Jianhua Yu

List of Publications by Year in Descending Order

127 papers	5,263 citations	41 h-index	70 g-index
136 ext. papers	6,832 ext. citations	9.8 avg, IF	5.73 L-index

#	Paper	IF	Citations
127	NOTCH induced MDSC recruitment after oHSV virotherapy in CNS cancer models modulates anti-tumor immunotherapy.. *Clinical Cancer Research*, **2022**,	12.9	6
126	Off-the-shelf PSCA-directed chimeric antigen receptor natural killer cell therapy to treat pancreatic cancer.. *Gastroenterology*, **2022**,	13.3	5
125	PDGF-D-PDGFRβ signaling enhances IL-15-mediated human natural killer cell survival.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	1
124	Interplay Between mA RNA Methylation and Regulation of Metabolism in Cancer.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 813581	5.7	0
123	A four-stage model for murine natural killer cell development in vivo.. *Journal of Hematology and Oncology*, **2022**, 15, 31	22.4	0
122	Protocatechuic Acid, a Gut Bacterial Metabolite of Black Raspberries, Inhibits Adenoma Development and Alters Gut Microbiome Profiles in Mice.. *Journal of Cancer Prevention*, **2022**, 27, 50-57	3	0
121	B7H6 Serves as a Negative Prognostic Marker and an Immune Modulator in Human Pancreatic Cancer.. *Frontiers in Oncology*, **2022**, 12, 814312	5.3	1
120	Targeting the RNA mA modification for cancer immunotherapy.. *Molecular Cancer*, **2022**, 21, 76	42.1	5
119	Promoting antibody-dependent cellular phagocytosis for effective macrophage-based cancer immunotherapy.. *Science Advances*, **2022**, 8, eabl9171	14.3	1
118	Off-the-shelf CAR natural killer cells secreting IL-15 target spike in treating COVID-19.. *Nature Communications*, **2022**, 13, 2576	17.4	3
117	The K18-hACE2 Transgenic Mouse Model Recapitulates Non-Severe and Severe COVID-19 in Response to Infectious Dose of SARS-CoV-2 Virus. *Journal of Virology*, **2021**, JVI0096421	6.6	8
116	MicroRNA Regulation of T-Cell Exhaustion in Cutaneous T Cell Lymphoma. *Journal of Investigative Dermatology*, **2021**,	4.3	3
115	An oncolytic virus expressing a full-length antibody enhances antitumor innate immune response to glioblastoma. *Nature Communications*, **2021**, 12, 5908	17.4	6
114	Targeting Fc Receptor-Mediated Effects and the "Don't Eat Me" Signal with an Oncolytic Virus Expressing an Anti-CD47 Antibody to Treat Metastatic Ovarian Cancer. *Clinical Cancer Research*, **2021**,	12.9	2
113	Generation and validation of CRISPR-engineered human natural killer cell lines for research and therapeutic applications. *STAR Protocols*, **2021**, 2, 100874	1.4	0
112	Dysregulated Free Fatty Acid Receptor 2 Exacerbates Colonic Adenoma Formation in Mice: Relation to Metabolism and Gut Microbiota Composition. *Journal of Cancer Prevention*, **2021**, 26, 32-40	3	1
111	Effect of cabazitaxel on macrophages improves CD47-targeted immunotherapy for triple-negative breast cancer **2021**, 9,		7

110	An Oncolytic Virus Expressing IL15/IL15R Combined with Off-the-Shelf EGFR-CAR NK Cells Targets Glioblastoma. *Cancer Research*, **2021**, 81, 3635-3648	10.1	18
109	Shaping Immune Responses in the Tumor Microenvironment of Ovarian Cancer. *Frontiers in Immunology*, **2021**, 12, 692360	8.4	6
108	FXa cleaves the SARS-CoV-2 spike protein and blocks cell entry to protect against infection with inferior effects in B.1.1.7 variant **2021**,		2
