Zhen Zhang

List of Publications by Year
in descending order

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85	2,807	218381	223531
papers	citations	26 h-index	46 g-index

93	93	93	4283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	T Cell Dysfunction and Exhaustion in Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 17.	1.8	226
2	CD39/CD73 upregulation on myeloid-derived suppressor cells via TGF-Î²-mTOR-HIF-1 signaling in patients with non-small cell lung cancer. OncoImmunology, 2017, 6, e1320011.	2.1	205
3	Metformin-Induced Reduction of CD39 and CD73 Blocks Myeloid-Derived Suppressor Cell Activity in Patients with Ovarian Cancer. Cancer Research, 2018, 78, 1779-1791.	0.4	202
4	Cancer-cell-secreted CXCL11 promoted CD8+ T cells infiltration through docetaxel-induced-release of HMGB1 in NSCLC. , 2019, 7, 42.		122
5	Efficiency of CD19 chimeric antigen receptor-modified T cells for treatment of B cell malignancies in phase I clinical trials: a meta-analysis. Oncotarget, 2015, 6, 33961-33971.	0.8	113
6	Selective Depletion of Regulatory T Cell Subsets by Docetaxel Treatment in Patients with Nonsmall Cell Lung Cancer. Journal of Immunology Research, 2014, 2014, 1-10.	0.9	107
7	Metformin Enhances the Antitumor Activity of CD8+ T Lymphocytes via the AMPKâ€“miR-107â€“Eomesâ€“PD-1 Pathway. Journal of Immunology, 2020, 204, 2575-2588.	0.4	78
8	Inhibition of SALL4 reduces tumorigenicity involving epithelial-mesenchymal transition via Wnt/Î²-catenin pathway in esophageal squamous cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2016, 35, 98.	3.5	75
9	Dual TGFâ€Î²2 and PDâ€1 blockade synergistically enhances MAGEâ€A3â€specific CD8⁺ T cell response in esophageal squamous cell carcinoma. International Journal of Cancer, 2018, 143, 2561-2574.	2.3	68
10	Metformin blocks myeloid-derived suppressor cell accumulation through AMPK-DACH1-CXCL1 axis. OncoImmunology, 2018, 7, e1442167.	2.1	67
11	Impaired T cell function in malignant pleural effusion is caused by TGFâ€Î²2 derived predominantly from macrophages. International Journal of Cancer, 2016, 139, 2261-2269.	2.3	62
12	miR-29a-3p suppresses cell proliferation and migration by downregulating IGF1R in hepatocellular carcinoma. Oncotarget, 2017, 8, 86592-86603.	0.8	60
13	Large-scale analysis reveals the specific clinical and immune features of B7-H3 in glioma. OncoImmunology, 2018, 7, e1461304.	2.1	59
14	Clinical significance and inflammatory landscapes of a novel recurrence-associated immune signature in early-stage lung adenocarcinoma. Cancer Letters, 2020, 479, 31-41.	3.2	57
15	Molecular and clinical characterization of CD163 expression via large-scale analysis in glioma. OncoImmunology, 2019, 8, e1601478.	2.1	53
16	miR-143 Regulates Memory T Cell Differentiation by Reprogramming T Cell Metabolism. Journal of Immunology, 2018, 201, 2165-2175.	0.4	51
17	Wnt-3a alleviates neuroinflammation after ischemic stroke by modulating the responses of microglia/macrophages and astrocytes. International Immunopharmacology, 2019, 75, 105760.	1.7	51
18	Comprehensive molecular analyses of a TNF family-based signature with regard to prognosis, immune features, and biomarkers for immunotherapy in lung adenocarcinoma. EBioMedicine, 2020, 59, 102959.	2.7	51

