Marc Schmidt-Supprian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6483799/publications.pdf

Version: 2024-02-01

96 papers	10,915 citations	41344 49 h-index	43889 91 g-index
97 all docs	97 docs citations	97 times ranked	18196 citing authors

#	Article	IF	Citations
1	Regulation of the Germinal Center Response by MicroRNA-155. Science, 2007, 316, 604-608.	12.6	1,393
2	TNF-mediated inflammatory skin disease in mice with epidermis-specific deletion of IKK2. Nature, 2002, 417, 861-866.	27.8	439
3	NEMO/IKKÎ³-Deficient Mice Model Incontinentia Pigmenti. Molecular Cell, 2000, 5, 981-992.	9.7	428
4	Phosphatidylcholine Synthesis for Lipid Droplet Expansion Is Mediated by Localized Activation of CTP:Phosphocholine Cytidylyltransferase. Cell Metabolism, 2011, 14, 504-515.	16.2	408
5	Vagaries of conditional gene targeting. Nature Immunology, 2007, 8, 665-668.	14.5	374
6	K + Efflux-Independent NLRP3 Inflammasome Activation by Small Molecules Targeting Mitochondria. Immunity, 2016, 45, 761-773.	14.3	364
7	TNF Family Member B Cell-Activating Factor (BAFF) Receptor-Dependent and -Independent Roles for BAFF in B Cell Physiology. Journal of Immunology, 2004, 173, 2245-2252.	0.8	335
8	Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic TH17 cells. Nature Immunology, 2017, 18, 74-85.	14.5	311
9	Canonical NF-ÎºB Activity, Dispensable for B Cell Development, Replaces BAFF-Receptor Signals and Promotes B Cell Proliferation upon Activation. Immunity, 2006, 24, 729-739.	14.3	295
10	Î³-secretase directly sheds the survival receptor BCMA from plasma cells. Nature Communications, 2015, 6, 7333.	12.8	267
11	Continuous T Cell Receptor Signals Maintain a Functional Regulatory T Cell Pool. Immunity, 2014, 41, 722-736.	14.3	262
12	Enterocyte-specific A20 deficiency sensitizes to tumor necrosis factorâ€“induced toxicity and experimental colitis. Journal of Experimental Medicine, 2010, 207, 1513-1523.	8.5	261
13	A20 (TNFAIP3) deficiency in myeloid cells triggers erosive polyarthritis resembling rheumatoid arthritis. Nature Genetics, 2011, 43, 908-912.	21.4	250
14	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
15	Tissue-specific tumorigenesis: context matters. Nature Reviews Cancer, 2017, 17, 239-253.	28.4	234
16	A bacterial E3 ubiquitin ligase IpaH9.8 targets NEMO/IKKÎ³ to dampen the host NF-ÎºB-mediated inflammatory response. Nature Cell Biology, 2010, 12, 66-73.	10.3	225
17	Yin Yang 1 is a critical regulator of B-cell development. Genes and Development, 2007, 21, 1179-1189.	5.9	223
18	Differential dependence of CD4+CD25+ regulatory and natural killer-like T cells on signals leading to NF-ÂB activation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4566-4571.	7.1	218