107	Dual roles of a novel oncolytic viral vector-based SARS-CoV-2 vaccine: preventing COVID-19 and treating tumor progression **2021**,		6
106	Activated natural killer cells predict poor clinical prognosis in high-risk B- and T-cell acute lymphoblastic leukemia. *Blood*, **2021**, 138, 1465-1480	2.2	7
105	The RNA m6A reader YTHDF2 controls NK cell antitumor and antiviral immunity. *Journal of Experimental Medicine*, **2021**, 218,	16.6	18
104	Unraveling the Role of Innate Lymphoid Cells in AcuteMyeloid Leukemia. *Cancers*, **2021**, 13,	6.6	2
103	Epitope-resolved profiling of the SARS-CoV-2 antibody response identifies cross-reactivity with endemic human coronaviruses. *Cell Reports Medicine*, **2021**, 2, 100189	18	80
102	Hijacking TYRO3 from Tumor Cells via Trogocytosis Enhances NK-cell Effector Functions and Proliferation. *Cancer Immunology Research*, **2021**, 9, 1229-1241	12.5	2
101	Acute Myeloid Leukemia Alters Group 1 Innate Lymphoid Cell Differentiation from a Common Precursor. *Journal of Immunology*, **2021**, 207, 1672-1682	5.3	1
100	SARS-CoV-2 Nsp5 Demonstrates Two Distinct Mechanisms Targeting RIG-I and MAVS To Evade the Innate Immune Response. *MBio*, **2021**, 12, e0233521	7.8	11
99	Dietary supplementation with black raspberries prolongs survival in Apc mice.. *Food Frontiers*, **2021**, 2, 324-328	4.2	1
98	The RNA binding protein QKI5 suppresses ovarian cancer via downregulating transcriptional coactivator TAZ. *Molecular Therapy - Nucleic Acids*, **2021**, 26, 388-400	10.7	2
97	Cbl-b Is Upregulated and Plays a Negative Role in Activated Human NK Cells. *Journal of Immunology* , **2021**, 206, 677-685	5.3	2
96	Chimeric antigen receptor-engineered natural killer cells for cancer immunotherapy. *Journal of Hematology and Oncology*, **2020**, 13, 168	22.4	51
95	Oncolytic HSV-Infected Glioma Cells Activate NOTCH in Adjacent Tumor Cells Sensitizing Tumors to Gamma Secretase Inhibition. *Clinical Cancer Research*, **2020**, 26, 2381-2392	12.9	13
94	Activated Natural Killer Cells Are Associated with Poor Clinical Prognosis in High-Risk B- and T- Cell Acute Lymphoblastic Leukemia. *Blood*, **2020**, 136, 39-39	2.2	
93	Black Raspberries Suppress Colorectal Cancer by Enhancing Smad4 Expression in Colonic Epithelium and Natural Killer Cells. *Frontiers in Immunology*, **2020**, 11, 570683	8.4	4

92	Anti-colonic Inflammation by Black Raspberries through Regulating Toll-like Receptor-4 Signaling in Interlukin-10 Knockout Mice. *Journal of Cancer Prevention*, **2020**, 25, 119-125	3	0
91	The m6A reader YTHDF1 promotes ovarian cancer progression via augmenting EIF3C translation. *Nucleic Acids Research*, **2020**, 48, 3816-3831	20.1	190
90	Epitope-resolved profiling of the SARS-CoV-2 antibody response identifies cross-reactivity with an endemic human CoV **2020**,		14
89	Transplanting fecal material from wild-type mice fed black raspberries alters the immune system of recipient mice. *Food Frontiers*, **2020**, 1, 253-259	4.2	3
88	Black raspberries attenuate colonic adenoma development in mice: Relationship to hypomethylation of promoters and gene bodies. *Food Frontiers*, **2020**, 1, 234-242	4.2	4
87	Hematopoietic-Specific Deletion of Foxo1 Promotes NK Cell Specification and Proliferation. *Frontiers in Immunology*, **2019**, 10, 1016	8.4	10
86	Diet and colon: what matters?. *Current Opinion in Gastroenterology*, **2019**, 35, 101-106	3	7