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19	The R132H mutation in <scp>IDH</scp>1 promotes the recruitment of <scp>NK</scp> cells through <scp>CX</scp>3<scp>CL</scp>1/<scp>CX</scp>3<scp>CR</scp>1 chemotaxis and is correlated with a better prognosis in gliomas. Immunology and Cell Biology, 2019, 97, 457-469.	1.0	48
20	Point mutation inCD19facilitates immune escape of B cell lymphoma from CAR-T cell therapy. , 2020, 8, e001150.		47
21	Th17 cells inhibit CD8+ T cell migration by systematically downregulating CXCR3 expression via IL-17A/STAT3 in advanced-stage colorectal cancer patients. Journal of Hematology and Oncology, 2020, 13, 68.	6.9	45
22	Cytokine induced killer cell-based immunotherapies in patients with different stages of renal cell carcinoma. Cancer Letters, 2015, 362, 192-198.	3.2	44
23	Targeting glycosylation of PD-1 to enhance CAR-T cell cytotoxicity. Journal of Hematology and Oncology, 2019, 12, 127.	6.9	44
24	Transforming growth factor-beta1 promotes the migration and invasion of sphere-forming stem-like cell subpopulations in esophageal cancer. Experimental Cell Research, 2015, 336, 141-149.	1.2	38
25	Identification of a costimulatory molecule-based signature for predicting prognosis risk and immunotherapy response in patients with lung adenocarcinoma. OncoImmunology, 2020, 9, 1824641.	2.1	38
26	Regulatory T cells promote glioma cell stemness through TGF-Î²â€“NF-ÎºBâ€“IL6â€“STAT3 signaling. Cancer Immunology, Immunotherapy, 2021, 70, 2601-2616.	2.0	38
27	Expression and prognostic relevance of MAGE-A3 and MAGE-C2 in non-small cell lung cancer. Oncology Letters, 2017, 13, 1609-1618.	0.8	36
28	Serum CCL20 combined with IL-17A as early diagnostic and prognostic biomarkers for human colorectal cancer. Journal of Translational Medicine, 2019, 17, 253.	1.8	32
29	Maelstrom Directs Myeloid-Derived Suppressor Cells to Promote Esophageal Squamous Cell Carcinoma Progression via Activation of the Akt1/RelA/IL8 Signaling Pathway. Cancer Immunology Research, 2018, 6, 1246-1259.	1.6	28
30	Over-Expression and Prognostic Significance of HHLA2, a New Immune Checkpoint Molecule, in Human Clear Cell Renal Cell Carcinoma. Frontiers in Cell and Developmental Biology, 2020, 8, 280.	1.8	28
31	Epigenetic inactivation of SPINT2 is associated with tumor suppressive function in esophageal squamous cell carcinoma. Experimental Cell Research, 2014, 322, 149-158.	1.2	27
32	Th17 cell-derived IL-17A promoted tumor progression via STAT3/NF-ÎºB/Notch1 signaling in non-small cell lung cancer. OncoImmunology, 2018, 7, e1461303.	2.1	25
33	Specific clinical and immune features of CD68 in glioma via 1,024 samples. Cancer Management and Research, 2018, Volume 10, 6409-6419.	0.9	21
34	An individualized immune signature of pretreatment biopsies predicts pathological complete response to neoadjuvant chemoradiotherapy and outcomes in patients with esophageal squamous cell carcinoma. Signal Transduction and Targeted Therapy, 2020, 5, 182.	7.1	21
35	PD-1 Affects the Immunosuppressive Function of Group 2 Innate Lymphoid Cells in Human Non-Small Cell Lung Cancer. Frontiers in Immunology, 2021, 12, 680055.	2.2	21
36	Efficacy and safety of cord bloodâ€“derived cytokine-induced killer cells in treatment of patients with malignancies. Cytotherapy, 2015, 17, 1130-1138.	0.3	20

