

# Marc Schmidt-Supprian

## List of Publications by Year in descending order

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96  
papers

10,915  
citations

41323

49  
h-index

43868

91  
g-index

97  
all docs

97  
docs citations

97  
times ranked

18196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective multi-kinase inhibition sensitizes mesenchymal pancreatic cancer to immune checkpoint blockade by remodeling the tumor microenvironment. <i>Nature Cancer</i> , 2022, 3, 318-336.	5.7	42
2	CRISPR somatic genome engineering and cancer modeling in the mouse pancreas and liver. <i>Nature Protocols</i> , 2022, 17, 1142-1188.	5.5	13
3	NF- $\kappa$ B in control of regulatory T cell development, identity, and function. <i>Journal of Molecular Medicine</i> , 2022, 100, 985-995.	1.7	8
4	Abstract 2514: Pancreatic cancer subtype-specific secreted factors determine the immunosuppressive tumor microenvironment. <i>Cancer Research</i> , 2022, 82, 2514-2514.	0.4	0
5	PARP14 is a novel target in STAT6 mutant follicular lymphoma. <i>Leukemia</i> , 2022, 36, 2281-2292.	3.3	11
6	Cerebral angiogenesis ameliorates pathological disorders in <i>Nemo</i> -deficient mice with small-vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 219-235.	2.4	4
7	Notch2-mediated plasticity between marginal zone and follicular B cells. <i>Nature Communications</i> , 2021, 12, 1111.	5.8	26
8	Genetic Screens Identify a Context-Specific PI3K/p27Kip1 Node Driving Extrahepatic Biliary Cancer. <i>Cancer Discovery</i> , 2021, 11, 3158-3177.	7.7	12
9	Brief homogeneous TCR signals instruct common iNKT progenitors whose effector diversification is characterized by subsequent cytokine signaling. <i>Immunity</i> , 2021, 54, 2497-2513.e9.	6.6	19
10	In vivo inducible reverse genetics in patients' tumors to identify individual therapeutic targets. <i>Nature Communications</i> , 2021, 12, 5655.	5.8	10
11	Differences in Cell-Intrinsic Inflammatory Programs of Yolk Sac and Bone Marrow Macrophages. <i>Cells</i> , 2021, 10, 3564.	1.8	4
12	Cathepsin S Alterations Induce a Tumor-Promoting Immune Microenvironment in Follicular Lymphoma. <i>Cell Reports</i> , 2020, 31, 107522.	2.9	50
13	Stromal cell protein kinase C- $\beta$ inhibition enhances chemosensitivity in B cell malignancies and overcomes drug resistance. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	18
14	Renal proximal tubular NEMO plays a critical role in ischemic acute kidney injury. <i>JCI Insight</i> , 2020, 5, .	2.3	12
15	c-Rel gain in B cells drives germinal center reactions and autoantibody production. <i>Journal of Clinical Investigation</i> , 2020, 130, 3270-3286.	3.9	11
16	The Unsolved Puzzle of c-Rel in B Cell Lymphoma. <i>Cancers</i> , 2019, 11, 941.	1.7	12
17	Single-Cell Transcriptomics Identifies the Adaptation of Scart1+ V $\beta$ 36+ T Cells to Skin Residency as Activated Effector Cells. <i>Cell Reports</i> , 2019, 27, 3657-3671.e4.	2.9	79
18	T Cell Receptor Expression Timing and Signal Strength in the Functional Differentiation of Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 841.	2.2	20

