Jun Yan

List of Publications by Year
in descending order

		38742	43889
106 papers	9,136 citations	50 h-index	91 g-index
108 all docs	108 docs citations	108 times ranked	11056 citing authors

#	Article	IF	Citations
1	Pivotal Role of Dermal IL-17-Producing Î³Î´ T Cells in Skin Inflammation. Immunity, 2011, 35, 596-610.	14.3	887
2	Plant-Derived Exosomal MicroRNAs Shape the Gut Microbiota. Cell Host and Microbe, 2018, 24, 637-652.e8.	11.0	517
3	Î³Î´T17 Cells Promote the Accumulation and Expansion of Myeloid-Derived Suppressor Cells in Human Colorectal Cancer. Immunity, 2014, 40, 785-800.	14.3	489
4	Mechanism by Which Orally Administered Î²-1,3-Glucans Enhance the Tumoricidal Activity of Antitumor Monoclonal Antibodies in Murine Tumor Models. Journal of Immunology, 2004, 173, 797-806.	0.8	419
5	MVP-mediated exosomal sorting of miR-193a promotes colon cancer progression. Nature Communications, 2017, 8, 14448.	12.8	350
6	Targeted Drug Delivery to Intestinal Macrophages by Bioactive Nanovesicles Released from Grapefruit. Molecular Therapy, 2014, 22, 522-534.	8.2	307
7	Gingerâ€derived nanoparticles protect against alcoholâ€induced liver damage. Journal of Extracellular Vesicles, 2015, 4, 28713.	12.2	277
8	Broccoli-Derived Nanoparticle Inhibits Mouse Colitis by Activating Dendritic Cell AMP-Activated Protein Kinase. Molecular Therapy, 2017, 25, 1641-1654.	8.2	250
9	Therapeutic intervention with complement and Î²-glucan in cancer. Immunopharmacology, 1999, 42, 61-74.	2.0	238
10	Grapefruit-Derived Nanovectors Use an Activated Leukocyte Trafficking Pathway to Deliver Therapeutic Agents to Inflammatory Tumor Sites. Cancer Research, 2015, 75, 2520-2529.	0.9	216
11	Tumor-derived exosomes drive immunosuppressive macrophages in a pre-metastatic niche through glycolytic dominant metabolic reprogramming. Cell Metabolism, 2021, 33, 2040-2058.e10.	16.2	200
12	Differential pathways regulating innate and adaptive antitumor immune responses by particulate and soluble yeast-derived Î²-glucans. Blood, 2011, 117, 6825-6836.	1.4	192
13	A Critical Role of the IL-1Î²â€"IL-1R Signaling Pathway in Skin Inflammation and Psoriasis Pathogenesis. Journal of Investigative Dermatology, 2019, 139, 146-156.	0.7	152
14	Yeast Î²-Glucan Amplifies Phagocyte Killing of iC3b-Opsonized Tumor Cells via Complement Receptor 3-Syk-Phosphatidylinositol 3-Kinase Pathway. Journal of Immunology, 2006, 177, 1661-1669.	0.8	148
15	Grapefruit-derived Nanovectors Delivering Therapeutic miR17 Through an Intranasal Route Inhibit Brain Tumor Progression. Molecular Therapy, 2016, 24, 96-105.	8.2	141
16	Differential developmental requirement and peripheral regulation for dermal VÎ³4 and VÎ³6T17 cells in health and inflammation. Nature Communications, 2014, 5, 3986.	12.8	137
17	Dectin-1 Activation by a Natural Product Î²-Glucan Converts Immunosuppressive Macrophages into an M1-like Phenotype. Journal of Immunology, 2015, 195, 5055-5065.	0.8	129
18	Beta-glucan functions as an adjuvant for monoclonal antibody immunotherapy by recruiting tumoricidal granulocytes as killer cells. Cancer Research, 2003, 63, 9023-31.	0.9	121

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19	High-fat diet-induced upregulation of exosomal phosphatidylcholine contributes to insulin resistance. Nature Communications, 2021, 12, 213.	12.8	112
20	B Cells Drive Early T Cell Autoimmunity In Vivo prior to Dendritic Cell-Mediated Autoantigen Presentation. Journal of Immunology, 2006, 177, 4481-4487.	0.8	109