#	Article	IF	Citations
19	Mature T Cells Depend on Signaling through the IKK Complex. Immunity, 2003, 19, 377-389.	14.3	201
20	Inhibition of transcription factor NF-ÎºB in the central nervous system ameliorates autoimmune encephalomyelitis in mice. Nature Immunology, 2006, 7, 954-961.	14.5	182
21	Roquin Paralogs 1 and 2 Redundantly Repress the Icos and Ox40 Costimulator mRNAs and Control Follicular Helper T Cell Differentiation. Immunity, 2013, 38, 655-668.	14.3	178
22	Constitutive Canonical NF-ÎºB Activation Cooperates with Disruption of BLIMP1 in the Pathogenesis of Activated B Cell-like Diffuse Large Cell Lymphoma. Cancer Cell, 2010, 18, 580-589.	16.8	177
23	IÎºB Kinase Signaling Is Essential for Maintenance of Mature B Cells. Journal of Experimental Medicine, 2002, 196, 743-752.	8.5	176
24	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.	1.4	165
25	Mechanisms of Proinflammatory Cytokine-Induced Biphasic NF-ÎºB Activation. Molecular Cell, 2003, 12, 1287-1300.	9.7	155
26	Super-SILAC Allows Classification of Diffuse Large B-cell Lymphoma Subtypes by Their Protein Expression Profiles. Molecular and Cellular Proteomics, 2012, 11, 77-89.	3.8	155
27	Protein Kinase C-Î²-Dependent Activation of NF-ÎºB in Stromal Cells Is Indispensable for the Survival of Chronic Lymphocytic Leukemia B Cells InÂVivo. Cancer Cell, 2013, 23, 77-92.	16.8	131
28	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
29	Skin lesion development in a mouse model of incontinentia pigmenti is triggered by NEMO deficiency in epidermal keratinocytes and requires TNF signaling. Human Molecular Genetics, 2006, 15, 531-542.	2.9	102
30	NF-ÎºB Essential Modulator (NEMO) Interaction with Linear and Lys-63 Ubiquitin Chains Contributes to NF-ÎºB Activation. Journal of Biological Chemistry, 2011, 286, 26107-26117.	3.4	102
31	Hepatic NF-ÎºB essential modulator deficiency prevents obesity-induced insulin resistance but synergizes with high-fat feeding in tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1297-1302.	7.1	101
32	RC3H1 post-transcriptionally regulates A20 mRNA and modulates the activity of the IKK/NF-ÎºB pathway. Nature Communications, 2015, 6, 7367.	12.8	99
33	NIK overexpression amplifies, whereas ablation of its TRAF3-binding domain replaces BAFF:BAFF-R-mediated survival signals in B cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10883-10888.	7.1	97
34	Alternative splicing of MALT1 controls signalling and activation of CD4+ T cells. Nature Communications, 2016, 7, 11292.	12.8	94
35	Constitutive IKK2 activation in intestinal epithelial cells induces intestinal tumors in mice. Journal of Clinical Investigation, 2011, 121, 2781-2793.	8.2	89
36	Loss of Roquin induces early death and immune deregulation but not autoimmunity. Journal of Experimental Medicine, 2011, 208, 1749-1756.	8.5	88

#	Article	IF	Citations
37	Distinct Roles for JNK and IKK Activation in Agouti-Related Peptide Neurons in the Development of Obesity and Insulin Resistance. Cell Reports, 2014, 9, 1495-1506.	6.4	87
38	BAFF activates Akt and Erk through BAFF-R in an IKK1-dependent manner in primary mouse B cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12435-12438.	7.1	83
39	T Cellâ€“Derived IL-17 Mediates Epithelial Changes in the Airway and Drives Pulmonary Neutrophilia. Journal of Immunology, 2013, 191, 3100-3111.	0.8	83
40	B-cell depletion reactivates B lymphopoiesis in the BM and rejuvenates the B lineage in aging. Blood, 2011, 117, 3104-3112.	1.4	79
41	Single-Cell Transcriptomics Identifies the Adaptation of Scart1+ VÎ³6+ T Cells to Skin Residency as Activated Effector Cells. Cell Reports, 2019, 27, 3657-3671.e4.	6.4	79
42	N-linked Glycosylation Enrichment for In-depth Cell Surface Proteomics of Diffuse Large B-cell Lymphoma Subtypes. Molecular and Cellular Proteomics, 2014, 13, 240-251.	3.8	77
43	Machine Learning-based Classification of Diffuse Large B-cell Lymphoma Patients by Their Protein Expression Profiles. Molecular and Cellular Proteomics, 2015, 14, 2947-2960.	3.8	73
44	Development of immunoglobulin Î»-chainâ€“positive B cells, but not editing of immunoglobulin Îº-chain, depends on NF-ÎºB signals. Nature Immunology, 2009, 10, 647-654.	14.5	70
45	CD19-independent instruction of murine marginal zone B-cell development by constitutive Notch2 signaling. Blood, 2011, 118, 6321-6331.	1.4	69
46	An Oncogenic Role for Alternative NF-ÎºB Signaling in DLBCL Revealed upon Deregulated BCL6 Expression. Cell Reports, 2015, 11, 715-726.	6.4	66
47	Brain endothelial TAK1 and NEMO safeguard the neurovascular unit. Journal of Experimental Medicine, 2015, 212, 1529-1549.	8.5	65
48	NIK signaling in dendritic cells but not in T cells is required for the development of effector T cells and cell-mediated immune responses. Journal of Experimental Medicine, 2011, 208, 1917-1929.	8.5	62
49	A20-Deficient Mast Cells Exacerbate Inflammatory Responses In Vivo. PLoS Biology, 2014, 12, e1001762.	5.6	62
50	Notch2 controls non-autonomous Wnt-signalling in chronic lymphocytic leukaemia. Nature Communications, 2018, 9, 3839.	12.8	51
51	Cathepsin S Alterations Induce a Tumor-Promoting Immune Microenvironment in Follicular Lymphoma. Cell Reports, 2020, 31, 107522.	6.4	50
52	Signatures of murine B-cell development implicate Yy1 as a regulator of the germinal center-specific program. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2873-2878.	7.1	49
53	IÎºB Kinase 2/Î² Deficiency Controls Expansion of Autoreactive T Cells and Suppresses Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2007, 179, 179-185.	0.8	46
54	Selective multi-kinase inhibition sensitizes mesenchymal pancreatic cancer to immune checkpoint blockade by remodeling the tumor microenvironment. Nature Cancer, 2022, 3, 318-336.	13.2	42