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19	Chronic CD30 signaling in B cells results in lymphomagenesis by driving the expansion of plasmablasts and B1 cells. <i>Blood</i> , 2019, 133, 2597-2609.	0.6	14
20	PiggyBac transposon tools for recessive screening identify B-cell lymphoma drivers in mice. <i>Nature Communications</i> , 2019, 10, 1415.	5.8	37
21	Notch2 controls non-autonomous Wnt-signalling in chronic lymphocytic leukaemia. <i>Nature Communications</i> , 2018, 9, 3839.	5.8	51
22	Suppression of lethal autoimmunity by regulatory T cells with a single TCR specificity. <i>Journal of Experimental Medicine</i> , 2017, 214, 609-622.	4.2	34
23	Tissue-specific tumorigenesis: context matters. <i>Nature Reviews Cancer</i> , 2017, 17, 239-253.	12.8	234
24	Roquin Paralogs Differentially Regulate Functional NKT Cell Subsets. <i>Journal of Immunology</i> , 2017, 198, 2747-2759.	0.4	13
25	A20 Restrains Thymic Regulatory T Cell Development. <i>Journal of Immunology</i> , 2017, 199, 2356-2365.	0.4	29
26	Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic TH17 cells. <i>Nature Immunology</i> , 2017, 18, 74-85.	7.0	311
27	Canonical NF- $\kappa$ B signaling is uniquely required for the long-term persistence of functional mature B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5065-5070.	3.3	20
28	K + Efflux-Independent NLRP3 Inflammasome Activation by Small Molecules Targeting Mitochondria. <i>Immunity</i> , 2016, 45, 761-773.	6.6	364
29	Alternative splicing of MALT1 controls signalling and activation of CD4+ T cells. <i>Nature Communications</i> , 2016, 7, 11292.	5.8	94
30	$\hat{\text{I}}^3$ -secretase directly sheds the survival receptor BCMA from plasma cells. <i>Nature Communications</i> , 2015, 6, 7333.	5.8	267
31	A novel Cre recombinase reporter mouse strain facilitates selective and efficient infection of primary immune cells with adenoviral vectors. <i>European Journal of Immunology</i> , 2015, 45, 1614-1620.	1.6	10
32	Dicer is indispensable for the development of murine mast cells. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1077-1080.e4.	1.5	8
33	An Oncogenic Role for Alternative NF- $\hat{\text{I}}^B$ Signaling in DLBCL Revealed upon Deregulated BCL6 Expression. <i>Cell Reports</i> , 2015, 11, 715-726.	2.9	66
34	Machine Learning-based Classification of Diffuse Large B-cell Lymphoma Patients by Their Protein Expression Profiles. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2947-2960.	2.5	73
35	RC3H1 post-transcriptionally regulates A20 mRNA and modulates the activity of the IKK/NF- $\hat{\text{I}}^B$ pathway. <i>Nature Communications</i> , 2015, 6, 7367.	5.8	99
36	Brain endothelial TAK1 and NEMO safeguard the neurovascular unit. <i>Journal of Experimental Medicine</i> , 2015, 212, 1529-1549.	4.2	65

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37	TCR signals fuel Treg cells. <i>Oncotarget</i> , 2015, 6, 21773-21774.	0.8	0
38	Brain endothelial TAK1 and NEMO safeguard the neurovascular unit. <i>Journal of Cell Biology</i> , 2015, 210, 210601A179.	2.3	0
39	A20-Deficient Mast Cells Exacerbate Inflammatory Responses In Vivo. <i>PLoS Biology</i> , 2014, 12, e1001762.	2.6	62
40	ÎB Kinase 2 Is Essential for IgE-Induced Mast Cell De Novo Cytokine Production but Not for Degranulation. <i>Cell Reports</i> , 2014, 8, 1300-1307.	2.9	23
41	Distinct Roles for JNK and IKK Activation in Agouti-Related Peptide Neurons in the Development of Obesity and Insulin Resistance. <i>Cell Reports</i> , 2014, 9, 1495-1506.	2.9	87
42	Continuous T Cell Receptor Signals Maintain a Functional Regulatory T Cell Pool. <i>Immunity</i> , 2014, 41, 722-736.	6.6	262
43	C <sub>CR2</sub> expression from within the C <sub>K1t</sub> gene locus allows efficient inducible gene targeting in and ablation of mast cells. <i>European Journal of Immunology</i> , 2014, 44, 296-306.	1.6	26
44	Cleavage of roquin and regnase-1 by the paracaspase MALT1 releases their cooperatively repressed targets to promote TH17 differentiation. <i>Nature Immunology</i> , 2014, 15, 1079-1089.	7.0	238
45	N-linked Glycosylation Enrichment for In-depth Cell Surface Proteomics of Diffuse Large B-cell Lymphoma Subtypes. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 240-251.	2.5	77
46	GP130 activation induces myeloma and collaborates with MYC. <i>Journal of Clinical Investigation</i> , 2014, 124, 5263-5274.	3.9	34
47	T Cell-Derived IL-17 Mediates Epithelial Changes in the Airway and Drives Pulmonary Neutrophilia. <i>Journal of Immunology</i> , 2013, 191, 3100-3111.	0.4	83
48	Protein Kinase C-Î2-Dependent Activation of NF-ÎB in Stromal Cells Is Indispensable for the Survival of Chronic Lymphocytic Leukemia B Cells In Vivo. <i>Cancer Cell</i> , 2013, 23, 77-92.	7.7	131
49	Roquin Paralogs 1 and 2 Redundantly Repress the Icos and Ox40 Costimulator mRNAs and Control Follicular Helper T Cell Differentiation. <i>Immunity</i> , 2013, 38, 655-668.	6.6	178
50	NKT Cell-TCR Expression Activates Conventional T Cells in Vivo, but Is Largely Dispensable for Mature NKT Cell Biology. <i>PLoS Biology</i> , 2013, 11, e1001589.	2.6	36
51	Studying Epstein-Barr Virus Pathologies and Immune Surveillance by Reconstructing EBV Infection in Mice. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 259-263.	2.0	30
52	Alteration of JNK-1 Signaling in Skeletal Muscle Fails to Affect Glucose Homeostasis and Obesity-Associated Insulin Resistance in Mice. <i>PLoS ONE</i> , 2013, 8, e54247.	1.1	30
53	A20 and CYLD Do Not Share Significant Overlapping Functions during B Cell Development and Activation. <i>Journal of Immunology</i> , 2012, 189, 4437-4443.	0.4	24
54	Super-SILAC Allows Classification of Diffuse Large B-cell Lymphoma Subtypes by Their Protein Expression Profiles. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 77-89.	2.5	155