85	The Mechanism of Anti-PD-L1 Antibody Efficacy against PD-L1-Negative Tumors Identifies NK Cells Expressing PD-L1 as a Cytolytic Effector. *Cancer Discovery*, **2019**, 9, 1422-1437	24.4	90
84	CSIG-23. NOTCH ACTIVATION INDUCED BY HSV-1 ENCODED miRNA-H16 SENSITIZES oHSV-TREATED TUMORS TO NOTCH INHIBITOR. *Neuro-Oncology*, **2019**, 21, vi49-vi49	1	78
83	GBM-Targeted oHSV Armed with Matrix Metalloproteinase 9 Enhances Anti-tumor Activity and Animal Survival. *Molecular Therapy - Oncolytics*, **2019**, 15, 214-222	6.4	17
82	Design, synthesis and evaluation of anti-CD38 antibody drug conjugate based on Daratumumab and maytansinoid. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 479-482	3.4	9
81	The IL-15-AKT-XBP1s signaling pathway contributes to effector functions and survival in human NK cells. *Nature Immunology*, **2019**, 20, 10-17	19.1	42
80	Fratricide of NK Cells in Daratumumab Therapy for Multiple Myeloma Overcome by -Expanded Autologous NK Cells. *Clinical Cancer Research*, **2018**, 24, 4006-4017	12.9	62
79	The natural product chitosan enhances the anti-tumor activity of natural killer cells by activating dendritic cells. *OncoImmunology*, **2018**, 7, e1431085	7.2	22
78	Colon Cancer: What We Eat. *Surgical Oncology Clinics of North America*, **2018**, 27, 243-267	2.7	32
77	FOXOs in cancer immunity: Knowns and unknowns. *Seminars in Cancer Biology*, **2018**, 50, 53-64	12.7	38
76	Loss of FFAR2 promotes colon cancer by epigenetic dysregulation of inflammation suppressors. *International Journal of Cancer*, **2018**, 143, 886-896	7.5	41
75	Advance in Targeted Immunotherapy for Graft-Versus-Host Disease. *Frontiers in Immunology*, **2018**, 9, 1087	8.4	24

74	Could Aspirin and Diets High in Fiber Act Synergistically to Reduce the Risk of Colon Cancer in Humans?. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	15
73	An immunological perspective for preventing cancer with berries. *Journal of Berry Research*, **2018**, 8, 163-175	2	14
72	DDB2 represses ovarian cancer cell dedifferentiation by suppressing ALDH1A1. *Cell Death and Disease*, **2018**, 9, 561	9.8	11
71	Dependence of innate lymphoid cell 1 development on NKp46. *PLoS Biology*, **2018**, 16, e2004867	9.7	12
70	First-in-man clinical trial of CAR NK-92 cells: safety test of CD33-CAR NK-92 cells in patients with relapsed and refractory acute myeloid leukemia. *American Journal of Cancer Research*, **2018**, 8, 1083-1089	4.4	133
69	An oncolytic herpesvirus expressing E-cadherin improves survival in mouse models of glioblastoma. *Nature Biotechnology*, **2018**,	44.5	36
68	Epigenetic and Posttranscriptional Regulation of CD16 Expression during Human NK Cell Development. *Journal of Immunology*, **2018**, 200, 565-572	5.3	18
67	SMAD4 promotes TGF-□independent NK cell homeostasis and maturation and antitumor immunity. *Journal of Clinical Investigation*, **2018**, 128, 5123-5136	15.9	41
66	PTEN expression by an oncolytic herpesvirus directs T-cell mediated tumor clearance. *Nature Communications*, **2018**, 9, 5006	17.4	27
65	Crosstalks between mTORC1 and mTORC2 variagate cytokine signaling to control NK maturation and effector function. *Nature Communications*, **2018**, 9, 4874	17.4	54
64	Gut bacteria are required for the benefits of black raspberries in mice. *Journal of Berry Research*, **2018**, 8, 239-249	2	12