21	β‐Glucan enhances antitumor immune responses by regulating differentiation and function of monocytic myeloid‐derived suppressor cells. European Journal of Immunology, 2013, 43, 1220-1230.	2.9	108
22	Transcription factor c-Maf is a checkpoint that programs macrophages in lung cancer. Journal of Clinical Investigation, 2020, 130, 2081-2096.	8.2	108
23	Stable isotope resolved metabolomics of lung cancer in a SCID mouse model. Metabolomics, 2011, 7, 257-269.	3.0	98
24	Plant-Derived Exosomal Nanoparticles Inhibit Pathogenicity of Porphyromonas gingivalis. IScience, 2019, 21, 308-327.	4.1	98
25	γδ T Cells: Unexpected Regulators of Cancer Development and Progression. Trends in Cancer, 2017, 3, 561-570.	7.4	94
26	Exosomal PD-L1: Roles in Tumor Progression and Immunotherapy. Trends in Cancer, 2020, 6, 550-558.	7.4	94
27	Orally Administered Particulate β-Glucan Modulates Tumor-Capturing Dendritic Cells and Improves Antitumor T-Cell Responses in Cancer. Clinical Cancer Research, 2010, 16, 5153-5164.	7.0	93
28	The Role of Membrane Bound Complement Regulatory Proteins in Tumor Development and Cancer Immunotherapy. Frontiers in Immunology, 2019, 10, 1074.	4.8	89
29	Yeast-Derived Particulate β-Glucan Treatment Subverts the Suppression of Myeloid-Derived Suppressor Cells (MDSC) by Inducing Polymorphonuclear MDSC Apoptosis and Monocytic MDSC Differentiation to APC in Cancer. Journal of Immunology, 2016, 196, 2167-2180.	0.8	86
30	Exosome-like Nanoparticles from Intestinal Mucosal Cells Carry Prostaglandin E2 and Suppress Activation of Liver NKT Cells. Journal of Immunology, 2013, 190, 3579-3589.	0.8	82
31	Yeast-Derived β-Glucan in Cancer: Novel Uses of a Traditional Therapeutic. International Journal of Molecular Sciences, 2019, 20, 3618.	4.1	80
32	Opposing Roles for Complement Component C5a in Tumor Progression and the Tumor Microenvironment. Journal of Immunology, 2012, 189, 2985-2994.	0.8	77
33	Tumor-infiltrating CD39+γδTregs are novel immunosuppressive T cells in human colorectal cancer. OncoImmunology, 2017, 6, e1277305.	4.6	77
34	Cross-talk between the gut microbiota and monocyte-like macrophages mediates an inflammatory response to promote colitis-associated tumourigenesis. Gut, 2021, 70, 1495-1506.	12.1	77
35	*Ex vivo* expanded human circulating Vδ1 γδT cells exhibit favorable therapeutic potential for colon cancer. OncoImmunology, 2015, 4, e992749.	4.6	75
36	Yeast whole glucan particle (WGP) β-glucan in conjunction with antitumour monoclonal antibodies to treat cancer. Expert Opinion on Biological Therapy, 2005, 5, 691-702.	3.1	74

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37	Combined yeast-derived β-glucan with anti-tumor monoclonal antibody for cancer immunotherapy. Experimental and Molecular Pathology, 2009, 86, 208-214.	2.1	72
38	Lactate supports a metabolic-epigenetic link in macrophage polarization. Science Advances, 2021, 7, eabi8602.	10.3	70
39	STAT3 Signaling in B Cells Is Critical for Germinal Center Maintenance and Contributes to the Pathogenesis of Murine Models of Lupus. Journal of Immunology, 2016, 196, 4477-4486.	0.8	69
40	Human polymorphonuclear neutrophils specifically recognize and kill cancerous cells. OncoImmunology, 2014, 3, e950163.	4.6	68
41	Enterobacteria-secreted particles induce production of exosome-like S1P-containing particles by intestinal epithelium to drive Th17-mediated tumorigenesis. Nature Communications, 2015, 6, 6956.	12.8	67