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37	Pseudomonas aeruginosa -mannose sensitive hemagglutinin injection treated cytokine-induced killer cells combined with chemotherapy in the treatment of malignancies. International Immunopharmacology, 2017, 51, 57-65.	1.7	19
38	A threeâ€lncRNA signature of pretreatment biopsies predicts pathological response and outcome in esophageal squamous cell carcinoma with neoadjuvant chemoradiotherapy. Clinical and Translational Medicine, 2020, 10, e156.	1.7	19
39	Phenotypic characterization and anti-tumor effects of cytokine-induced killer cells derived from cord blood. Cytotherapy, 2015, 17, 86-97.	0.3	18
40	Efficacy of Early Enteral Immunonutrition on Immune Function and Clinical Outcome for Postoperative Patients With Gastrointestinal Cancer. Journal of Parenteral and Enteral Nutrition, 2018, 42, 758-765.	1.3	18
41	Regulation of Memory CD8+ T Cell Differentiation by MicroRNAs. Cellular Physiology and Biochemistry, 2018, 47, 2187-2198.	1.1	18
42	Eomes promotes esophageal carcinoma progression by recruiting Treg cells through the CCL20â€CCR6 pathway. Cancer Science, 2021, 112, 144-154.	1.7	18
43	Regulatory T cells were recruited by CCL3 to promote cryo-injured muscle repair. Immunology Letters, 2018, 204, 29-37.	1.1	16
44	A likely protective effect of dimethyl itaconate on cerebral ischemia/reperfusion injury. International Immunopharmacology, 2019, 77, 105924.	1.7	16
45	Neuroprotective Action of Teriflunomide in a Mouse Model of Transient Middle Cerebral Artery Occlusion. Neuroscience, 2020, 428, 228-241.	1.1	15
46	Identification of liver metastasis-associated genes in human colon carcinoma by mRNA profiling. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2018, 30, 633-646.	0.7	15
47	Sulforaphane enhances the antitumor response of chimeric antigen receptor T cells by regulating PD-1/PD-L1 pathway. BMC Medicine, 2021, 19, 283.	2.3	15
48	Phenotypic and functional characterization of cytokine-induced killer cells derived from preterm and term infant cord blood. Oncology Reports, 2014, 32, 2244-2252.	1.2	14
49	Antiproliferative and apoptotic activity of glycyrrhizinic acid in MCF-7 human breast cancer cells and evaluation of its effect on cell cycle, cell migration and m-TOR/PI3K/Akt signalling pathway. Archives of Medical Science, 2019, 15, 174-182.	0.4	14
50	Platinum-based neoadjuvant chemotherapy for triple-negative breast cancer: a systematic review and meta-analysis. Journal of International Medical Research, 2020, 48, 030006052096434.	0.4	14
51	Targeting CD276 by CAR-T cells induces regression of esophagus squamous cell carcinoma in xenograft mouse models. Translational Oncology, 2021, 14, 101138.	1.7	14
52	A Phase I clinical trial of chimeric antigen receptor-modified T cells in patients with relapsed and refractory lymphoma. Immunotherapy, 2020, 12, 681-696.	1.0	14
53	Chemotherapy in combination with cytokine-induced killer cell transfusion: An effective therapeutic option for patients with extensive stage small cell lung cancer. International Immunopharmacology, 2017, 46, 170-177.	1.7	12
54	Selective effect of cytokine-induced killer cells on survival of patients with early-stage melanoma. Cancer Immunology, Immunotherapy, 2017, 66, 299-308.	2.0	11

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55	Combined cancer testis antigens enhanced prediction accuracy for prognosis of patients with hepatocellular carcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 3513-28.	0.5	11
56	Improving the solubility of vorinostat using cyclodextrin inclusion complexes: The physicochemical characteristics, corneal permeability and ocular pharmacokinetics of the drug after topical application. European Journal of Pharmaceutical Sciences, 2022, 168, 106078.	1.9	11
57	CXCL9-modified CAR T cells improve immune cell infiltration and antitumor efficacy. Cancer Immunology, Immunotherapy, 2022, 71, 2663-2675.	2.0	11
58	Polarization of granulocytic myeloidâ€derived suppressor cells by hepatitis C core protein is mediated via ILâ€10/STAT3 signalling. Journal of Viral Hepatitis, 2019, 26, 246-257.	1.0	10
59	TMPO-AS1 promotes cell proliferation of thyroid cancer via sponging miR-498 to modulate TMPO. Cancer Cell International, 2020, 20, 294.	1.8	10
60	Chimeric Antigen Receptor T Cell Exhaustion during Treatment for Hematological Malignancies. BioMed Research International, 2020, 2020, 1-9.	0.9	10
61	Comprehensive Analysis of PD-1 Gene Expression, Immune Characteristics and Prognostic Significance in 1396 Glioma Patients . Cancer Management and Research, 2020, Volume 12, 4399-4410.	0.9	10
62	The repertoire features of T cell receptor Î²-chain of different age and gender groups in healthy Chinese individuals. Immunology Letters, 2019, 208, 44-51.	1.1	9
63	Single-dose in situ storage for intensifying anticancer efficacy via combinatorial strategy. Journal of Controlled Release, 2020, 319, 438-449.	4.8	9
64	PD-1 abrogates the prolonged persistence of CD8+ CAR-T cells with 4-1BB co-stimulation. Signal Transduction and Targeted Therapy, 2020, 5, 164.	7.1	9
65	L1CAM overexpression promotes tumor progression through recruitment of regulatory T cells in esophageal carcinoma. Cancer Biology and Medicine, 2021, 18, 547-561.	1.4	9
66	Identification of a Prognostic Immune Signature for Esophageal Squamous Cell Carcinoma to Predict Survival and Inflammatory Landscapes. Frontiers in Cell and Developmental Biology, 2020, 8, 580005.	1.8	9
67	Polymorphisms in the telomerase reverse transcriptase promoter are associated with risk of breast cancer: A meta-analysis. Journal of Cancer Research and Therapeutics, 2016, 12, 1040.	0.3	9
68	DEFB4A is a potential prognostic biomarker for colorectal cancer. Oncology Letters, 2020, 20, 1-1.	0.8	9
69	Identification of microRNA-451a as a Novel Circulating Biomarker for Colorectal Cancer Diagnosis. BioMed Research International, 2020, 2020, 1-18.	0.9	8
70	Dynamic changes in CD45RAâ^'Foxp3high regulatory T-cells in chronic hepatitis C patients during antiviral therapy. International Journal of Infectious Diseases, 2016, 45, 5-12.	1.5	7
71	Pseudomonas aeruginosa injection enhanced antitumor cytotoxicity of cytokine-induced killer cells derived from cord blood. Biomedicine and Pharmacotherapy, 2014, 68, 1057-1063.	2.5	6
72	Guideline for C1 Lateral Mass and C2 Pedicle Screw Choices in Children Younger Than 6 Years. Spine, 2017, 42, E949-E955.	1.0	6

