Hua Yu

List of Publications by Year in Descending Order

116 papers	21,216 citations	58 h-index	121 g-index
121 ext. papers	23,492 ext. citations	11 avg, IF	6.7 L-index

#	Paper	IF	Citations
116	Fatty acid oxidation protects cancer cells from apoptosis by increasing mitochondrial membrane lipids. *Cell Reports*, **2022**, 39, 110870	10.6	2
115	PARP Inhibition Activates STAT3 in Both Tumor and Immune Cells Underlying Therapy Resistance and Immunosuppression In Ovarian Cancer.. *Frontiers in Oncology*, **2021**, 11, 724104	5.3	1
114	Co-delivery of paclitaxel and STAT3 siRNA by a multifunctional nanocomplex for targeted treatment of metastatic breast cancer. *Acta Biomaterialia*, **2021**, 134, 649-663	10.8	5
113	Metastasis-Entrained Eosinophils Enhance Lymphocyte-Mediated Antitumor Immunity. *Cancer Research*, **2021**, 81, 5555-5571	10.1	3
112	Potent antitumor effects of cell-penetrating peptides targeting STAT3 axis. *JCI Insight*, **2021**, 6,	9.9	3
111	Integrin β3 signaling induces STAT3-TET3-mediated hydroxymethylation of genes critical for maintenance of glioma stem cells. *Oncogene*, **2020**, 39, 2156-2169	9.2	10
110	STAT3 Activation-Induced Fatty Acid Oxidation in CD8 T Effector Cells Is Critical for Obesity-Promoted Breast Tumor Growth. *Cell Metabolism*, **2020**, 31, 148-161.e5	24.6	88
109	CD44 in Ovarian Cancer Progression and Therapy Resistance-A Critical Role for STAT3. *Frontiers in Oncology*, **2020**, 10, 589601	5.3	14
108	An effective cell-penetrating antibody delivery platform. *JCI Insight*, **2019**, 4,	9.9	8
107	T-Cell Protein Tyrosine Phosphatase Restricts Intestinal Epithelial Cell Expression of the Oncogene Annexin A4. *FASEB Journal*, **2018**, 32, 610.2	0.9	
106	JAK/STAT3-Regulated Fatty Acid β-Oxidation Is Critical for Breast Cancer Stem Cell Self-Renewal and Chemoresistance. *Cell Metabolism*, **2018**, 27, 136-150.e5	24.6	287
105	Reduced IL-6 levels and tumor-associated phospho-STAT3 are associated with reduced tumor development in a mouse model of lung cancer chemoprevention with myo-inositol. *International Journal of Cancer*, **2018**, 142, 1405-1417	7.5	27
104	Tumour ischaemia by interferon-γ resembles physiological blood vessel regression. *Nature*, **2017**, 545, 98-102	50.4	121
103	Extrafollicular CD4 T-B interactions are sufficient for inducing autoimmune-like chronic graft-versus-host disease. *Nature Communications*, **2017**, 8, 978	17.4	35
102	CTLA4 Promotes Tyk2-STAT3-Dependent B-cell Oncogenicity. *Cancer Research*, **2017**, 77, 5118-5128	10.1	17
101	Sphingosine-1-Phosphate Receptor-1 Promotes Environment-Mediated and Acquired Chemoresistance. *Molecular Cancer Therapeutics*, **2017**, 16, 2516-2527	6.1	11
100	Inhibition of the STAT3 signaling pathway contributes to apigenin-mediated anti-metastatic effect in melanoma. *Scientific Reports*, **2016**, 6, 21731	4.9	71