63	Human AML activates the aryl hydrocarbon receptor pathway to impair NK cell development and function. *Blood*, **2018**, 132, 1792-1804	2.2	46
62	A CS1-NKG2D Bispecific Antibody Collectively Activates Cytolytic Immune Cells against Multiple Myeloma. *Cancer Immunology Research*, **2018**, 6, 776-787	12.5	50
61	Profiling analysis of long non-coding RNAs in early postnatal mouse hearts. *Scientific Reports*, **2017**, 7, 43485	4.9	10
60	Blocking the CCL2-CCR2 Axis Using CCL2-Neutralizing Antibody Is an Effective Therapy for Hepatocellular Cancer in a Mouse Model. *Molecular Cancer Therapeutics*, **2017**, 16, 312-322	6.1	59
59	Loss of free fatty acid receptor 2 enhances colonic adenoma development and reduces the chemopreventive effects of black raspberries in ApcMin/+ mice. *Carcinogenesis*, **2017**, 38, 86-93	4.6	32
58	Black Raspberries Enhance Natural Killer Cell Infiltration into the Colon and Suppress the Progression of Colorectal Cancer. *Frontiers in Immunology*, **2017**, 8, 997	8.4	23
57	IL-18 Drives ILC3 Proliferation and Promotes IL-22 Production via NF-B. *Journal of Immunology*, **2017**, 199, 2333-2342	5.3	46

56	The Fc Domain of Immunoglobulin Is Sufficient to Bridge NK Cells with Virally Infected Cells. *Immunity*, **2017**, 47, 159-170.e10	32.3	19
55	Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats. *Nutrition and Cancer*, **2017**, 69, 943-951	2.8	62
54	Berries and other natural products in the pancreatic cancer chemoprevention in human clinical trials. *Journal of Berry Research*, **2017**, 7, 147-161	2	37
53	The Broad Spectrum of Human Natural Killer Cell Diversity. *Immunity*, **2017**, 47, 820-833	32.3	302
52	BAI1 Orchestrates Macrophage Inflammatory Response to HSV Infection-Implications for Oncolytic Viral Therapy. *Clinical Cancer Research*, **2017**, 23, 1809-1819	12.9	20
51	Sustained elevation of NF-B activity sensitizes offspring of maternal inflammation to hypertension via impairing PGC-1 recovery. *Scientific Reports*, **2016**, 6, 32642	4.9	5
50	Cellular and molecular mechanisms in graft-versus-host disease. *Journal of Leukocyte Biology*, **2016**, 99, 279-87	6.5	39
49	Modulation of Toll-like receptor signaling in innate immunity by natural products. *International Immunopharmacology*, **2016**, 37, 65-70	5.8	24
48	Atorvastatin for the Prophylaxis of Acute Graft-versus-Host Disease in Patients Undergoing HLA-Matched Related Donor Allogeneic Hematopoietic Stem Cell Transplantation (allo-HCT). *Biology of Blood and Marrow Transplantation*, **2016**, 22, 71-9	4.7	6
47	Remission of an extensively pre-treated relapsing/refractory ALK-positive anaplastic large cell lymphoma following metronomic therapy. *Leukemia and Lymphoma*, **2016**, 57, 1194-6	1.9	1
46	MicroRNA-29b mediates altered innate immune development in acute leukemia. *Journal of Clinical Investigation*, **2016**, 126, 4404-4416	15.9	42
45	Cytomegalovirus induces strong antileukemic effect in acute myeloid leukemia patients following sibling HSCT without ATG-containing regimen. *American Journal of Translational Research (discontinued)*, **2016**, 8, 653-61	3	9
44	A combinational therapy of EGFR-CAR NK cells and oncolytic herpes simplex virus 1 for breast cancer brain metastases. *Oncotarget*, **2016**, 7, 27764-77	3.3	125
43	Systemic delivery of IL-27 by an adeno-associated viral vector inhibits T cell-mediated colitis and induces multiple inhibitory pathways in T cells. *Journal of Leukocyte Biology*, **2016**, 100, 403-11	6.5	12