42	Could the Induction of Trained Immunity by β-Glucan Serve as a Defense Against COVID-19?. Frontiers in Immunology, 2020, 11, 1782.	4.8	64
43	Exosome-mediated delivery of RNA and DNA for gene therapy. Cancer Letters, 2021, 505, 58-72.	7.2	64
44	Yeast glucan particles activate murine resident macrophages to secrete proinflammatory cytokines via MyD88- and Syk kinase-dependent pathways. Clinical Immunology, 2007, 124, 170-181.	3.2	62
45	Critical role of Kupffer cell CR3 (CD11b/CD18) in the clearance of IgM-opsonized erythrocytes or soluble β-glucan. Immunopharmacology, 2000, 46, 39-54.	2.0	60
46	Targeted Noninvasive Imaging of EGFR-Expressing Orthotopic Pancreatic Cancer Using Multispectral Optoacoustic Tomography. Cancer Research, 2014, 74, 6271-6279.	0.9	60
47	Autoreactive T Cells Revealed in the Normal Repertoire: Escape from Negative Selection and Peripheral Tolerance. Journal of Immunology, 2002, 168, 3188-3194.	0.8	59
48	Therapeutic potential of various β-glucan sources in conjunction with anti-tumor monoclonal antibody in cancer therapy. Cancer Biology and Therapy, 2009, 8, 218-225.	3.4	59
49	A Novel Role of Complement in Mobilization: Immunodeficient Mice Are Poor Granulocyte-Colony Stimulating Factor Mobilizers Because They Lack Complement-Activating Immunoglobulins. Stem Cells, 2007, 25, 3093-3100.	3.2	58
50	Hampering Immune Suppressors. Cancer Journal (Sudbury, Mass), 2013, 19, 490-501.	2.0	56
51	Integrin CD11b negatively regulates BCR signalling to maintain autoreactive B cell tolerance. Nature Communications, 2013, 4, 2813.	12.8	56
52	Exosome-like nanoparticles from Mulberry bark prevent DSS-induced colitis via the AhR/COPS8 pathway. EMBO Reports, 2022, 23, e53365.	4.5	56
53	Microbiota-activated CD103+ DCs stemming from microbiota adaptation specifically drive γδT17 proliferation and activation. Microbiome, 2017, 5, 46.	11.1	55
54	Blood exosomes regulate the tissue distribution of grapefruit-derived nanovector via CD36 and IGFR1 pathways. Theranostics, 2018, 8, 4912-4924.	10.0	53

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55	Î²-Glucan enhances complement-mediated hematopoietic recovery after bone marrow injury. Blood, 2006, 107, 835-840.	1.4	50
56	Targeted Oral Delivery of Paclitaxel Using Colostrum-Derived Exosomes. Cancers, 2021, 13, 3700.	3.7	49
57	Aged neutrophils form mitochondria-dependent vital NETs to promote breast cancer lung metastasis. , 2021, 9, e002875.		49
58	Yeast-Derived Î²-Glucan Augments the Therapeutic Efficacy Mediated by Antiâ€"Vascular Endothelial Growth Factor Monoclonal Antibody in Human Carcinoma Xenograft Models. Clinical Cancer Research, 2008, 14, 1239-1247.	7.0	48
59	Plasmacytoid Dendritic Cells Regulate Autoreactive B Cell Activation via Soluble Factors and in a Cell-to-Cell Contact Manner. Journal of Immunology, 2009, 183, 7140-7149.	0.8	47
60	Differential Roles of the mTOR-STAT3 Signaling in Dermal Î³Î´ T Cell Effector Function in Skin Inflammation. Cell Reports, 2019, 27, 3034-3048.e5.	6.4	46
61	Tumor-derived HMGB1 induces CD62Ldim neutrophil polarization and promotes lung metastasis in triple-negative breast cancer. Oncogenesis, 2020, 9, 82.	4.9	46
62	Combined Yeast Î²-Glucan and Antitumor Monoclonal Antibody Therapy Requires C5a-Mediated Neutrophil Chemotaxis via Regulation of Decay-Accelerating Factor CD55. Cancer Research, 2007, 67, 7421-7430.	0.9	45
63	Garlic exosome-like nanoparticles reverse high-fat diet induced obesity via the gut/brain axis. Theranostics, 2022, 12, 1220-1246.	10.0	44
