94, 3129-3134.	1.4	21
79	Signal-dependent degradation of IÂBÂ is mediated by an inducible destruction box that can be transferred to NF-ÂB, Bcl-3 or p53. Nucleic Acids Research, 1998, 26, 1724-1730.	14.5	18
80	Development of new Malt1 inhibitors and probes. Bioorganic and Medicinal Chemistry, 2016, 24, 3312-3329.	3.0	18
81	TRAF6 prevents fatal inflammation by homeostatic suppression of MALT1 protease. Science Immunology, 2021, 6, eabh2095.	11.9	17
82	A patent review of MALT1 inhibitors (2013-present). Expert Opinion on Therapeutic Patents, 2021, 31, 1079-1096.	5.0	15
83	Inactivation of the putative ubiquitin-E3 ligase PDLIM2 in classical Hodgkin and anaplastic large cell lymphoma. Leukemia, 2017, 31, 602-613.	7.2	14
84	Human immune disorder associated with homozygous hypomorphic mutation affecting MALT1B splice variant. Journal of Allergy and Clinical Immunology, 2021, 147, 775-778.e8.	2.9	13
85	BCL10-CARD11 Fusion Mimics an Active CARD11 Seed That Triggers Constitutive BCL10 Oligomerization and Lymphocyte Activation. Frontiers in Immunology, 2018, 9, 2695.	4.8	12
86	MALT1 activation by TRAF6 needs neither BCL10 nor CARD11. Biochemical and Biophysical Research Communications, 2018, 506, 48-52.	2.1	12
87	Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency. Journal of Clinical Immunology, 2022, 42, 634-652.	3.8	12
88	A20 and ABIN-1 cooperate in balancing CBM complex-triggered NF-Î°B signaling in activated T cells. Cellular and Molecular Life Sciences, 2022, 79, 112.	5.4	11
89	Synthesis and Evaluation of Macrocyclic Peptide Aldehydes as Potent and Selective Inhibitors of the 20S Proteasome. ACS Medicinal Chemistry Letters, 2016, 7, 250-255.	2.8	10
90	Ubiquitin Conjugation and Deconjugation in NF-Î°B Signaling. Sub-Cellular Biochemistry, 2010, 54, 88-99.	2.4	10

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91	Regulation of S1PR2 by the EBV oncogene LMP1 in aggressive ABCâ€subtype diffuse large Bâ€cell lymphoma. Journal of Pathology, 2019, 248, 142-154.	4.5	8
92	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.	6.4	8
93	MALT 1 protease: equilibrating immunity versus tolerance. EMBO Journal, 2014, 33, 2740-2742.	7.8	7
94	MALT1 Is a Targetable Driver of Epithelial-to-Mesenchymal Transition in Claudin-Low, Triple-Negative Breast Cancer. Molecular Cancer Research, 2022, 20, 373-386.	3.4	7
95	Shaping oncogenic NF-Î°B activity in the nucleus. Blood, 2013, 122, 2146-2147.	1.4	4
96	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.	3.6	3
97	Inhibition of MALT1 protease activity is selectively toxic for activated B cellâ€"like diffuse large B cell lymphoma cells. Journal of Experimental Medicine, 2009, 206, 2851-2851.	8.5	2
98	MALT1 paracaspase: a unique protease involved in B-cell lymphomagenesis. International Journal of Hematologic Oncology, 2013, 2, 409-417.	1.6	2
99	In Vitro Detection of NEMOâ€"Ubiquitin Binding Using DELFIA and Microscale Thermophoresis Assays. Methods in Molecular Biology, 2015, 1280, 311-320.	0.9	2
100	Detection of Recombinant and Cellular MALT1 Paracaspase Activity. Methods in Molecular Biology, 2015, 1280, 239-246.	0.9	2
101	Methods to Study CARD11-BCL10-MALT1 Dependent Canonical NF-Î°B Activation in Jurkat T Cells. Methods in Molecular Biology, 2021, 2366, 125-143.	0.9	1
102	Attacking MALT1 for ABC-DLBCL therapy. Oncotarget, 2012, 3, 1489-1490.	1.8	1
103	Measurement of Endogenous MALT1 Activity. Bio-protocol, 2013, 3, .	0.4	1
104	Strukturelle Analyse von Phenothiazinâ€Derivaten als allosterische Inhibitoren der MALT1â€Paracaspase. Angewandte Chemie, 2013, 125, 10575-10579.	2.0	0
105	Inhibition of MALT1 Protease Activity Is Selectively Toxic for Activated B CellÃÌƒ‚Ã‚â€"Like Diffuse Large B Cell Lymphoma Cells.. Blood, 2009, 114, 1271-1271.	1.4	0
106	B-Cell Receptor Driven MALT1 Activity Regulates MYC Signaling in Mantle Cell Lymphoma. Blood, 2016, 128, 611-611.	1.4	0
107	Optimized CRISPR-Cas9-based Strategy for Complex Gene Targeting in Murine Embryonic Stem Cells for Germline Transmission. Bio-protocol, 2022, 12, .	0.4	0