99	CD5 Binds to Interleukin-6 and Induces a Feed-Forward Loop with the Transcription Factor STAT3 in B Cells to Promote Cancer. *Immunity*, **2016**, 44, 913-923	32.3	94
98	CD8+ T-cell immunosurveillance constrains lymphoid premetastatic myeloid cell accumulation. *European Journal of Immunology*, **2015**, 45, 71-81	6.1	23
97	Clinical and Translational Assessment of VEGFR1 as a Mediator of the Premetastatic Niche in High-Risk Localized Prostate Cancer. *Molecular Cancer Therapeutics*, **2015**, 14, 2896-900	6.1	14
96	STAT3 in CD8+ T Cells Inhibits Their Tumor Accumulation by Downregulating CXCR3/CXCL10 Axis. *Cancer Immunology Research*, **2015**, 3, 864-870	12.5	51
95	Extrafollicular CD4+ T and B Interaction Induces Chronic Gvhd in the Absence of Germinal Center Formation. *Blood*, **2015**, 126, 1875-1875	2.2	
94	Revisiting STAT3 signalling in cancer: new and unexpected biological functions. *Nature Reviews Cancer*, **2014**, 14, 736-46	31.3	1257
93	Loss of androgen receptor expression promotes a stem-like cell phenotype in prostate cancer through STAT3 signaling. *Cancer Research*, **2014**, 74, 1227-37	10.1	133
92	TLR9 is critical for glioma stem cell maintenance and targeting. *Cancer Research*, **2014**, 74, 5218-28	10.1	48
91	S1PR1 is crucial for accumulation of regulatory T cells in tumors via STAT3. *Cell Reports*, **2014**, 6, 992-999	10.6	67
90	Inhibition of STAT3 signalling contributes to the antimelanoma action of atractylenolide II. *Experimental Dermatology*, **2014**, 23, 855-7	4	21
89	Quercetin exerts anti-melanoma activities and inhibits STAT3 signaling. *Biochemical Pharmacology*, **2014**, 87, 424-34	6	107
88	CTLA4 aptamer delivers STAT3 siRNA to tumor-associated and malignant T cells. *Journal of Clinical Investigation*, **2014**, 124, 2977-87	15.9	96
87	STAT3 activation in tumor cell-free lymph nodes predicts a poor prognosis for gastric cancer. *International Journal of Clinical and Experimental Pathology*, **2014**, 7, 1140-6	1.4	11
86	JAK/STAT Signaling in Myeloid Cells: Targets for Cancer Immunotherapy **2013**, 435-449		
85	Dual inhibition of Janus and Src family kinases by novel indirubin derivative blocks constitutively-activated Stat3 signaling associated with apoptosis of human pancreatic cancer cells. *Molecular Oncology*, **2013**, 7, 369-78	7.9	58
84	TLR9-mediated siRNA delivery for targeting of normal and malignant human hematopoietic cells in vivo. *Blood*, **2013**, 121, 1304-15	2.2	88
83	B7-H3 associated with tumor progression and epigenetic regulatory activity in cutaneous melanoma. *Journal of Investigative Dermatology*, **2013**, 133, 2050-8	4.3	97
82	Regulation of adipose tissue T cell subsets by Stat3 is crucial for diet-induced obesity and insulin resistance. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13079-84	11.5	81

81	Critical role of STAT3 in IL-6-mediated drug resistance in human neuroblastoma. *Cancer Research*, **2013**, 73, 3852-64	10.1	96
80	G-protein-coupled receptor agonist BV8/prokineticin-2 and STAT3 protein form a feed-forward loop in both normal and malignant myeloid cells. *Journal of Biological Chemistry*, **2013**, 288, 13842-9	5.4	35
79	Prognostic significance of B-cells and pSTAT3 in patients with ovarian cancer. *PLoS ONE*, **2013**, 8, e54029	3.7	44
78	B cells promote tumor progression via STAT3 regulated-angiogenesis. *PLoS ONE*, **2013**, 8, e64159	3.7	82
77	Icaritin inhibits JAK/STAT3 signaling and growth of renal cell carcinoma. *PLoS ONE*, **2013**, 8, e81657	3.7	62
76	Myeloid clusters are associated with a pro-metastatic environment and poor prognosis in smoking-related early stage non-small cell lung cancer. *PLoS ONE*, **2013**, 8, e65121	3.7	14
75	S1PR1 is an effective target to block STAT3 signaling in activated B cell-like diffuse large B-cell lymphoma. *Blood*, **2012**, 120, 1458-65	2.2	77
74	Bortezomib induces apoptosis and growth suppression in human medulloblastoma cells, associated with inhibition of AKT and NF-Β signaling, and synergizes with an ERK inhibitor. *Cancer Biology and Therapy*, **2012**, 13, 349-57	4.6	26
73	S1PR1-STAT3 signaling is crucial for myeloid cell colonization at future metastatic sites. *Cancer Cell*, **2012**, 21, 642-654	24.3	191
72	Sorafenib inhibits endogenous and IL-6/S1P induced JAK2-STAT3 signaling in human neuroblastoma, associated with growth suppression and apoptosis. *Cancer Biology and Therapy*, **2012**, 13, 534-41	4.6	21
71	Acetylated STAT3 is crucial for methylation of tumor-suppressor gene promoters and inhibition by resveratrol results in demethylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 7765-9	11.5	166
70	STAT3 and Src Signaling in Melanoma **2012**, 89-105		
69	Characterizing and Modulating the Tumor Microenvironment in Renal Cell Carcinoma: Potential Therapeutic Strategies **2012**, 239-252		
68	Humanized Lewis-Y specific antibody based delivery of STAT3 siRNA. *ACS Chemical Biology*, **2011**, 6, 962-70	4.9	36
67	Oncogene-targeting T cells reject large tumors while oncogene inactivation selects escape variants in mouse models of cancer. *Cancer Cell*, **2011**, 20, 755-67	24.3	37
66	STAT3: a target to enhance antitumor immune response. *Current Topics in Microbiology and Immunology*, **2011**, 344, 41-59	3.3	84
65	Antiangiogenic and antimetastatic activity of JAK inhibitor AZD1480. *Cancer Research*, **2011**, 71, 6601-10	10.1	94
64	A requirement of STAT3 DNA binding precludes Th-1 immunostimulatory gene expression by NF-Β in tumors. *Cancer Research*, **2011**, 71, 3772-80	10.1	31