64	Tumor Microenvironment following Gemcitabine Treatment Favors Differentiation of Immunosuppressive Ly6Chigh Myeloid Cells. Journal of Immunology, 2020, 204, 212-223.	0.8	42
65	Immunotherapy in human colorectal cancer: Challenges and prospective. World Journal of Gastroenterology, 2016, 22, 6362.	3.3	41
66	Polysaccharides from Epimedium koreanum Nakai with immunomodulatory activity and inhibitory effect on tumor growth in LLC-bearing mice. Journal of Ethnopharmacology, 2017, 207, 8-18.	4.1	40
67	The role of membrane complement regulatory proteins in cancer immunotherapy. Advances in Experimental Medicine and Biology, 2008, 632, 159-74.	1.6	40
68	<p>Polydopamine Nanoparticles Camouflaged by Stem Cell Membranes for Synergistic Chemo-Photothermal Therapy of Malignant Bone Tumors</p>. International Journal of Nanomedicine, 2020, Volume 15, 10183-10197.	6.7	36
69	miR-375 prevents high-fat diet-induced insulin resistance and obesity by targeting the aryl hydrocarbon receptor and bacterial tryptophanase (<i>tnaA</i>) gene. Theranostics, 2021, 11, 4061-4077.	10.0	36
70	Lemon exosome-like nanoparticles enhance stress survival of gut bacteria by RNase P-mediated specific tRNA decay. IScience, 2021, 24, 102511.	4.1	34
71	MLLT11/AF1q boosts oncogenic STAT3 activity through <i>Src</i>-PDGFR tyrosine kinase signaling. Oncotarget, 2016, 7, 43960-43973.	1.8	34
72	B and T cell tolerance and autoimmunity in autoantibody transgenic mice. International Immunology, 2002, 14, 963-971.	4.0	32

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73	Mobilization of Hematopoietic Progenitor Cells by Yeast-Derived *β*-Glucan Requires Activation of Matrix Metalloproteinase-9. Stem Cells, 2008, 26, 1231-1240.	3.2	31
74	Effect of Yeast-derived β-glucan in Conjunction With Bevacizumab for the Treatment of Human Lung Adenocarcinoma in Subcutaneous and Orthotopic Xenograft Models. Journal of Immunotherapy, 2009, 32, 703-712.	2.4	30
75	The induction of peripheral trained immunity in the pancreas incites anti-tumor activity to control pancreatic cancer progression. Nature Communications, 2022, 13, 759.	12.8	30
76	Targeting antigen to CD19 on B cells efficiently activates T cells. International Immunology, 2005, 17, 869-877.	4.0	29
77	Evaluation of disease staging and chemotherapeutic response in non-small cell lung cancer from patient tumor-derived metabolomic data. Lung Cancer, 2021, 156, 20-30.	2.0	25
78	Intestinal mucus-derived nanoparticle-mediated activation of Wnt/β-catenin signaling plays a role in induction of liver natural killer T cell anergy in mice. Hepatology, 2013, 57, 1250-1261.	7.3	24
79	Toll-like receptor engagement stimulates anti-snRNP autoreactive B cells for activation. European Journal of Immunology, 2006, 36, 2013-2024.	2.9	23
80	Isolation, identification, and characterization of novel nanovesicles. Oncotarget, 0, 7, 41346-41362.	1.8	23
81	Ginger nanoparticles mediated induction of Foxa2 prevents high-fat diet-induced insulin resistance. Theranostics, 2022, 12, 1388-1403.	10.0	23
82	The Role of Membrane Complement Regulatory Proteins in Cancer Immunotherapy. Advances in Experimental Medicine and Biology, 2008, , 152-167.	1.6	22
83	Innate γδT17 cells convert cancer-elicited inflammation into immunosuppression through myeloid-derived suppressor cells. OncoImmunology, 2014, 3, e953423.	4.6	20
84	Innate γδT17 cells play a protective role in DSS-induced colitis via recruitment of Gr-1^{+}CD11b^{+} myeloid suppressor cells. OncoImmunology, 2017, 6, e1313369.	4.6	20