42	NKp80 Defines a Critical Step during Human Natural Killer Cell Development. *Cell Reports*, **2016**, 16, 379-391	8.36	68
41	Maternal inflammation activated ROS-p38 MAPK predisposes offspring to heart damages caused by isoproterenol via augmenting ROS generation. *Scientific Reports*, **2016**, 6, 30146	4.9	29
40	Environmental and Genetic Activation of Hypothalamic BDNF Modulates T-cell Immunity to Exert an Anticancer Phenotype. *Cancer Immunology Research*, **2016**, 4, 488-497	12.5	35
39	Combined cancer therapy with hyaluronan-decorated fullerene-silica multifunctional nanoparticles to target cancer stem-like cells. *Biomaterials*, **2016**, 97, 62-73	15.6	70

38	A Progenitor Cell Expressing Transcription Factor RORγt Generates All Human Innate Lymphoid Cell Subsets. *Immunity*, **2016**, 44, 1140-50	32.3	125
37	Decitabine enhances anti-CD33 monoclonal antibody BI 836858-mediated natural killer ADCC against AML blasts. *Blood*, **2016**, 127, 2879-89	2.2	63
36	Cytotoxic and natural killer cell stimulatory constituents of Phyllanthus songboiensis. *Phytochemistry*, **2015**, 111, 132-40	4	22
35	CAR-Engineered NK Cells Targeting Wild-Type EGFR and EGFRvIII Enhance Killing of Glioblastoma and Patient-Derived Glioblastoma Stem Cells. *Scientific Reports*, **2015**, 5, 11483	4.9	189
34	Enhanced expression of DNA polymerase eta contributes to cisplatin resistance of ovarian cancer stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4411-6	11.5	124
33	Transcription factor Foxo1 is a negative regulator of natural killer cell maturation and function. *Immunity*, **2015**, 42, 457-70	32.3	102
32	The Impact of Macrophage- and Microglia-Secreted TNFα on Oncolytic HSV-1 Therapy in the Glioblastoma Tumor Microenvironment. *Clinical Cancer Research*, **2015**, 21, 3274-85	12.9	59
31	Hyaluronic acid-decorated dual responsive nanoparticles of Pluronic F127, PLGA, and chitosan for targeted co-delivery of doxorubicin and irinotecan to eliminate cancer stem-like cells. *Biomaterials*, **2015**, 72, 74-89	15.6	158
30	TGFβ Treatment Enhances Glioblastoma Virotherapy by Inhibiting the Innate Immune Response. *Cancer Research*, **2015**, 75, 5273-82	10.1	61
29	CD25 and IFN-γ expression in the diagnosis of primary immunodeficiencies. *Journal of Pediatric Biochemistry*, **2015**, 02, 001-002		
28	DDB2 modulates TGF-β signal transduction in human ovarian cancer cells by downregulating NEDD4L. *Nucleic Acids Research*, **2015**, 43, 7838-49	20.1	29
27	Bone marrow CD11b(+)F4/80(+) dendritic cells ameliorate collagen-induced arthritis through modulating the balance between Treg and Th17. *International Immunopharmacology*, **2015**, 25, 96-105	5.8	20
26	PTEN is a negative regulator of NK cell cytolytic function. *Journal of Immunology*, **2015**, 194, 1832-40	5.3	28
25	TGF-β signaling and its targeting for glioma treatment. *American Journal of Cancer Research*, **2015**, 5, 945-55	4.4	92
24	Human natural killer cell development in secondary lymphoid tissues. *Seminars in Immunology*, **2014** , 26, 132-7	10.7	85
23	Nanoparticle-encapsulated doxorubicin enhances cryoablation of cancer stem-like cells **2014**, 02, 28-35		14
22	The transcription Factor AHR prevents the differentiation of a stage 3 innate lymphoid cell subset to natural killer cells. *Cell Reports*, **2014**, 8, 150-62	10.6	65