63	STAT3 inhibition is a therapeutic strategy for ABC-like diffuse large B-cell lymphoma. *Cancer Research*, **2011**, 71, 3182-8	10.1	82
62	STAT3-induced S1PR1 expression is crucial for persistent STAT3 activation in tumors. *Nature Medicine*, **2010**, 16, 1421-8	50.5	296
61	Targeting Stat3 in the myeloid compartment drastically improves the in vivo antitumor functions of adoptively transferred T cells. *Cancer Research*, **2010**, 70, 7455-64	10.1	98
60	Targeting STAT3 in adoptively transferred T cells promotes their in vivo expansion and antitumor effects. *Cancer Research*, **2010**, 70, 9599-610	10.1	96
59	Antitumor activity of targeting SRC kinases in endothelial and myeloid cell compartments of the tumor microenvironment. *Clinical Cancer Research*, **2010**, 16, 924-35	12.9	48
58	Breaking through a plateau in renal cell carcinoma therapeutics: development and incorporation of biomarkers. *Molecular Cancer Therapeutics*, **2010**, 9, 3115-25	6.1	21
57	Sunitinib induces apoptosis and growth arrest of medulloblastoma tumor cells by inhibiting STAT3 and AKT signaling pathways. *Molecular Cancer Research*, **2010**, 8, 35-45	6.6	85
56	Deciphering the anticancer mechanisms of sunitinib. *Cancer Biology and Therapy*, **2010**, 10, 712-4	4.6	5
55	IL-17 enhances tumor development in carcinogen-induced skin cancer. *Cancer Research*, **2010**, 70, 10112-20	10.1	130
54	Toll-like receptor 9 activation of signal transducer and activator of transcription 3 constrains its agonist-based immunotherapy. *Cancer Research*, **2009**, 69, 2497-505	10.1	102
53	Sunitinib inhibition of Stat3 induces renal cell carcinoma tumor cell apoptosis and reduces immunosuppressive cells. *Cancer Research*, **2009**, 69, 2506-13	10.1	399
52	Regulation of the IL-23 and IL-12 balance by Stat3 signaling in the tumor microenvironment. *Cancer Cell*, **2009**, 15, 114-23	24.3	379
51	Persistently activated Stat3 maintains constitutive NF-kappaB activity in tumors. *Cancer Cell*, **2009**, 15, 283-93	24.3	498
50	The JAK2 inhibitor AZD1480 potently blocks Stat3 signaling and oncogenesis in solid tumors. *Cancer Cell*, **2009**, 16, 487-97	24.3	431
49	Stat3 inhibition activates tumor macrophages and abrogates glioma growth in mice. *Glia*, **2009**, 57, 1458-67	5	143
48	In vivo delivery of siRNA to immune cells by conjugation to a TLR9 agonist enhances antitumor immune responses. *Nature Biotechnology*, **2009**, 27, 925-32	44.5	312
47	STATs in cancer inflammation and immunity: a leading role for STAT3. *Nature Reviews Cancer*, **2009**, 9, 798-809	31.3	2923
46	IL-17 can promote tumor growth through an IL-6-Stat3 signaling pathway. *Journal of Experimental Medicine*, **2009**, 206, 1457-64	16.6	603