85	[89]Zr-Labeled Anti-PD-L1 Antibody Fragment for Evaluating *In Vivo* PD-L1 Levels in Melanoma Mouse Model. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 549-557.	1.0	20
86	Restoring Oat Nanoparticles Mediated Brain Memory Function of Mice Fed Alcohol by Sorting Inflammatory Dectin-1 Complex Into Microglial Exosomes. Small, 2022, 18, e2105385.	10.0	19
87	Lupus Autoantibodies: Their Origins, Forms, and Presentation. Immunologic Research, 2001, 24, 131-148.	2.9	14
88	Dynamic trafficking patterns of IL-17-producing γδ T cells are linked to the recurrence of skin inflammation in psoriasis-like dermatitis. EBioMedicine, 2022, 82, 104136.	6.1	14
89	Yeast-Derived β-Glucan in Combination with Anti-Tumor Monoclonal Antibody Therapy in Cancer. Recent Patents on Anti-Cancer Drug Discovery, 2009, 4, 101-109.	1.6	12
90	Transcription Factor STAT3 Serves as a Negative Regulator Controlling IgE Class Switching in Mice. ImmunoHorizons, 2018, 2, 349-362.	1.8	12

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91	Regulation of autoreactive B cells: checkpoints and activation. Archivum Immunologiae Et Therapiae Experimentalis, 2007, 55, 83-89.	2.3	11
92	Identification of inflammatory factor TNFα inhibitor from medicinal herbs. Experimental and Molecular Pathology, 2016, 100, 307-311.	2.1	10
93	Tumor Microenvironment Modulates Immunological Outcomes of Myeloid Cells with mTORC1 Disruption. Journal of Immunology, 2019, 202, 1623-1634.	0.8	8
94	Novel Insight Into the Molecular and Metabolic Mechanisms Orchestrating IL-17 Production in γδ T Cells. Frontiers in Immunology, 2019, 10, 2828.	4.8	7
95	Absence of <scp>CCR2</scp> reduces spontaneous intestinal tumorigenesis in the <scp>Apc^{Min}</scp>^{/+} mouse model. International Journal of Cancer, 2021, 148, 2594-2607.	5.1	7
96	Antitumor γδ T cells need oxygen to function. Nature Immunology, 2021, 22, 268-269.	14.5	7
97	Differential metabolic requirement governed by transcription factor c-Maf dictates innate γδT17 effector functionality in mice and humans. Science Advances, 2022, 8, .	10.3	7
98	A combined approach with gene-wise normalization improves the analysis of RNA-seq data in human breast cancer subtypes. PLoS ONE, 2018, 13, e0201813.	2.5	6
99	Characterization of the anti-inflammation mechanism for the AO herbal extract. Experimental and Molecular Pathology, 2016, 101, 341-345.	2.1	5
100	Integrin CD11b Negatively Regulates B Cell Receptor Signaling to Shape Humoral Response during Immunization and Autoimmunity. Journal of Immunology, 2021, 207, 1785-1797.	0.8	2
101	Co-modification with MSC membrane and PDA prevents Fe3O4-induced pulmonary toxicity in mice via AMPK-ULK1 axis. Toxicology Letters, 2021, 351, 145-154.	0.8	2
102	Alcohol-driven metabolic reprogramming promotes development of RORγt-deficient thymic lymphoma. Oncogene, 2022, 41, 2287-2302.	5.9	2
103	Prediction of lung cancer immunotherapy response via machine learning analysis of immune cell lineage and surface markers. Cancer Biomarkers, 2022, 34, 681-692.	1.7	2
104	To b(ortezomib) or not to be: the stroma's the thing. Journal of Pathology, 2016, 240, 123-125.	4.5	1
105	Differential Roles of the mTOR-STAT3 Signaling in Dermal γδ T Cell Effector Function in Skin Inflammation. SSRN Electronic Journal, 0, , .	0.4	0
106	Perioperative systemic immunophenotype following irreversible electroporation (IRE) predicts recurrence.. American Journal of Cancer Research, 2022, 12, 165-175.	1.4	0