

Stephanie S Watowich

List of Publications by Year in descending order

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docs citations

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times ranked

20981
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#	ARTICLE	IF	CITATIONS
1	T Helper 17 Lineage Differentiation Is Programmed by Orphan Nuclear Receptors ROR α and ROR γ . <i>Immunity</i> , 2008, 28, 29-39.	14.3	1,471
2	Essential autocrine regulation by IL-21 in the generation of inflammatory T cells. <i>Nature</i> , 2007, 448, 480-483.	27.8	1,341
3	STAT3 Regulates Cytokine-mediated Generation of Inflammatory Helper T Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 9358-9363.	3.4	1,255
4	Generation of T Follicular Helper Cells Is Mediated by Interleukin-21 but Independent of T Helper 1, 2, or 17 Cell Lineages. <i>Immunity</i> , 2008, 29, 138-149.	14.3	1,059
5	Critical Regulation of Early Th17 Cell Differentiation by Interleukin-1 Signaling. <i>Immunity</i> , 2009, 30, 576-587.	14.3	1,042
6	Molecular Antagonism and Plasticity of Regulatory and Inflammatory T Cell Programs. <i>Immunity</i> , 2008, 29, 44-56.	14.3	1,023
7	STAT3 signaling in immunity. <i>Cytokine and Growth Factor Reviews</i> , 2016, 31, 1-15.	7.2	466
8	CCR6 Regulates the Migration of Inflammatory and Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 181, 8391-8401.	0.8	460
9	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response. <i>Science</i> , 2021, 374, 1632-1640.	12.6	369
10	HIF-1 α , STAT3, CBP/p300 and Ref-1/APE are components of a transcriptional complex that regulates Src-dependent hypoxia-induced expression of VEGF in pancreatic and prostate carcinomas. <i>Oncogene</i> , 2005, 24, 3110-3120.	5.9	353
11	BRAF Inhibition Increases Tumor Infiltration by T cells and Enhances the Antitumor Activity of Adoptive Immunotherapy in Mice. <i>Clinical Cancer Research</i> , 2013, 19, 393-403.	7.0	336
12	Granulocyte colony-stimulating factor: Molecular mechanisms of action during steady state and emergency hematopoiesis. <i>Cytokine</i> , 2008, 42, 277-288.	3.2	331
13	The transcriptional regulators Id2 and Id3 control the formation of distinct memory CD8+ T cell subsets. <i>Nature Immunology</i> , 2011, 12, 1221-1229.	14.5	328
14	Gut microbiota signatures are associated with toxicity to combined CTLA-4 and PD-1 blockade. <i>Nature Medicine</i> , 2021, 27, 1432-1441.	30.7	216
15	Enhancer-Mediated Control of Macrophage-Specific Arginase I Expression. <i>Journal of Immunology</i> , 2004, 172, 7565-7573.	0.8	210
16	USP15 stabilizes MDM2 to mediate cancer-cell survival and inhibit antitumor T cell responses. <i>Nature Immunology</i> , 2014, 15, 562-570.	14.5	204
17	The Signal Transducer STAT5 Inhibits Plasmacytoid Dendritic Cell Development by Suppressing Transcription Factor IRF8. <i>Immunity</i> , 2008, 28, 509-520.	14.3	202
18	STAT5 Protein Negatively Regulates T Follicular Helper (Tfh) Cell Generation and Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 11234-11239.	3.4	198