45	Src activation in melanoma and Src inhibitors as therapeutic agents in melanoma. *Melanoma Research*, **2009**, 19, 167-75	3.3	43
44	IL-17 can promote tumor growth through an IL-6/Stat3 signaling pathway. *Journal of Cell Biology*, **2009**, 186, i2-i2	7.3	1
43	Signal transducer and activator of transcription 3 is required for hypoxia-inducible factor-1alpha RNA expression in both tumor cells and tumor-associated myeloid cells. *Molecular Cancer Research*, **2008**, 6, 1099-105	6.6	136
42	Stat3 mediates myeloid cell-dependent tumor angiogenesis in mice. *Journal of Clinical Investigation*, **2008**, 118, 3367-77	15.9	407
41	Activated stat-3 in melanoma. *Cancer Control*, **2008**, 15, 196-201	2.2	53
40	Role of Stat3 in suppressing anti-tumor immunity. *Current Opinion in Immunology*, **2008**, 20, 228-33	7.8	146
39	Crosstalk between cancer and immune cells: role of STAT3 in the tumour microenvironment. *Nature Reviews Immunology*, **2007**, 7, 41-51	36.5	1391
38	Activated signal transducers and activators of transcription 3 signaling induces CD46 expression and protects human cancer cells from complement-dependent cytotoxicity. *Molecular Cancer Research*, **2007**, 5, 823-32	6.6	41
37	Cutting edge: An in vivo requirement for STAT3 signaling in TH17 development and TH17-dependent autoimmunity. *Journal of Immunology*, **2007**, 179, 4313-7	5.3	457
36	Stat3 as a potential target for cancer immunotherapy. *Journal of Immunotherapy*, **2007**, 30, 131-9	5	72
35	Methylation of Stat1 promoter can contribute to squamous cell carcinogenesis. *Journal of the National Cancer Institute*, **2006**, 98, 154-5	9.7	1
34	Inhibiting Stat3 signaling in the hematopoietic system elicits multicomponent antitumor immunity. *Nature Medicine*, **2005**, 11, 1314-21	50.5	778
33	Targeting Stat3 blocks both HIF-1 and VEGF expression induced by multiple oncogenic growth signaling pathways. *Oncogene*, **2005**, 24, 5552-60	9.2	456
32	Targeting STAT3 affects melanoma on multiple fronts. *Cancer and Metastasis Reviews*, **2005**, 24, 315-27	9.6	240
31	Molecular cloning and characterization of the human AKT1 promoter uncovers its up-regulation by the Src/Stat3 pathway. *Journal of Biological Chemistry*, **2005**, 280, 38932-41	5.4	40
30	Role of Stat3 in regulating p53 expression and function. *Molecular and Cellular Biology*, **2005**, 25, 7432-40	4.8	284
29	Chinese herbal formula, Bing De Ling, enhances antitumor effects and ameliorates weight loss induced by 5-fluorouracil in the mouse CT26 tumor model. *DNA and Cell Biology*, **2005**, 24, 470-5	3.6	8
28	Stat3 activity in melanoma cells affects migration of immune effector cells and nitric oxide-mediated antitumor effects. *Journal of Immunology*, **2005**, 174, 3925-31	5.3	117

