

# Michael J May

## List of Publications by Year in descending order

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76  
papers

12,508  
citations

53794

45  
h-index

79698

73  
g-index

76  
all docs

76  
docs citations

76  
times ranked

14952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Calcium Control of Canonical NF- $\kappa$ B Signaling in B Lymphocytes. <i>Methods in Molecular Biology</i> , 2021, 2366, 145-164.	0.9	2
2	Lymph node formation and B cell homeostasis require IKK- $\hat{\pm}$ in distinct endothelial cell-derived compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	1
3	4-1BB costimulation promotes CAR T cell survival through noncanonical NF- $\kappa$ B signaling. <i>Science Signaling</i> , 2020, 13, .	3.6	115
4	BCR-Induced Ca <sup>2+</sup> Signals Dynamically Tune Survival, Metabolic Reprogramming, and Proliferation of Naive B Cells. <i>Cell Reports</i> , 2020, 31, 107474.	6.4	54
5	STIM- and Orai-mediated calcium entry controls NF- $\kappa$ B activity and function in lymphocytes. <i>Cell Calcium</i> , 2018, 74, 131-143.	2.4	61
6	4-1BB-Costimulated CAR-Mediated Non-Canonical NF-Kb Signaling Enhances CAR T Cell Survival and Suppresses Bim Expression. <i>Blood</i> , 2018, 132, 3713-3713.	1.4	1
7	T Cell Receptor-induced Nuclear Factor $\kappa$ B (NF- $\kappa$ B) Signaling and Transcriptional Activation Are Regulated by STIM1- and Orai1-mediated Calcium Entry. <i>Journal of Biological Chemistry</i> , 2016, 291, 8440-8452.	3.4	55
8	NF-kappa B. <i>Methods in Molecular Biology</i> , 2015, 1280, v-viii.	0.9	1
9	Understanding high endothelial venules: Lessons for cancer immunology. <i>Oncolmmunology</i> , 2015, 4, e1008791.	4.6	70
10	Epithelial-intrinsic IKK $\hat{\pm}$ expression regulates group 3 innate lymphoid cell responses and antibacterial immunity. <i>Journal of Experimental Medicine</i> , 2015, 212, 1513-1528.	8.5	79
11	Stable Reconstitution of IKK-Deficient Mouse Embryonic Fibroblasts. <i>Methods in Molecular Biology</i> , 2015, 1280, 181-195.	0.9	1
12	NEMO-Binding Domain Peptide Inhibition of Inflammatory Signal-Induced NF- $\kappa$ B Activation In Vivo. <i>Methods in Molecular Biology</i> , 2015, 1280, 505-525.	0.9	5
13	Sneaking-Ligand Fusion Proteins Attenuate Serum Transfer Arthritis by Endothelium-Targeted NF- $\kappa$ B Inhibition. <i>Methods in Molecular Biology</i> , 2015, 1280, 579-591.	0.9	8
14	Noncanonical NF- $\kappa$ B Activation and SDF-1 Expression in Human Endothelial Cells. <i>Methods in Molecular Biology</i> , 2015, 1280, 155-180.	0.9	3
15	A Phase I Clinical Trial of Systemically Delivered NEMO Binding Domain Peptide in Dogs with Spontaneous Activated B-Cell like Diffuse Large B-Cell Lymphoma. <i>PLoS ONE</i> , 2014, 9, e95404.	2.5	39
16	Triggering ubiquitination of $\langle \text{sc} \rangle \text{IFNAR} \langle / \text{sc} \rangle$ 1 protects tissues from inflammatory injury. <i>EMBO Molecular Medicine</i> , 2014, 6, 384-397.	6.9	52
17	Noncanonical NF- $\kappa$ B Signaling Is Limited by Classical NF- $\kappa$ B Activity. <i>Science Signaling</i> , 2014, 7, ra13.	3.6	49
18	Negative feedback regulation of NF- $\kappa$ B-inducing kinase is proteasome-dependent but does not require cellular inhibitors of apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 341-346.	2.1	7