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55	Multigram Synthesis of Isobutyl- $\beta$ -D-galactoside as a Substitute of Isopropylthiogalactoside for Exogenous Gene Induction in Mammalian Cells. <i>Journal of Organic Chemistry</i> , 2012, 77, 1539-1546.	1.7	15
56	Persistent Inflammation Leads to Proliferative Neoplasia and Loss of Smooth Muscle Cells in a Prostate Tumor Model. <i>Neoplasia</i> , 2011, 13, 692-1N17.	2.3	37
57	A20 (TNFAIP3) deficiency in myeloid cells triggers erosive polyarthritis resembling rheumatoid arthritis. <i>Nature Genetics</i> , 2011, 43, 908-912.	9.4	250
58	Phosphatidylcholine Synthesis for Lipid Droplet Expansion Is Mediated by Localized Activation of CTP:Phosphocholine Cytidyltransferase. <i>Cell Metabolism</i> , 2011, 14, 504-515.	7.2	408
59	B cells lacking the tumor suppressor TNFAIP3/A20 display impaired differentiation and hyperactivation and cause inflammation and autoimmunity in aged mice. <i>Blood</i> , 2011, 117, 2227-2236.	0.6	165
60	B-cell depletion reactivates B lymphopoiesis in the BM and rejuvenates the B lineage in aging. <i>Blood</i> , 2011, 117, 3104-3112.	0.6	79
61	CD19-independent instruction of murine marginal zone B-cell development by constitutive Notch2 signaling. <i>Blood</i> , 2011, 118, 6321-6331.	0.6	69
62	NF- $\kappa$ B Essential Modulator (NEMO) Interaction with Linear and Lys-63 Ubiquitin Chains Contributes to NF- $\kappa$ B Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 26107-26117.	1.6	102
63	Loss of Roquin induces early death and immune deregulation but not autoimmunity. <i>Journal of Experimental Medicine</i> , 2011, 208, 1749-1756.	4.2	88
64	A20 (TNFAIP3) deficiency in myeloid cells triggers rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A39-A40.	0.5	0
65	Signatures of murine B-cell development implicate Yy1 as a regulator of the germinal center-specific program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2873-2878.	3.3	49
66	NIK signaling in dendritic cells but not in T cells is required for the development of effector T cells and cell-mediated immune responses. <i>Journal of Experimental Medicine</i> , 2011, 208, 1917-1929.	4.2	62
67	Constitutive IKK2 activation in intestinal epithelial cells induces intestinal tumors in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2781-2793.	3.9	89
68	Constitutive Canonical NF- $\kappa$ B Activation Cooperates with Disruption of BLIMP1 in the Pathogenesis of Activated B Cell-like Diffuse Large Cell Lymphoma. <i>Cancer Cell</i> , 2010, 18, 580-589.	7.7	177
69	A bacterial E3 ubiquitin ligase IpaH9.8 targets NEMO/IKK $\beta$ to dampen the host NF- $\kappa$ B-mediated inflammatory response. <i>Nature Cell Biology</i> , 2010, 12, 66-73.	4.6	225
70	NIK Stabilization in Osteoclasts Results in Osteoporosis and Enhanced Inflammatory Osteolysis. <i>PLoS ONE</i> , 2010, 5, e15383.	1.1	41
71	Enterocyte-specific A20 deficiency sensitizes to tumor necrosis factor $\alpha$ -induced toxicity and experimental colitis. <i>Journal of Experimental Medicine</i> , 2010, 207, 1513-1523.	4.2	261
72	Enterocyte-specific A20 deficiency sensitizes to tumor necrosis factor $\alpha$ -induced toxicity and experimental colitis. <i>Journal of Cell Biology</i> , 2010, 189, i15-i15.	2.3	0