21	Piperlongumine treatment inactivates peroxiredoxin 4, exacerbates endoplasmic reticulum stress, and preferentially kills high-grade glioma cells. *Neuro-Oncology*, **2014**, 16, 1354-64	1	40

20	The natural product phyllanthusmin C enhances IFN-β production by human NK cells through upregulation of TLR-mediated NF-κB signaling. *Journal of Immunology*, **2014**, 193, 2994-3002	5.3	35
19	FLT3L and plerixafor combination increases hematopoietic stem cell mobilization and leads to improved transplantation outcome. *Biology of Blood and Marrow Transplantation*, **2014**, 20, 309-13	4.7	17
18	Genetic modification of T cells redirected toward CS1 enhances eradication of myeloma cells. *Clinical Cancer Research*, **2014**, 20, 3989-4000	12.9	90
17	Dietary black raspberries modulate DNA methylation in dextran sodium sulfate (DSS)-induced ulcerative colitis. *Carcinogenesis*, **2013**, 34, 2842-50	4.6	33
16	Location and cellular stages of natural killer cell development. *Trends in Immunology*, **2013**, 34, 573-82	14.4	222
15	Black raspberries protectively regulate methylation of Wnt pathway genes in precancerous colon tissue. *Cancer Prevention Research*, **2013**, 6, 1317-27	3.2	41
14	Curcumin down-regulates DNA methyltransferase 1 and plays an anti-leukemic role in acute myeloid leukemia. *PLoS ONE*, **2013**, 8, e55934	3.7	94
13	FLT3L and AMD3100 Combination Increases Hematopoietic Stem Cell Mobilization and Leads To Improved Transplantation Outcome. *Blood*, **2013**, 122, 901-901	2.2	
12	NK cells impede glioblastoma virotherapy through NKp30 and NKp46 natural cytotoxicity receptors. *Nature Medicine*, **2012**, 18, 1827-34	50.5	142
11	NKp46 identifies an NKT cell subset susceptible to leukemic transformation in mouse and human. *Journal of Clinical Investigation*, **2011**, 121, 1456-70	15.9	51
10	CD94 surface density identifies a functional intermediary between the CD56bright and CD56dim human NK-cell subsets. *Blood*, **2010**, 115, 274-81	2.2	180
9	CD94 defines phenotypically and functionally distinct mouse NK cell subsets. *Journal of Immunology*, **2009**, 183, 4968-74	5.3	24
8	TSC-22 contributes to hematopoietic precursor cell proliferation and repopulation and is epigenetically silenced in large granular lymphocyte leukemia. *Blood*, **2009**, 113, 5558-67	2.2	31
7	Transcriptional control of human T-BET expression: the role of Sp1. *European Journal of Immunology*, **2007**, 37, 2549-61	6.1	30
6	Cyclophosphamide enhances glioma virotherapy by inhibiting innate immune responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 12873-8	11.5	291
5	Pro- and antiinflammatory cytokine signaling: reciprocal antagonism regulates interferon-gamma production by human natural killer cells. *Immunity*, **2006**, 24, 575-90	32.3	189
4	Bortezomib-Induced Down-Regulation of KIT Is Mediated by Inhibition of Sp1 and NF-kB in AML1/ETO-Positive Cells.. *Blood*, **2006**, 108, 4211-4211	2.2	
3	Elucidation of the Molecular Mechanisms by Which Inflammatory and Anti-Inflammatory Monokines Regulate Interferon (IFN)-β Production.. *Blood*, **2004**, 104, 111-111	2.2	2

2	Efficient and Reproducible Retroviral Infection of Primary Human Natural Killer Cells.. *Blood*, **2004**, 104, 1348-1348	2.2
1	The RNA m6A reader YTHDF2 controls NK cell anti-tumor and anti-viral immunity	1