#	Article	IF	Citations
55	NIK Stabilization in Osteoclasts Results in Osteoporosis and Enhanced Inflammatory Osteolysis. PLoS ONE, 2010, 5, e15383.	2.5	41
56	ÍºB Kinase 2 Deficiency in T Cells Leads to Defects in Priming, B Cell Help, Germinal Center Reactions, and Homeostatic Expansion. Journal of Immunology, 2004, 173, 1612-1619.	0.8	38
57	Epithelial NF-ÎºB maintains host gut microflora homeostasis. Nature Immunology, 2007, 8, 479-481.	14.5	37
58	Persistent Inflammation Leads to Proliferative Neoplasia and Loss of Smooth Muscle Cells in a Prostate Tumor Model. Neoplasia, 2011, 13, 692-IN17.	5.3	37
59	PiggyBac transposon tools for recessive screening identify B-cell lymphoma drivers in mice. Nature Communications, 2019, 10, 1415.	12.8	37
60	NKT Cell-TCR Expression Activates Conventional T Cells in Vivo, but Is Largely Dispensable for Mature NKT Cell Biology. PLoS Biology, 2013, 11, e1001589.	5.6	36
61	Suppression of lethal autoimmunity by regulatory T cells with a single TCR specificity. Journal of Experimental Medicine, 2017, 214, 609-622.	8.5	34
62	GP130 activation induces myeloma and collaborates with MYC. Journal of Clinical Investigation, 2014, 124, 5263-5274.	8.2	34
63	Post-induction, Stimulus-specific Regulation of Tumor Necrosis Factor mRNA Expression. Journal of Biological Chemistry, 2007, 282, 11629-11638.	3.4	30
64	Studying Epstein-Barr Virus Pathologies and Immune Surveillance by Reconstructing EBV Infection in Mice. Cold Spring Harbor Symposia on Quantitative Biology, 2013, 78, 259-263.	1.1	30
65	Alteration of JNK-1 Signaling in Skeletal Muscle Fails to Affect Glucose Homeostasis and Obesity-Associated Insulin Resistance in Mice. PLoS ONE, 2013, 8, e54247.	2.5	30
66	A20 Restrains Thymic Regulatory T Cell Development. Journal of Immunology, 2017, 199, 2356-2365.	0.8	29
67	<scp>C</scp>re<scp>ER</scp>^{T2} expression from within the câ€<scp>K</scp>it gene locus allows efficient inducible gene targeting in and ablation of mast cells. European Journal of Immunology, 2014, 44, 296-306.	2.9	26
68	Notch2-mediated plasticity between marginal zone and follicular B cells. Nature Communications, 2021, 12, 1111.	12.8	26
69	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
70	ÍºB Kinase 2 Is Essential for IgE-Induced Mast Cell De Novo Cytokine Production but Not for Degranulation. Cell Reports, 2014, 8, 1300-1307.	6.4	23
71	Canonical NF-ÎºB signaling is uniquely required for the long-term persistence of functional mature B cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5065-5070.	7.1	20
72	T Cell Receptor Expression Timing and Signal Strength in the Functional Differentiation of Invariant Natural Killer T Cells. Frontiers in Immunology, 2019, 10, 841.	4.8	20