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73	Protective effects of Dimethyl malonate on neuroinflammation and blood-brain barrier after ischemic stroke. NeuroReport, 2021, 32, 1161-1169.	0.6	6
74	The landscape of m6A regulators in small cell lung cancer: molecular characteristics, immuno-oncology features, and clinical relevance. Molecular Cancer, 2021, 20, 122.	7.9	6
75	Long Noncoding RNA lncNDEPD1 Regulates PD-1 Expression via miR-3619-5p in CD8+ T Cells. Journal of Immunology, 2022, 208, 1483-1492.	0.4	6
76	Modification of chemokine receptor expression to enhance levels of trafficking receptors on autologous cytokine-induced killer cells derived from patients with colorectal cancer. Biomedicine and Pharmacotherapy, 2014, 68, 551-556.	2.5	5
77	The combination of novel immune checkpoints HHLA2 and ICOSLG: A new system to predict survival and immune features in esophageal squamous cell carcinoma. Genes and Diseases, 2022, 9, 415-428.	1.5	5
78	Downregulation of miR-892b inhibits the progression of osteoarthritis via targeting cyclin D1 and cyclin D2. Experimental Cell Research, 2021, 405, 112683.	1.2	4
79	Efficacy of cascade-primed cell infusion as an adjuvant immunotherapy with concurrent chemotherapy for patients with nonâ€“small-cell lung cancer: A retrospective observational study with a 5-year follow-up. Cytotherapy, 2020, 22, 35-43.	0.3	3
80	A sensitive and rapid bioanalytical method for the quantitative determination of luliconazole in rabbit eye tissues using UPLC-MS/MS assay. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1194, 123173.	1.2	3
81	Identification of integrative molecular and clinical profiles of Fibrinogen-like protein 2 in gliomas using 1323 samples. International Immunopharmacology, 2020, 88, 106894.	1.7	2
82	Hepatitis C virus (HCV) genotype 2a has a better virologic response to antiviral therapy than HCV genotype 1b. International Journal of Clinical and Experimental Medicine, 2015, 8, 7446-56.	1.3	2
83	Long-term clinical efficacy of cytokine-induced killer cell-based immunotherapy in early-stage esophageal squamous cell carcinoma. Cytotherapy, 2022, , .	0.3	2
84	Clinical Significance of Down-Regulated CD70 and CD27 Expression in Poor Prognosis of Esophageal Squamous Cell Carcinoma . Cancer Management and Research, 2020, Volume 12, 6909-6920.	0.9	0
85	Viral resistance to VRC01-like antibodies with mutations in loop D and V5 from an HIV-1 Bâ€² subtype infected individual with broadly neutralization activity. Molecular Immunology, 2022, 145, 50-58.	1.0	0