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19	General Nature of the STAT3-Activated Anti-Inflammatory Response. <i>Journal of Immunology</i> , 2006, 177, 7880-7888.	0.8	197
20	CYTOKINE RECEPTOR SIGNAL TRANSDUCTION AND THE CONTROL OF HEMATOPOIETIC CELL DEVELOPMENT. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 91-128.	9.4	196
21	STAT3 controls myeloid progenitor growth during emergency granulopoiesis. <i>Blood</i> , 2010, 116, 2462-2471.	1.4	183
22	IL6 Blockade Reprograms the Lung Tumor Microenvironment to Limit the Development and Progression of K-ras ^{WT} Mutant Lung Cancer. <i>Cancer Research</i> , 2016, 76, 3189-3199.	0.9	165
23	STAT3 governs distinct pathways in emergency granulopoiesis and mature neutrophils. <i>Blood</i> , 2006, 108, 3682-3690.	1.4	161
24	Cutting Edge: A Transcriptional Repressor and Corepressor Induced by the STAT3-Regulated Anti-Inflammatory Signaling Pathway. <i>Journal of Immunology</i> , 2007, 179, 7215-7219.	0.8	149
25	Arginine Usage in Mycobacteria-Infected Macrophages Depends on Autocrine-Paracrine Cytokine Signaling. <i>Science Signaling</i> , 2010, 3, ra62.	3.6	128
26	Mechanisms regulating dendritic cell specification and development. <i>Immunological Reviews</i> , 2010, 238, 76-92.	6.0	127
27	The signaling suppressor CIS controls proallergic T cell development and allergic airway inflammation. <i>Nature Immunology</i> , 2013, 14, 732-740.	14.5	117
28	Noncanonical NF- κ B Pathway Controls the Production of Type I Interferons in Antiviral Innate Immunity. <i>Immunity</i> , 2014, 40, 342-354.	14.3	117
29	STAT3 controls the neutrophil migratory response to CXCR2 ligands by direct activation of G-CSF α -induced CXCR2 expression and via modulation of CXCR2 signal transduction. <i>Blood</i> , 2010, 115, 3354-3363.	1.4	114
30	Self assembly of the transmembrane domain promotes signal transduction through the erythropoietin receptor. <i>Current Biology</i> , 2001, 11, 110-115.	3.9	100
31	Mutations in the cofilin partner Aip1/Wdr1 cause autoinflammatory disease and macrothrombocytopenia. <i>Blood</i> , 2007, 110, 2371-2380.	1.4	98
32	Saturation Mutagenesis of the WSXWS Motif of the Erythropoietin Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 4699-4708.	3.4	93
33	IL-10 Suppresses Mast Cell IgE Receptor Expression and Signaling In Vitro and In Vivo. <i>Journal of Immunology</i> , 2008, 180, 2848-2854.	0.8	89
34	The Erythropoietin Receptor: Molecular Structure and Hematopoietic Signaling Pathways. <i>Journal of Investigative Medicine</i> , 2011, 59, 1067-1072.	1.6	83
35	Combined Inhibition of STAT3 and DNA Repair in Palbociclib-Resistant ER-Positive Breast Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 3996-4013.	7.0	77
36	IL-6 signaling via the STAT3/SOCS3 pathway: Functional Analysis of the Conserved STAT3 N-domain. <i>Molecular and Cellular Biochemistry</i> , 2006, 288, 179-189.	3.1	76

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37	The signal transducers STAT5 and STAT3 control expression of Id2 and E2-2 during dendritic cell development. <i>Blood</i> , 2012, 120, 4363-4373.	1.4	75
38	FGL2 promotes tumor progression in the CNS by suppressing CD103+ dendritic cell differentiation. <i>Nature Communications</i> , 2019, 10, 448.	12.8	65
39	Transcription of the activating receptor NKG2D in natural killer cells is regulated by STAT3 tyrosine phosphorylation. <i>Blood</i> , 2014, 124, 403-411.	1.4	63
40	The kinase TBK1 functions in dendritic cells to regulate T cell homeostasis, autoimmunity, and antitumor immunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 1493-1507.	8.5	62
41	The histone deacetylase inhibitor valproic acid inhibits NKG2D expression in natural killer cells through suppression of STAT3 and HDAC3. <i>Scientific Reports</i> , 2017, 7, 45266.	3.3	61
42	Sex specific function of epithelial STAT3 signaling in pathogenesis of K-ras mutant lung cancer. <i>Nature Communications</i> , 2018, 9, 4589.	12.8	57
43	Vaccine efficacy against primary and metastatic cancer with in vitro-generated CD103 ⁺ conventional dendritic cells. , 2020, 8, e000474.		57
44	STAT3 Inhibitors: Finding a Home in Lymphoma and Leukemia. <i>Oncologist</i> , 2014, 19, 536-544.	3.7	55
45	Erythropoietin Receptor Mutations Associated With Familial Erythrocytosis Cause Hypersensitivity to Erythropoietin in the Heterozygous State. <i>Blood</i> , 1999, 94, 2530-2532.	1.4	54
46	STAT3 restrains RANK- and TLR4-mediated signalling by suppressing expression of the E2 ubiquitin-conjugating enzyme Ubc13. <i>Nature Communications</i> , 2014, 5, 5798.	12.8	53
47	Innate immune regulation by STAT3-mediated transcriptional mechanisms. <i>Immunological Reviews</i> , 2014, 261, 84-101.	6.0	53
48	Control of Myeloid-specific Integrin α 2 (CD11b/CD18) Expression by Cytokines Is Regulated by Stat3-dependent Activation of PU.1. <i>Journal of Biological Chemistry</i> , 2002, 277, 19001-19007.	3.4	52
49	Cell-intrinsic role for IFN- γ STAT1 signals in regulating murine Peyer patch plasmacytoid dendritic cells and conditioning an inflammatory response. <i>Blood</i> , 2011, 118, 3879-3889.	1.4	48
50	Src activation of Stat3 is an independent requirement from NF- κ B activation for constitutive IL-8 expression in human pancreatic adenocarcinoma cells. <i>Angiogenesis</i> , 2006, 9, 101-110.	7.2	47
51	Role of the Fractalkine Receptor in CNS Autoimmune Inflammation: New Approach Utilizing a Mouse Model Expressing the Human CX3CR1I249/M280 Variant. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 365.	3.7	44
52	A Ras Homologue Member 1 Directly Inhibits Signal Transducers and Activators of Transcription 3 Translocation and Activity in Human Breast and Ovarian Cancer Cells. <i>Cancer Research</i> , 2005, 65, 6701-6710.	0.9	42
53	Endogenous suppression of mast cell development and survival by IL-4 and IL-10. <i>Journal of Leukocyte Biology</i> , 2009, 85, 826-836.	3.3	41
54	CXCR5+CD8+ T cells are a distinct functional subset with an antitumor activity. <i>Leukemia</i> , 2019, 33, 2640-2653.	7.2	40