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19	NF- $\kappa$ B inhibitor targeted to activated endothelium demonstrates a critical role of endothelial NF- $\kappa$ B in immune-mediated diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16556-16561.	7.1	77
20	Atypical mechanism of NF- $\kappa$ B activation by TRE17/ubiquitin-specific protease 6 (USP6) oncogene and its requirement in tumorigenesis. <i>Oncogene</i> , 2012, 31, 3525-3535.	5.9	58
21	IL-17R signaling: new players get in on the Act1. <i>Nature Immunology</i> , 2011, 12, 813-815.	14.5	23
22	The NF- $\kappa$ B paradox: RelB induces and inhibits gene expression. <i>Cell Cycle</i> , 2011, 10, 6-7.	2.6	19
23	A Critical Role for SOCS3 in Innate Resistance to <i>Toxoplasma gondii</i> . <i>Cell Host and Microbe</i> , 2011, 10, 224-236.	11.0	69
24	The RET/PTC3 oncogene activates classical NF- $\kappa$ B by stabilizing NIK. <i>Oncogene</i> , 2011, 30, 87-96.	5.9	29
25	NEMO-Binding Domain Peptide Inhibits Constitutive NF- $\kappa$ B Activity and Reduces Tumor Burden in a Canine Model of Relapsed, Refractory Diffuse Large B-Cell Lymphoma. <i>Clinical Cancer Research</i> , 2011, 17, 4661-4671.	7.0	48
26	Requirement of FADD, NEMO, and BAX/BAK for Aberrant Mitochondrial Function in Tumor Necrosis Factor Alpha-Induced Necrosis. <i>Molecular and Cellular Biology</i> , 2011, 31, 3745-3758.	2.3	97
27	Classical NF- $\kappa$ B Activation Negatively Regulates Noncanonical NF- $\kappa$ B-dependent CXCL12 Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 38069-38077.	3.4	39
28	Cutting Edge: Association with I $\kappa$ B Kinase $\beta$ 2 Regulates the Subcellular Localization of Homer3. <i>Journal of Immunology</i> , 2010, 185, 2665-2669.	0.8	7
29	Constitutive noncanonical NF- $\kappa$ B signaling in pancreatic cancer cells. <i>Cancer Biology and Therapy</i> , 2009, 8, 1567-1576.	3.4	74
30	NEMO-binding Domains of Both IKK $\alpha$ and IKK $\beta$ Regulate I $\kappa$ B Kinase Complex Assembly and Classical NF- $\kappa$ B Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 27596-27608.	3.4	40
31	Inhibiting Proinflammatory NF- $\kappa$ B Signaling Using Cell-Penetrating NEMO Binding Domain Peptides. <i>Methods in Molecular Biology</i> , 2009, 512, 209-232.	0.9	13
32	Cell penetrating peptide inhibitors of Nuclear Factor-kappa B. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3564-3591.	5.4	62
33	The I $\kappa$ B kinase complex: master regulator of NF- $\kappa$ B signaling. <i>Immunologic Research</i> , 2008, 42, 3-18.	2.9	216
34	DNA double-strand breaks activate a multi-functional genetic program in developing lymphocytes. <i>Nature</i> , 2008, 456, 819-823.	27.8	137
35	Hypomorphic nuclear factor- $\kappa$ B essential modulator mutation database and reconstitution system identifies phenotypic and immunologic diversity. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 1169-1177.e16.	2.9	240
36	NFAT Binding and Regulation of T Cell Activation by the Cytoplasmic Scaffolding Homer Proteins. <i>Science</i> , 2008, 319, 476-481.	12.6	100