27	Regulation of the innate and adaptive immune responses by Stat-3 signaling in tumor cells. *Nature Medicine*, **2004**, 10, 48-54	50.5	911
26	The STATs of cancer--new molecular targets come of age. *Nature Reviews Cancer*, **2004**, 4, 97-105	31.3	1845
25	Inhibition of constitutive signal transducer and activator of transcription 3 activation by novel platinum complexes with potent antitumor activity. *Molecular Cancer Therapeutics*, **2004**, 3, 1533-42	6.1	129
24	A critical role for Stat3 signaling in immune tolerance. *Immunity*, **2003**, 19, 425-36	32.3	318
23	STAT Proteins as Molecular Targets for Cancer Therapy **2003**, 645-661		
22	Constitutive Stat3 activity up-regulates VEGF expression and tumor angiogenesis. *Oncogene*, **2002**, 21, 2000-8	9.2	944
21	Roles of activated Src and Stat3 signaling in melanoma tumor cell growth. *Oncogene*, **2002**, 21, 7001-10	9.2	353
20	Inhibition of Bcr-Abl kinase activity by PD180970 blocks constitutive activation of Stat5 and growth of CML cells. *Oncogene*, **2002**, 21, 8804-16	9.2	119
19	Combination therapy with AG-490 and interleukin 12 achieves greater antitumor effects than either agent alone. *Molecular Cancer Therapeutics*, **2002**, 1, 893-9	6.1	38
18	Constitutive activation of Stat3 by the Src and JAK tyrosine kinases participates in growth regulation of human breast carcinoma cells. *Oncogene*, **2001**, 20, 2499-513	9.2	606
17	Anti-CD40 antibody induces antitumor and antimetastatic effects: the role of NK cells. *Journal of Immunology*, **2001**, 166, 89-94	5.3	95
16	Use of gene gun for genetic immunotherapy : in vitro and in vivo methods. *Methods in Molecular Medicine*, **2001**, 61, 223-40		0
15	Gene gun application in the generation of effector T cells for adoptive immunotherapy. *Cancer Immunology, Immunotherapy*, **2000**, 48, 635-43	7.4	14
14	Alternative pathways of cell death to circumvent pleiotropic resistance in myeloma cells: role of cytotoxic T-lymphocytes. *Leukemia and Lymphoma*, **2000**, 38, 59-70	1.9	2
13	Bing de ling, a Chinese herbal formula, stimulates multifaceted immunologic responses in mice. *DNA and Cell Biology*, **2000**, 19, 515-20	3.6	7
12	Signal Transducers and Activators of Transcription: Novel Targets for Anticancer Therapeutics. *Cancer Control*, **1999**, 6, 1-7	2.2	6
11	Cytokine-Based Tumor Cell Vaccine Is Equally Effective Against Parental and Isogenic Multidrug-Resistant Myeloma Cells: The Role of Cytotoxic T Lymphocytes. *Blood*, **1999**, 93, 1831-1837	2.2	35
10	Interleukin-12 cDNA skin transfection potentiates human papillomavirus E6 DNA vaccine-induced antitumor immune response. *Cancer Gene Therapy*, **1999**, 6, 331-9	5.4	30

9	Activation of microglial cells by the CD40 pathway: relevance to multiple sclerosis. *Journal of Neuroimmunology*, **1999**, 97, 77-85	3.5	70
8	A FEASIBILITY STUDY OF GENE GUN MEDIATED IMMUNOTHERAPY FOR RENAL CELL CARCINOMA. *Journal of Urology*, **1999**, 162, 1259-1263	2.5	16
7	Broadened clinical utility of gene gun-mediated, granulocyte-macrophage colony-stimulating factor cDNA-based tumor cell vaccines as demonstrated with a mouse myeloma model. *Human Gene Therapy*, **1998**, 9, 1121-30	4.8	43
6	Interferon-gamma-inducing factor elicits antitumor immunity in association with interferon-gamma production. *Journal of Immunotherapy*, **1998**, 21, 48-55	5	33
5	Activation of c-Src by receptor tyrosine kinases in human colon cancer cells with high metastatic potential. *Oncogene*, **1997**, 15, 3083-90	9.2	170
4	Assessment of intracellular TAP-1 and TAP-2 in conjunction with surface MHC class I in plasma cells from patients with multiple myeloma. *British Journal of Haematology*, **1997**, 98, 426-32	4.5	10
3	T cell recognition of endogenous IgG2a expressed in B lymphoma cells. *European Journal of Immunology*, **1988**, 18, 341-8	6.1	31
2	STAT signaling as a molecular target for cancer therapy305-312		
1	Constitutive Stat3 activity up-regulates VEGF expression and tumor angiogenesis		10