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55	miR-22 Controls Irf8 mRNA Abundance and Murine Dendritic Cell Development. PLoS ONE, 2012, 7, e52341.	2.5	40
56	Molecular regulation of dendritic cell development and function in homeostasis, inflammation, and cancer. Molecular Immunology, 2019, 110, 24-39.	2.2	38
57	Cytokine Signaling through Stat3 Activates Integrins, Promotes Adhesion, and Induces Growth Arrest in the Myeloid Cell Line 32D. Journal of Biological Chemistry, 2000, 275, 26566-26575.	3.4	36
58	15-Lipoxygenase ϵ 1 suppression of colitis-associated colon cancer through inhibition of the IL6/STAT3 signaling pathway. FASEB Journal, 2015, 29, 2359-2370.	0.5	36
59	PPAR δ and Interferon Gamma Promote Transformation of Gastric Progenitor Cells and Tumorigenesis in Mice. Gastroenterology, 2019, 157, 163-178.	1.3	34
60	Differential regulation of SOCS genes in normal and transformed erythroid cells. Oncogene, 2003, 22, 3221-3230.	5.9	33
61	Identification of a cytoplasmic motif in the erythropoietin receptor required for receptor internalization. FEBS Letters, 1998, 427, 164-170.	2.8	30
62	G-CSF-activated STAT3 enhances production of the chemokine MIP-2 in bone marrow neutrophils. Journal of Leukocyte Biology, 2012, 92, 1215-1225.	3.3	30
63	Preventing abnormal NF- κ B activation and autoimmunity by Otub1-mediated p100 stabilization. Cell Research, 2019, 29, 474-485.	12.0	30
64	Neutrophils Regulate Humoral Autoimmunity by Restricting Interferon- β Production via the Generation of Reactive Oxygen Species. Cell Reports, 2015, 12, 1120-1132.	6.4	27
65	Oligomerization and Scaffolding Functions of the Erythropoietin Receptor Cytoplasmic Tail. Journal of Biological Chemistry, 1999, 274, 5415-5421.	3.4	26
66	Activation of erythropoietin signaling by receptor dimerization. International Journal of Biochemistry and Cell Biology, 1999, 31, 1075-1088.	2.8	26
67	Targeting IL-1 β as an immunopreventive and therapeutic modality for K-ras mutant lung cancer. JCI Insight, 2022, 7, .	5.0	25
68	Tonic interferon restricts pathogenic IL-17-driven inflammatory disease via balancing the microbiome. ELife, 2021, 10, .	6.0	20
69	Erythropoietin Receptors That Signal Through Stat5 or Stat3 Support Fetal Liver and Adult Erythropoiesis: Lack of Specificity of Stat Signals During Red Blood Cell Development. Journal of Interferon and Cytokine Research, 2000, 20, 1065-1070.	1.2	19
70	Cell Surface Organization of the Erythropoietin Receptor Complex Differs Depending on its Mode of Activation. Journal of Biological Chemistry, 1997, 272, 9099-9107.	3.4	18
71	Diversification of dendritic cell subsets. Jak-stat, 2013, 2, e25112.	2.2	18
72	Bypassing STAT3-mediated inhibition of the transcriptional regulator ID2 improves the antitumor efficacy of dendritic cells. Science Signaling, 2016, 9, ra94.	3.6	18