#	Article	IF	Citations
73	Excision of the Frt-flanked neo R cassette from the CD19cre knock-in transgene reduces Cre-mediated recombination. Transgenic Research, 2007, 16, 657-660.	2.4	19
74	Brief homogeneous TCR signals instruct common iNKT progenitors whose effector diversification is characterized by subsequent cytokine signaling. Immunity, 2021, 54, 2497-2513.e9.	14.3	19
75	Stromal cell protein kinase C-Î² inhibition enhances chemosensitivity in B cell malignancies and overcomes drug resistance. Science Translational Medicine, 2020, 12, .	12.4	18
76	Role of NFUPÎºB Signaling in Normal and Malignant B Cell Development. , 2007, 596, 149-154.		18
77	Multigram Synthesis of Isobutyl-Î²-C-galactoside as a Substitute of Isopropylthiogalactoside for Exogenous Gene Induction in Mammalian Cells. Journal of Organic Chemistry, 2012, 77, 1539-1546.	3.2	15
78	Chronic CD30 signaling in B cells results in lymphomagenesis by driving the expansion of plasmablasts and B1 cells. Blood, 2019, 133, 2597-2609.	1.4	14
79	Roquin Paralogs Differentially Regulate Functional NKT Cell Subsets. Journal of Immunology, 2017, 198, 2747-2759.	0.8	13
80	CRISPR somatic genome engineering and cancer modeling in the mouse pancreas and liver. Nature Protocols, 2022, 17, 1142-1188.	12.0	13
81	The Unsolved Puzzle of c-Rel in B Cell Lymphoma. Cancers, 2019, 11, 941.	3.7	12
82	Genetic Screens Identify a Context-Specific PI3K/p27Kip1 Node Driving Extrahepatic Biliary Cancer. Cancer Discovery, 2021, 11, 3158-3177.	9.4	12
83	Renal proximal tubular NEMO plays a critical role in ischemic acute kidney injury. JCI Insight, 2020, 5, .	5.0	12
84	c-Rel gain in B cells drives germinal center reactions and autoantibody production. Journal of Clinical Investigation, 2020, 130, 3270-3286.	8.2	11
85	PARP14 is a novel target in STAT6 mutant follicular lymphoma. Leukemia, 2022, 36, 2281-2292.	7.2	11
86	A novel Cre recombinase reporter mouse strain facilitates selective and efficient infection of primary immune cells with adenoviral vectors. European Journal of Immunology, 2015, 45, 1614-1620.	2.9	10
87	In vivo inducible reverse genetics in patientsâ€™ tumors to identify individual therapeutic targets. Nature Communications, 2021, 12, 5655.	12.8	10
88	Dicer is indispensable for the development of murine mast cells. Journal of Allergy and Clinical Immunology, 2015, 135, 1077-1080.e4.	2.9	8
89	NF-ÎºB in control of regulatory T cell development, identity, and function. Journal of Molecular Medicine, 2022, 100, 985-995.	3.9	8
90	Cerebral angiogenesis ameliorates pathological disorders inNemo-deficient mice with small-vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 219-235.	4.3	4

#	Article	IF	Citations
91	Differences in Cell-Intrinsic Inflammatory Programs of Yolk Sac and Bone Marrow Macrophages. Cells, 2021, 10, 3564.	4.1	4
92	A20 (TNFAIP3) deficiency in myeloid cells triggers rheumatoid arthritis. Annals of the Rheumatic Diseases, 2011, 70, A39-A40.	0.9	0
93	Enterocyte-specific A20 deficiency sensitizes to tumor necrosis factorâ€“induced toxicity and experimental colitis. Journal of Cell Biology, 2010, 189, i15-i15.	5.2	0
94	TCR signals fuel Treg cells. Oncotarget, 2015, 6, 21773-21774.	1.8	0
95	Brain endothelial TAK1 and NEMO safeguard the neurovascular unit. Journal of Cell Biology, 2015, 210, 2106OIA179.	5.2	0
96	Abstract 2514: Pancreatic cancer subtype-specific secreted factors determine the immunosuppressive tumor microenvironment. Cancer Research, 2022, 82, 2514-2514.	0.9	0