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37	Raising the price of platinum: Inhibition of NF- $\kappa$ B in human tumor epithelial cells. <i>Cancer Biology and Therapy</i> , 2008, 7, 1415-1417.	3.4	1
38	Lymphotoxin- $\beta$ 1 $\beta$ 2 and LIGHT Induce Classical and Noncanonical NF- $\kappa$ B-Dependent Proinflammatory Gene Expression in Vascular Endothelial Cells. <i>Journal of Immunology</i> , 2008, 180, 3467-3477.	0.8	71
39	Strong Neuroprotection by Inhibition of NF- $\kappa$ B After Neonatal Hypoxia-Ischemia Involves Apoptotic Mechanisms but Is Independent of Cytokines. <i>Stroke</i> , 2008, 39, 2129-2137.	2.0	112
40	A Dual Role of the NF- $\kappa$ B Pathway in Neonatal Hypoxic-Ischemic Brain Damage. <i>Stroke</i> , 2008, 39, 2578-2586.	2.0	101
41	Interleukin-1-induced NF- $\kappa$ B Activation Is NEMO-dependent but Does Not Require IKK $\beta$ . <i>Journal of Biological Chemistry</i> , 2007, 282, 8724-8733.	3.4	75
42	Caspase Inhibition Sensitizes Inhibitor of NF- $\kappa$ B Kinase $\beta$ -deficient Fibroblasts to Caspase-independent Cell Death via the Generation of Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2007, 282, 16105-16116.	3.4	39
43	Inhibition of Nuclear Factor- $\kappa$ B Ameliorates Bowel Injury and Prolongs Survival in a Neonatal Rat Model of Necrotizing Enterocolitis. <i>Pediatric Research</i> , 2007, 61, 716-721.	2.3	84
44	NKp30 Ligation Induces Rapid Activation of the Canonical NF- $\kappa$ B Pathway in NK Cells. <i>Journal of Immunology</i> , 2007, 179, 7385-7396.	0.8	29
45	G Protein-Coupled Receptor Ca <sup>2+</sup> -Linked Mitochondrial Reactive Oxygen Species Are Essential for Endothelial/Leukocyte Adherence. <i>Molecular and Cellular Biology</i> , 2007, 27, 7582-7593.	2.3	45
46	171 Intestinal Epithelial Cell-derived TSLP Regulates DC and CD4 T Cell Responses in the Gastrointestinal Tract. <i>Cytokine</i> , 2007, 39, 47.	3.2	0
47	Noncanonical NF- $\kappa$ B signaling in dendritic cells is required for indoleamine 2,3-dioxygenase (IDO) induction and immune regulation. <i>Blood</i> , 2007, 110, 1540-1549.	1.4	143
48	Epithelial-cell-intrinsic IKK $\beta$ expression regulates intestinal immune homeostasis. <i>Nature</i> , 2007, 446, 552-556.	27.8	479
49	Local treatment with the selective I $\kappa$ B kinase beta inhibitor NEMO-binding domain peptide ameliorates synovial inflammation. <i>Arthritis Research and Therapy</i> , 2006, 8, R86.	3.5	69
50	Lipopolysaccharide induces CXCL2/macrophage inflammatory protein-2 gene expression in enterocytes via NF- $\kappa$ B activation: independence from endogenous TNF-alpha and platelet-activating factor. <i>Immunology</i> , 2006, 118, 153-163.	4.4	66
51	Selective Inhibition of Nuclear Factor- $\kappa$ B Activation After Hypoxia/Ischemia in Neonatal Rats Is Not Neuroprotective. <i>Pediatric Research</i> , 2006, 59, 232-236.	2.3	17
52	A Nuclear Factor in B Cells and Beyond. <i>Journal of Immunology</i> , 2006, 177, 7483-7484.	0.8	7
53	Intestinal epithelial cells release CXCL $\beta$ 2 in response to lipopolysaccharide via NF $\kappa$ B and IKK activation. <i>FASEB Journal</i> , 2006, 20, A1094.	0.5	0
54	NF $\kappa$ B Activates <i>in vivo</i> the Synthesis of Inducible Cox-2 in the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1047-1059.	4.3	73