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73	Macrophage conditioned medium promotes colorectal cancer stem cell phenotype via the hedgehog signaling pathway. <i>PLoS ONE</i> , 2018, 13, e0190070.	2.5	17
74	Histone Deacetylase Inhibitors and IL21 Cooperate to Reprogram Human Effector CD8+ T Cells to Memory T Cells. <i>Cancer Immunology Research</i> , 2020, 8, 794-805.	3.4	17
75	Cytokine signals through STAT3 promote expression of granulocyte secondary granule proteins in 32D cells. <i>Experimental Hematology</i> , 2005, 33, 308-317.	0.4	15
76	MicroRNA-22 controls interferon alpha production and erythroid maturation in response to infectious stress in mice. <i>Experimental Hematology</i> , 2017, 56, 7-15.	0.4	15
77	Hematopoietic cell survival signals are elicited through non-tyrosine-containing sequences in the membrane-proximal region of the erythropoietin receptor (EPOR) by a Stat5-dependent pathway. <i>Experimental Hematology</i> , 2003, 31, 1310-1316.	0.4	14
78	STAT3 Inhibits CD103+ cDC1 Vaccine Efficacy in Murine Breast Cancer. <i>Cancers</i> , 2020, 12, 128.	3.7	14
79	Immune landscape of a genetically engineered murine model of glioma compared with human glioma. <i>JCI Insight</i> , 2022, 7, .	5.0	10
80	Oncogene cooperativity in Friend erythroleukemia: erythropoietin receptor activation by the env gene of SFFV leads to transcriptional upregulation of PU.1, independent of SFFV proviral insertion. <i>Oncogene</i> , 2002, 21, 1272-1284.	5.9	9
81	Genetic rescue of lineage-balanced blood cell production reveals a crucial role for STAT3 antiinflammatory activity in hematopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2311-E2319.	7.1	9
82	Interplay between estrogen and Stat3/NF- κ B-driven immunomodulation in lung cancer. <i>Carcinogenesis</i> , 2020, 41, 1529-1542.	2.8	9
83	A STATus report on DC development. <i>Journal of Leukocyte Biology</i> , 2012, 92, 445-459.	3.3	8
84	Loss of Kit and bone marrow failure upon conditional removal of the GATA-2 terminal zinc finger domain in adult mice. <i>European Journal of Haematology</i> , 2016, 97, 261-270.	2.2	8
85	Dominant action of mutated erythropoietin receptors on differentiation in vitro and erythroleukemia development in vivo. <i>Oncogene</i> , 2000, 19, 953-960.	5.9	6
86	Generation of T Follicular Helper Cells Is Mediated by Interleukin-21 but Independent of T Helper 1, 2, or 17 Cell Lineages. <i>Immunity</i> , 2008, 29, 318.	14.3	4
87	Dendritic cells: Transcriptional control of plasmacytoid dendritic cell development by E2. <i>Immunology and Cell Biology</i> , 2009, 87, 1-2.	2.3	4
88	G-CSF Receptor Structure, Function, and Intracellular Signal Transduction. , 2012, , 83-105.		3
89	Microbial messaging to the marrow. <i>Blood</i> , 2014, 124, 1379-1380.	1.4	2
90	Jak-STAT Signaling Pathways. , 2016, , 134-145.		1

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91	Truncated Human EpoR Causes Polycythemia in Fetal Erythropoiesis through Stat5 Hyperactivation.. Blood, 2005, 106, 567-567.	1.4	1
92	Regulation of Dendritic Cell Development by STATs. , 2012, , 169-186.		0
93	Assessing the Development of Murine Plasmacytoid Dendritic Cells in Peyer's Patches Using Adoptive Transfer of Hematopoietic Progenitors. Journal of Visualized Experiments, 2014, , .	0.3	0
94	Introduction to the Special Issue: The tumor microenvironment and molecular regulation of innate immune cells. Molecular Immunology, 2019, 110, 1-2.	2.2	0
95	Regulation and function of Id2 in plasmacytoid dendritic cells. Molecular Immunology, 2022, 148, 6-17.	2.2	0