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73	Development of immunoglobulin $\hat{\nu}$ -chain $\hat{\nu}$ positive B cells, but not editing of immunoglobulin $\hat{\nu}$ -chain, depends on NF- $\hat{\nu}$ B signals. <i>Nature Immunology</i> , 2009, 10, 647-654.	7.0	70
74	BAFF activates Akt and Erk through BAFF-R in an IKK1-dependent manner in primary mouse B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12435-12438.	3.3	83
75	Hepatic NF- $\hat{\nu}$ B essential modulator deficiency prevents obesity-induced insulin resistance but synergizes with high-fat feeding in tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1297-1302.	3.3	101
76	NIK overexpression amplifies, whereas ablation of its TRAF3-binding domain replaces BAFF:BAFF-R-mediated survival signals in B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10883-10888.	3.3	97
77	$\hat{\nu}$ B Kinase 2 $\hat{\nu}$ 2 Deficiency Controls Expansion of Autoreactive T Cells and Suppresses Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2007, 179, 179-185.	0.4	46
78	Post-induction, Stimulus-specific Regulation of Tumor Necrosis Factor mRNA Expression. <i>Journal of Biological Chemistry</i> , 2007, 282, 11629-11638.	1.6	30
79	Yin Yang 1 is a critical regulator of B-cell development. <i>Genes and Development</i> , 2007, 21, 1179-1189.	2.7	223
80	Regulation of the Germinal Center Response by MicroRNA-155. <i>Science</i> , 2007, 316, 604-608.	6.0	1,393
81	Epithelial NF- $\hat{\nu}$ B maintains host gut microflora homeostasis. <i>Nature Immunology</i> , 2007, 8, 479-481.	7.0	37
82	Vagaries of conditional gene targeting. <i>Nature Immunology</i> , 2007, 8, 665-668.	7.0	374
83	Excision of the Frt-flanked neo R cassette from the CD19cre knock-in transgene reduces Cre-mediated recombination. <i>Transgenic Research</i> , 2007, 16, 657-660.	1.3	19
84	Role of NF $\hat{\nu}$ B Signaling in Normal and Malignant B Cell Development. , 2007, 596, 149-154.		18
85	Essential Role for $\hat{\nu}$ B Kinase $\hat{\nu}$ 2 in Remodeling Carma1-Bcl10-Malt1 Complexes upon T Cell Activation. <i>Molecular Cell</i> , 2006, 23, 13-23.	4.5	117
86	Canonical NF- $\hat{\nu}$ B Activity, Dispensable for B Cell Development, Replaces BAFF-Receptor Signals and Promotes B Cell Proliferation upon Activation. <i>Immunity</i> , 2006, 24, 729-739.	6.6	295
87	Inhibition of transcription factor NF- $\hat{\nu}$ B in the central nervous system ameliorates autoimmune encephalomyelitis in mice. <i>Nature Immunology</i> , 2006, 7, 954-961.	7.0	182
88	Skin lesion development in a mouse model of incontinentia pigmenti is triggered by NEMO deficiency in epidermal keratinocytes and requires TNF signaling. <i>Human Molecular Genetics</i> , 2006, 15, 531-542.	1.4	102
89	Differential dependence of CD4+CD25+ regulatory and natural killer-like T cells on signals leading to NF- $\hat{\nu}$ B activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4566-4571.	3.3	218
90	TNF Family Member B Cell-Activating Factor (BAFF) Receptor-Dependent and -Independent Roles for BAFF in B Cell Physiology. <i>Journal of Immunology</i> , 2004, 173, 2245-2252.	0.4	335

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91	Î² Kinase 2 Deficiency in T Cells Leads to Defects in Priming, B Cell Help, Germinal Center Reactions, and Homeostatic Expansion. <i>Journal of Immunology</i> , 2004, 173, 1612-1619.	0.4	38
92	Mature T Cells Depend on Signaling through the IKK Complex. <i>Immunity</i> , 2003, 19, 377-389.	6.6	201
93	Mechanisms of Proinflammatory Cytokine-Induced Biphasic NF-Î²B Activation. <i>Molecular Cell</i> , 2003, 12, 1287-1300.	4.5	155
94	Î²B Kinase Signaling Is Essential for Maintenance of Mature B Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 743-752.	4.2	176
95	TNF-mediated inflammatory skin disease in mice with epidermis-specific deletion of IKK2. <i>Nature</i> , 2002, 417, 861-866.	13.7	439
96	NEMO/IKKÎ³-Deficient Mice Model Incontinentia Pigmenti. <i>Molecular Cell</i> , 2000, 5, 981-992.	4.5	428