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55	Selective inhibition of NF- $\kappa$ B in dendritic cells by the NEMO-binding domain peptide blocks maturation and prevents T cell proliferation and polarization. <i>European Journal of Immunology</i> , 2005, 35, 1164-1174.	2.9	63
56	Initiation and termination of NF- $\kappa$ B signaling by the intracellular protozoan parasite <i>Toxoplasma gondii</i> . <i>Journal of Cell Science</i> , 2005, 118, 3501-3508.	2.0	61
57	Inactivation of the Cerebral NF- $\kappa$ B Pathway Inhibits Interleukin-1 $\beta$ -Induced Sickness Behavior and c-Fos Expression in Various Brain Nuclei. <i>Neuropsychopharmacology</i> , 2005, 30, 1492-1499.	5.4	118
58	Inhibition of inhibitor of $\kappa$ B kinases stimulates hepatic stellate cell apoptosis and accelerated recovery from rat liver fibrosis. <i>Gastroenterology</i> , 2005, 128, 108-120.	1.3	256
59	A Novel Ubiquitin-like Domain in $\kappa$ B Kinase $\beta$ Is Required for Functional Activity of the Kinase. <i>Journal of Biological Chemistry</i> , 2004, 279, 45528-45539.	3.4	52
60	Selective inhibition of NF- $\kappa$ B blocks osteoclastogenesis and prevents inflammatory bone destruction in vivo. <i>Nature Medicine</i> , 2004, 10, 617-624.	30.7	465
61	RelB Forms Transcriptionally Inactive Complexes with RelA/p65. <i>Journal of Biological Chemistry</i> , 2003, 278, 19852-19860.	3.4	130
62	Tumor Necrosis Factor- $\alpha$ Induces Nuclear Factor- $\kappa$ B-dependent TRPC1 Expression in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 37195-37203.	3.4	87
63	Characterization of the $\kappa$ B-kinase NEMO Binding Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 45992-46000.	3.4	137
64	Inhibition of Nuclear Factor Kappa B (NF- $\kappa$ B):: An Emerging Theme in Anti-Inflammatory Therapies. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2002, 2, 22-35.	3.4	218
65	The Phosphorylation Status of Nuclear NF- $\kappa$ B Determines Its Association with CBP/p300 or HDAC-1. <i>Molecular Cell</i> , 2002, 9, 625-636.	9.7	896
66	Selective targeting of the nuclear factor- $\kappa$ B pathway enhances tumor necrosis factor- $\alpha$ -related apoptosis-inducing ligand-mediated pancreatic cancer cell death. <i>Surgery</i> , 2002, 132, 127-134.	1.9	67
67	SIGNAL TRANSDUCTION: $\kappa$ B Kinases: Kinsmen with Different Crafts. <i>Science</i> , 1999, 284, 271-273.	12.6	127
68	Signal transduction through NF- $\kappa$ B. <i>Trends in Immunology</i> , 1998, 19, 80-88.	7.5	1,045
69	NF- $\kappa$ B AND REL PROTEINS: Evolutionarily Conserved Mediators of Immune Responses. <i>Annual Review of Immunology</i> , 1998, 16, 225-260.	21.8	4,878
70	Activation of p42mapkin human umbilical vein endothelial cells by interleukin-1 $\alpha$ and tumor necrosis factor- $\alpha$ . <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C789-C798.	4.6	20
71	Rel/NF- $\kappa$ B and $\kappa$ B proteins: an overview. <i>Seminars in Cancer Biology</i> , 1997, 8, 63-73.	9.6	335
72	Effects of protein tyrosine kinase inhibitors on cytokine-induced adhesion molecule expression by human umbilical vein endothelial cells. <i>British Journal of Pharmacology</i> , 1996, 118, 1761-1771.	5.4	60

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73	Inhibition of MAP kinase kinase (MEK) blocks endothelial PGI <sub>2</sub> release but has no effect on von Willebrand factor secretion or E-selectin expression. FEBS Letters, 1996, 388, 180-184.	2.8	40
74	Protein tyrosine kinases regulate agonist-stimulated prostacyclin release but not von Willebrand factor secretion from human umbilical vein endothelial cells. Biochemical Journal, 1996, 315, 407-416.	3.7	25
75	ICAM-1-independent lymphocyte transmigration across high endothelium : Differential up-regulation by interferon $\beta$ , tumor necrosis factor- $\alpha$ and interleukin $1\beta$ . European Journal of Immunology, 1992, 22, 219-226.	2.9	66
76	BCR-Induced Ca <sup>2+</sup> Signals Dynamically Tune Key Checkpoints that Control the Survival, Metabolic Reprogramming, and Proliferation of Naïve B Cells. SSRN Electronic Journal, 0, , .	0.4	0